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SURFACE OBSERVATION CLIMATIC SUMMARIES^(SOCS)

FOR
PETERSON AFB, CO

Prepared by

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

MARCH 1990

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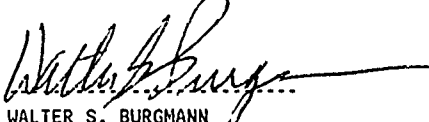
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28 SEP 1990

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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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 "SFCSUM," OR "SURFACE SUMMARY." THE ORIGINAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED IN 1946. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT FINALLY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARIES" OR "SOCS" IN JULY 1988.

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

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

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: OCT 79 - SEP 89 (AIRWAYS).

SUMMARY OF DAY DATA: SEP 42 - SEP 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

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

TERMS EXPLAINED:

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

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

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL AVAILABLE OBSERVATIONAL SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A (OR EQUIVALENT) FOR ANY GIVEN DAY.

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

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
724660	COLORADO SPRINGS/PETERSON AFB, CO	N 38 49	W 104 43	6172	COS	72466

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr 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	Peterson Field, CO	AAF	Sep 42	Sep 44	N 3849	W 104 42	6170	6178	24
2	Same	Same	Oct 44	Mar 48	Same	Same	6174	Same	24
3	Colorado Springs MAP, CO	WB	Jul 48	Jan 54	Same	Same	6172	Same	24
4	Same	Same	Jan 54	Apr 67	Same	Same	Same	6191	24
5	Same	Same	Apr 67	Jan 89	Same	W 104 43	Same	6093	24 *
*N.B.: Jan 65-Dec 72, 24 Obs taken, only synoptic hrs (8 per day) in NCDC database.									

Nmbr 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	Sep 42	N/A	Anemometer	N/A	N/A	
2	Jul 48	Atop control tower	Selsyn	Selsyn	78 ft	
3	Sep 54	Same	Same	Same	67 ft	
4	May 56	Same	Same	Same	76 ft	
5	Feb 58	On the field	F420C	None	22 ft	
6	Apr 67	Same	Same	F312	Same	
7	Jan 89	Same	Same	Same	22 ft	

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	AAAAA
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZLE (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, BLWING 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 OBSTRUCIONS 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.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		.1	.2	10.4		10.8	4.4				15.2	930
03-05			.3	8.9		9.2	5.8		.1		15.2	930
06-08			.1	8.7		8.8	6.9		.2		15.9	930
09-11				8.7		8.7	5.9		.4		15.1	930
12-14				7.8		7.8	2.4	.1	.3		10.6	930
15-17		.2		8.3		8.5	1.8	.2	.1		10.6	930
18-20		.3		9.5		9.8	3.2		.1		13.1	930
21-23			.1	10.9		11.0	5.1				16.0	930
ALL HOURS		.1	.1	9.2		9.3	4.4	.0	.2		14.0	7440

MONTH: FEB

00-02		.2	.9	11.3		12.5	8.4	.1	.5		21.4	849
03-05		.1	1.6	11.8		13.5	7.2		.5		21.2	849
06-08			1.1	12.1		13.2	9.7		.5		23.3	849
09-11		.2	.6	12.7		13.5	9.4		.2		23.2	849
12-14		.2	.2	11.1		11.5	6.9	.5			19.0	849
15-17		.7	.5	13.7		14.8	5.9	.5	.7		21.9	849
18-20			.6	10.8		11.4	6.1	.2			17.8	849
21-23			.8	12.5		13.3	7.1		.1		20.5	849
ALL HOURS		.2	.8	12.0		13.0	7.6	.2	.3		21.0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		1.0	.6	11.7		13.3	6.9		.1		20.3	930
03-05		.3	1.0	11.6		12.9	7.5		.3		20.8	930
06-08	.1	1.3	1.0	11.1		13.3	9.0	.1	.3		22.8	930
09-11	.1	1.3	.2	10.8		12.3	7.2		.3		19.8	930
12-14		1.5		10.0		11.5	5.2		.3		17.0	930
15-17	.2	1.6		9.9		11.5	3.5	.1	.2		15.4	930
18-20		1.8		9.1		11.0	3.0		.1		14.1	930
21-23	.1	1.3	.2	10.6		12.2	4.8		.2	.1	17.3	930
ALL HOURS	.1	1.3	.4	10.6		12.2	5.9	.0	.2	.0	18.4	7440

MONTH: APR

00-02	.2	2.6		6.0		8.6	2.3		.2		11.1	900
03-05		2.4	.2	4.1		6.8	3.7				10.4	900
06-08	.2	2.7	.3	4.6		7.6	5.0		.3	.1	13.0	900
09-11	.1	1.9	.1	4.3		6.3	2.2		.3		8.9	900
12-14	.3	2.8		5.2		8.0	.8		.6		9.3	900
15-17	1.0	4.0		4.9		8.9	.4		1.0		10.3	900
18-20	1.1	5.8		6.3		12.1	1.4		.8	1	14.4	900
21-23	.3	4.2		6.8		11.0	1.7		.8		13.4	900
ALL HOURS	.4	3.3	.1	5.3		8.7	2.2		.5	.0	11.4	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.3	7.7		1.1		8.8	1.3				10.1	930
03-05		5.5		1.3		6.8	2.5				9.2	930
06-08	.2	5.7		1.3		7.0	2.7		.2		9.9	930
09-11	.6	7.5		1.4		8.9	1.8		.1		10.9	930
12-14	4.5	10.9		1.2	.1	12.2	.9			.3	13.3	930
15-17	5.2	11.0		.6	.1	11.7	.5			.2	12.5	930
18-20	2.2	10.8		.6		11.4	1.7				13.1	930
21-23	1.5	10.6		1.0	.1	11.7	1.2				12.9	930
ALL HOURS	1.8	8.7		1.1	.0	9.8	1.6		.0	.1	11.5	7440

MONTH: JUN

00-02	1.1	4.1				4.1	1.3				5.4	900
03-05	.9	2.9				2.9	1.9				4.8	900
06-08		2.8				2.8	3.0				5.8	900
09-11	.4	2.8				2.8	1.1				3.9	900
12-14	6.4	6.9			.1	7.0	.3				7.3	900
15-17	8.8	10.6			.1	10.7					10.7	900
18-20	6.1	9.0				9.0	.2				9.2	900
21-23	4.2	6.6				6.6	.7				7.2	900
ALL HOURS	3.5	5.7			.0	5.7	1.1				6.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.8	2.6				2.6	.8				3.3	930
03-05	.2	1.5				1.5	1.7				3.2	930
06-08		1.4				1.4	2.0				3.4	930
09-11		.9				.9	.6	.1			1.6	930
12-14	5.3	5.7				5.7	.2	.1			6.0	930
15-17	7.7	10.4				10.4		.1			10.5	930
18-20	6.9	11.4				11.4	.1				11.5	930
21-23	3.9	8.1				8.1	.4				8.5	930
ALL HOURS	3.1	5.2				5.2	.7	.0			6.0	7440

MONTH: AUG

00-02	2.3	6.2				6.2	1.9			.2	8.4	930
03-05		2.7				2.7	4.4				7.1	930
06-08		2.3				2.3	4.4				6.7	930
09-11	.2	1.3				1.3	1.5				2.8	930
12-14	6.3	7.1			.1	7.2	.9				8.1	930
15-17	8.7	10.2			.2	10.4	.4				10.9	930
18-20	9.8	13.4			.1	13.5	.4				14.0	930
21-23	6.9	11.0				11.0	.9				11.8	930
ALL HOURS	4.3	6.8			.1	6.8	1.9			.0	8.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.4	6.0		.6		6.6	5.8				12.3	900
03-05	.2	6.3		.9		7.2	7.4				14.7	900
06-08	.2	4.7		.6		5.2	6.9				12.1	900
09-11		4.0		.6		4.6	4.3	.2			9.1	900
12-14	1.7	5.0		.3		5.3	2.7				8.0	900
15-17	2.7	5.9		.4		6.3	2.4			.1	8.9	899
18-20	1.2	7.5	.1	.8		8.4	3.6				11.9	897
21-23	1.2	7.5		.8		8.2	3.5				11.7	897
ALL HOURS	1.0	5.9	.0	.6		6.5	4.6	.0		.0	11.1	7193

MONTH: OCT

00-02	.2	4.4	.5	1.9		6.9	4.5				11.4	930
03-05		3.2	.3	1.7		5.3	5.8		.4		11.5	930
06-08		3.4	.4	2.5		6.3	5.8		.3		12.5	930
09-11		2.0		2.7		4.7	4.0		.1		8.8	930
12-14		2.3		2.3		4.5	1.9				6.5	930
15-17	.3	3.2		2.7		5.9	1.5				7.4	930
18-20	.2	3.7	.1	2.7		6.5	2.4				8.8	930
21-23	.3	4.4	.3	2.9		7.6	4.2				11.8	930
ALL HOURS	.1	3.3	.2	2.4		6.0	3.8		.1		9.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		.6	1.4	6.0		8.0	5.3		.3		13.7	900
03-05		.9	.7	5.6		7.1	4.6		.4		12.1	900
06-08		.6	.3	6.3		7.2	4.7		1.1		13.0	900
09-11		.3		6.9		7.2	3.0		1.4		11.7	900
12-14		.2		6.7		6.9	2.4		1.3		10.7	900
15-17		.2		6.1		6.3	2.0		.9		9.2	900
18-20		.1	.1	7.8		8.0	3.3		.7		12.0	900
21-23		.9	1.1	8.0		10.0	5.2		.8		16.0	900
ALL HOURS		.5	.5	6.7		7.6	3.8		.9		12.3	7200

MONTH: DEC

00-02		.9	9.5			10.3	6.9		.3		17.5	930
03-05			1.3	10.3		11.6	6.6		.3		18.5	930
06-08			.6	10.0		10.6	6.2		.5		17.4	930
09-11			.3	11.4		11.7	6.1		.3		18.2	930
12-14			.5	9.8		10.3	4.5	.1	.9		15.8	930
15-17			.3	10.2		10.5	3.9		.6		15.1	930
18-20		.3	.4	10.8		11.5	4.7		.5		16.8	930
21-23			.6	9.9		10.5	6.1		.6		17.3	930
ALL HOURS		.0	.6	10.2		10.9	5.6	.0	.5		17.1	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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		.1	.1	9.2		9.3	4.4	.0	.2		14.0	7440
FEB		.2	.8	12.0		13.0	7.6	.2	.3		21.0	6792
MAR	.1	1.3	.4	10.6		12.2	5.9	.0	.2	.0	18.4	7440
APR	.4	3.3	.1	5.3		8.7	2.2		.5	.0	11.4	7200
MAY	1.8	8.7		1.1	.0	9.8	1.6		.0	.1	11.5	7440
JUN	3.5	5.7			.0	5.7	1.1				6.8	7200
JUL	3.1	5.2				5.2	.7	.0			6.0	7440
AUG	4.3	6.8			.1	6.8	1.9			.0	8.7	7440
SEP	1.0	5.9	.0	.6		6.5	4.6	.0		.0	11.1	7193
OCT	.1	3.3	.2	2.4		6.0	3.8		.1		9.8	7440
NOV		.5	.5	6.7		7.6	3.8		.9		12.3	7200
DEC		.0	.6	10.2		10.9	5.6	.0	.5		17.1	7440
ANNUAL	1.2	3.4	.2	4.8	.0	8.5	3.6	.0	.2	.0	12.3	87665

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4901-8909
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		3.0	1.7	33.0		33.8	15.2	1.1	2.3	.1	36.0	1271
FEB	.1	6.0	3.3	35.9		37.5	19.3	1.7	3.0		40.7	1158
MAR	1.5	11.3	2.9	39.3	.2	42.7	19.4	.9	3.0	.4	45.2	1271
APR	7.4	28.1	1.3	25.1	2.0	43.4	14.6	.5	1.6		45.1	1230
MAY	26.6	55.1	.2	8.3	5.4	57.2	13.8	.2	.1	.1	58.8	1271
JUN	36.7	53.7		.8	7.2	53.9	8.8	.1			55.2	1230
JUL	51.1	65.2			4.5	65.2	6.3	.2			66.2	1271
AUG	42.9	60.5			3.3	60.5	8.3	.4			61.8	1271
SEP	15.8	39.4	.2	3.0	1.9	40.2	14.0	.4			42.7	1230
OCT	2.6	21.2	.6	11.7	.2	27.1	11.4	.6	.7		29.2	1240
NOV	.3	9.2	3.9	26.1	.1	29.3	14.0	.5	2.1		32.5	1200
DEC		4.0	2.8	28.3		29.5	13.5	.5	2.7		31.5	1240
ANNUAL	15.6	30.0	1.4	17.5	2.1	43.5	13.2	.6	1.3	.0	45.5	14883

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02				.2	.3	1.1	.8	2.3	.4	.2		
03-05						.9	.2		.2			
06-08			.1	.2	.2				.2			
09-11			.1	.1	.6	.4		.2				
12-14				.3	4.5	6.4	5.3	6.3	1.7			
15-17			.2	1.0	5.2	8.8	7.7	8.7	2.7	.3		
18-20				1.1	2.2	6.1	6.9	9.8	1.2	.2		
21-23			.1	.3	1.5	4.2	3.9	6.9	1.2	.3		
ALL HOURS			.1	.4	1.8	3.5	3.1	4.3	1.0	.1		
TOTAL OBS	7440	6792	7440	7200	7440	7200	7440	7440	7193	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
TSTMS								
LIQUID PRECIP					16.7	33.3	50.0	6
FREEZING PRECIP	42.9				42.9	14.3		7
FROZEN PRECIP	7.5		10.9	11.3	39.6	17.2	13.6	682
FOG	20.0		10.6	8.2	37.9	18.2	5.2	330
FOG WITH VIS GE 1/2 MILES	18.8		11.2	6.7	39.0	17.9	6.3	223
TOTAL OBS	410	0	2309	1090	1267	1198	1163	7437

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP				15.4	30.8	15.4	38.5	13
FREEZING PRECIP	31.5		1.9		29.6	37.0		54
FROZEN PRECIP	7.8		14.0	7.3	38.7	17.9	14.3	817
FOG	12.5		4.1	5.3	40.4	28.3	9.4	512
FOG WITH VIS GE 1/2 MILES	8.8		5.5	7.3	44.4	24.6	9.4	329
TOTAL OBS	346	0	1960	907	1437	1132	1008	6790

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
TSTMS			20.0	20.0	20.0		40.0	5
LIQUID PRECIP	1.1		33.3	7.8	6.7	13.3	37.8	90
FREEZING PRECIP	21.4				46.4	32.1		28
FROZEN PRECIP	4.1		21.4	9.4	24.4	11.5	29.2	790
FOG	10.5		5.9	11.2	41.0	26.9	4.6	439
FOG WITH VIS GE 1/2 MILES	8.3		7.0	12.7	39.5	27.4	5.1	314
TOTAL OBS	285	0	1870	890	1464	1562	1368	7439

MONTH: APR HOURS: ALL

TSTMS	10.0		26.7	20.0	20.0	16.7	6.7	30
LIQUID PRECIP	3.0		17.4	15.3	24.3	20.0	20.0	235
FREEZING PRECIP	16.7				50.0	33.3		6
FROZEN PRECIP	1.6		30.2	9.6	14.6	7.3	36.7	384
FOG	3.8		6.3	11.4	51.3	18.4	8.9	158
FOG WITH VIS GE 1/2 MILES	4.1		8.1	12.2	43.1	21.1	11.4	123
TOTAL OBS	244	0	1902	861	1318	1553	1321	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AF/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
TSTMS	2.9		20.4	17.5	14.6	27.0	17.5	137
LIQUID PRECIP	2.1		23.2	9.4	20.9	16.3	28.2	609
FREEZING PRECIP								
FROZEN PRECIP	1.3		23.1	3.8		2.6	69.2	78
FOG	2.6		10.3	6.0	56.4	15.4	9.4	117
FOG WITH VIS GE 1/2 MILES	2.9		11.7	6.8	54.4	15.5	8.7	103
TOTAL OBS	266	0	1590	998	1524	1804	1257	7439

MONTH: JUN HOURS: ALL

TSTMS	1.2		13.7	16.9	17.6	28.6	22.0	255
LIQUID PRECIP	1.6		15.9	12.1	24.3	20.9	25.2	321
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.8		2.6	2.6	48.1	28.6	10.4	77
FOG WITH VIS GE 1/2 MILES	7.9		3.2	1.6	47.6	28.6	11.1	63
TOTAL OBS	320	0	1530	1010	1571	1670	1097	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
TSTMS	1.3		16.5	17.0	11.7	29.6	23.9	230
LIQUID PRECIP	3.8		23.2	12.5	13.5	21.5	25.6	289
FREEZING PRECIP								
FROZEN PRECIP								
FOG			3.6	9.1	54.5	29.1	3.6	55
FOG WITH VIS GE 1/2 MILES			3.9	9.8	51.0	31.4	3.9	51
TOTAL OBS	302	0	1797	1111	1525	1500	1202	7437

MONTH: AUG HOURS: ALL

TSTMS	2.5		20.5	15.8	8.1	24.5	28.6	322
LIQUID PRECIP	3.6		19.3	10.7	18.6	22.9	25.0	420
FREEZING PRECIP								
FROZEN PRECIP								
FOG	7.2			7.2	65.2	19.6	.7	138
FOG WITH VIS GE 1/2 MILES	7.7			5.1	65.0	21.4	.9	117
TOTAL OBS	355	0	1776	1035	1443	1555	1275	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
TSTMS	2.9		20.3	17.4	14.5	15.9	29.0	69
LIQUID PRECIP	3.2		18.0	11.2	34.5	21.7	11.4	411
FREEZING PRECIP			100.0					1
FROZEN PRECIP	2.3		18.2	15.9	40.9	13.6	9.1	44
FOG	5.8		4.0	8.8	52.0	26.7	2.7	329
FOG WITH VIS GE 1/2 MILES	5.7		4.5	9.8	53.6	23.4	3.0	265
TOTAL OBS	303	0	1715	912	1507	1725	1031	7193

MONTH: OCT HOURS: ALL

TSTMS	10.0		20.0	40.0		10.0	20.0	10
LIQUID PRECIP	3.6		12.0	10.0	32.9	17.7	23.7	249
FREEZING PRECIP				12.5	18.8	31.3	37.5	16
FROZEN PRECIP	5.0		19.3	8.3	17.1	17.1	33.1	181
FOG	12.5		2.1	9.6	46.4	25.7	3.6	280
FOG WITH VIS GE 1/2 MILES	14.0		3.2	10.8	44.6	24.7	2.7	186
TOTAL OBS	312	0	2224	930	1504	1397	1073	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
STMS								
LIQUID PRECIP	5.9		11.8	23.5	8.8	14.7	35.3	34
FREEZING PRECIP					57.6	42.4		33
FROZEN PRECIP	5.4		13.6	9.3	22.7	16.1	33.0	485
FOG	13.5		7.3	9.1	38.2	24.0	8.0	275
FOG WITH VIS GE 1/2 MILES	15.8		7.6	9.9	31.6	22.8	12.3	171
TOTAL OBS	336	0	2130	1057	1285	1263	1125	7196

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP				33.3		66.7		3
FREEZING PRECIP	12.8			2.1	70.2	14.9		47
FROZEN PRECIP	10.9		11.0	10.1	30.1	14.8	23.2	764
FOG	19.8		6.0	6.2	41.4	20.0	6.7	420
FOG WITH VIS GE 1/2 MILES	16.8		8.6	5.7	40.5	21.1	7.2	279
TOTAL OBS	447	0	2341	1124	1284	1054	1190	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	350 - 039	040 - 099	100 - 159	160 - 299	300 - 349	NO OF OBS
TSTMS	2.3		18.1	17.0	12.8	25.9	23.9	1058
LIQUID PRECIP	2.8		19.4	11.3	23.0	19.7	23.8	2680
FREEZING PRECIP	17.2		1.0	1.6	46.9	30.2	3.1	192
FROZEN PRECIP	6.5		16.2	9.3	29.0	14.5	24.5	4225
FOG	12.0		5.5	8.1	44.6	23.8	6.1	3130
FOG WITH VIS GE 1/2 MILES	10.5		6.6	8.6	44.5	23.1	6.7	2224
TOTAL OBS	3926	0	23144	11925	17129	17413	14110	87647

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPP	AAAAAAA	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	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAA	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 THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "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

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	66.8	62.7	58.3	55.8	42.0	47.0	34.5	39.2	61.5	73.4	70.8	71.1	56.9
TRACE	17.8	20.6	18.5	19.6	24.6	22.6	24.1	22.2	18.5	10.8	16.4	15.4	19.2
.01	3.9	3.4	4.6	4.5	4.1	4.9	6.0	5.8	3.1	2.3	2.2	2.5	3.9
.02-.05	6.7	6.9	7.8	5.9	8.4	7.7	8.6	8.4	5.1	4.6	3.9	5.2	6.6
.06-.10	1.9	2.9	3.5	3.9	5.3	4.3	6.7	6.6	2.6	2.3	1.9	2.5	3.7
.11-.25	2.1	2.4	4.1	5.9	7.4	5.9	8.7	6.7	4.7	3.2	3.0	2.7	4.7
.26-.50	.6	.8	2.3	2.0	3.9	3.7	6.7	5.9	2.4	2.1	1.4	.5	2.7
.51-1.00	.1	.1	.8	1.8	3.0	2.8	3.5	4.1	1.3	1.0	.4	.2	1.6
1.01-2.50		.1	.1	.5	1.3	.9	1.2	.8	.8	.4			.5
2.51-5.00						.2	.1	.3					.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	15.4	16.6	23.2	24.6	33.4	30.4	41.5	38.6	20.0	15.8	12.8	13.5	23.9
TOTAL NO. OF OBSERVATIONS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									.74	1.12	TRACE	.09	1.95*
43	.22	.06	.23	1.78	2.85	1.56	3.47	2.10	.02	.02	.32	.25	12.88
44	.19	.05	1.33	1.73	2.05	.64	1.20	1.13	.07	.34	.22	.27	9.22
45	.61	.39	.40	1.18	1.49	1.02	3.79	4.47	.52	1.78	TRACE	.09	15.74
46	.29	.31	.10	1.23	1.82	.83	4.84	3.62	TRACE	1.53	1.67	.60	16.84
47	.71	.96	.52	2.93	3.92	2.18	2.23	2.64	.38	1.79	.40	.15	18.81
48	.52	.42	.45				1.44	4.62	.38	.12	.02	.29	8.26*
49	.32	.13	.67	.68	1.14	4.22	3.59	.54	.26	.98	TRACE	.08	12.61
50	.32	.03	.33	.42	1.00	1.59	4.50	.84	2.82	.12	.14	.06	12.17
51	.59	.22	.36	.31	1.54	1.38	4.42	4.31	.85	1.52	.53	.11	16.14
52	.04	.10	1.13	1.36	2.21	.37	1.19	3.79	.37	.04	.23	.13	10.96
53	TRACE	.13	.21	1.58	1.33	1.30	2.19	1.88	TRACE	.74	.57	.23	10.16
54	.22	.06	.59	.62	2.57	3.69	3.13	1.98	1.91	.22	.23	.21	15.43
55	.29	.57	.32	.33	4.88	.43	2.34	2.46	1.35	.01	.30	.08	13.36
56	1.12	.19	.84	1.10	.88	.41	3.03	1.42	.59	.14	.91	.30	10.93
57	.45	.48	.56	5.90	5.67	1.08	3.65	1.78	1.25	2.02	2.21	.02	25.07
58	.09	.28	1.29	.99	4.79	3.01	4.42	1.20	1.38	.58	.22	.20	18.45
59	.43	.47	1.19	2.03	3.48	1.61	.94	2.63	3.58	.97	.05	.03	17.41
60	.11	.75	.95	.59	1.61	.93	2.22	.78	.61	1.97	.23	.54	11.27
61	.14	.65	1.21	.56	.84	3.86	2.14	2.26	1.91	.98	.44	.43	15.42
62	.42	.34	.88	.44	.63	3.36	1.60	.15	.41	.97	.89	.03	10.12
63	.53	.20	.62	.02	.77	1.22	1.35	5.22	1.84	.39	.46	.62	13.24
64	TRACE	.22	1.08	.01	2.54	.96	1.14	.60	1.33	.03	.46	.22	8.59
65	.14	.72	1.12	1.61	1.81	8.00	5.02	3.83	2.24	.49	TRACE	.45	25.43
66	.39	.49	.01	.79	.95	2.56	2.91	2.00	2.12	.36	.16	.17	12.91
67	.31	.15	.18	2.04	2.18	2.74	5.26	3.09	.73	1.68	.25	.67	19.28
68	.10	.22	.37	.54	.62	.15	5.27	2.12	1.03	.43	1.32	.24	12.41
69	.11	.12	.77	1.83	4.46	2.72	3.90	2.38	1.13	2.86	.39	.32	20.99
70	.05	.17	1.06	.91	.33	3.63	3.79	4.24	1.09	.95	.27	TRACE	16.49
71	.34	.53	.34	1.36	2.24	.39	2.82	1.99	1.36	.23	.03	.23	11.86
72	.27	.25	.55	.42	1.46	2.07	4.08	3.55	4.13	1.34	1.08	.83	20.03
73	.06	.06	1.16	1.72	4.27	.47	3.31	.89	1.03	.35	.15	.64	14.11
74	.26	.18	.52	1.88	.33	1.29	1.42	1.14	.43	1.36	.23	.42	9.46
75	.13	.29	.24	.68	1.00	2.97	2.65	2.06	.16	.52	1.00	.07	11.77

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.32	.23	.63	1.63	2.09	2.46	1.75	5.94	4.28	.49	.40	.12	20.34
77	.29	.20	1.18	2.57	1.12	3.87	3.02	5.11	.45	.19	.60	.18	18.78
78	.25	.38	.40	1.15	3.58	.54	2.14	2.51	.05	.90	.37	1.01	13.28
79	.53	.04	2.38	1.83	3.13	1.58	2.73	2.50	.92	.55	1.82	1.02	19.03
80	.25	.54	1.30	3.64	4.99	1.60	1.69	4.59	.65	.01	.35	.05	19.66
81	.07	.12	.93	.13	3.14	1.98	3.64	5.24	.52	.37	.03	.82	16.99
82	.25	.27	.73	.76	3.07	3.81	3.64	5.37	3.02	.22	.10	.70	21.94
83	.43	.09	1.79	.97	3.08	2.41	.99	2.59	.37	.28	1.09	.70	14.79
84	.32	.09	1.93	1.66	.74	1.54	3.97	4.03	.93	5.01	.14	.64	21.00
85	.42	.24	1.68	2.07	3.36	.78	4.92	1.56	1.49	.52	.42	.55	18.01
86	.01	.30	.31	.65	1.89	2.47	1.63	6.06	.61	1.41	.64	.28	16.26
87	1.17	2.45	1.79	.50	3.82	2.89	.67	2.77	.55	.54	.44	.64	18.23
88	.43	.68	.90	.27	1.01	1.69	2.07	2.88	1.19	.08	.36	1.05	12.61
89	.23	1.23	.49	1.06	1.11	3.42	2.26	2.63	2.30				14.73*
.....													
LEAST	TRACE	.03	.01	.01	.33	.15	.67	.15	TRACE	.01	TRACE	TRACE	8.59
GREATEST	1.17	2.45	2.38	5.90	5.67	8.00	5.27	6.06	4.28	5.01	2.21	1.05	25.43
MEAN	.31	.36	.81	1.27	2.26	2.04	2.86	2.80	1.15	.84	.47	.36	15.57
MEDIAN	.29	.24	.67	1.08	1.97	1.61	2.82	2.51	.89	.52	.35	.25	15.43
SD	.247	.402	.531	1.047	1.410	1.455	1.292	1.540	1.043	.908	.494	.295	4.182
.....													
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103
.....													

THE GREATEST VALUE OF 8.00 OCCURRED ON 06/65

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									.72	.55	TRACE	.09	.72*
43	.16	.04	.12	1.31	.84	.98	1.67	.97	.01	.02	.32	.18	1.67
44	.15	.03	.56	.55	.65	.24	.26	.38	.07	.23	.12	.15	.65
45	.39	.19	.32	.51	.88	.47	1.80	1.04	.20	1.26	TRACE	.04	1.80
46	.20	.30	.10	.58	.75	.30	1.29	.65	TRACE	.72	.47	.49	1.29
47	.29	.22	.36	2.30	1.33	.90	.63	.65	.28	.90	.19	.14	2.30
48	.20	.12	.17				.39	1.61	.31	.08	.02	.23	1.61*
49	.12	.05	.30	.16	.56	2.17	2.16	.10	.19	.34	TRACE	.06	2.17
50	.21	.03	.19	.25	.56	.58	.88	.29	1.06	.12	.10	.05	1.06
51	.34	.12	.17	.13	.98	.26	3.00	1.30	.40	1.06	.40	.05	3.00
52	.03	.04	.25	.57	.74	.25	.19	1.03	.25	.04	.10	.08	1.03
53	TRACE	.12	.13	.55	.66	.64	.42	.68	TRACE	.30	.28	.07	.68
54	.14	.03	.15	.34	1.05	1.96	1.27	.72	1.09	.17	.20	.16	1.96
55	.13	.21	.11	.24	2.23	.13	1.36	.76	1.02	.01	.15	.02	2.23
56	.62	.08	.40	.60	.34	.15	.82	.44	.59	.09	.75	.14	.82
57	.16	.45	.31	1.76	2.12	.47	1.02	.58	.46	.48	.60	.02	2.12
58	.06	.13	.33	.28	1.65	1.20	.94	.34	.93	.34	.10	.11	1.65
59	.20	.23	.52	.91	1.13	.43	.34	.79	1.38	.50	.03	.02	1.38
60	.08	.26	.40	.25	.69	.33	.72	.45	.22	1.54	.21	.22	1.54
61	.10	.38	.41	.32	.19	1.22	.43	.60	.67	.49	.20	.21	1.22
62	.32	.10	.46	.18	.22	1.19	.38	.05	.30	.78	.45	.02	1.19
63	.31	.10	.34	.02	.23	.41	.46	1.30	.55	.39	.32	.42	1.30
64	TRACE	.12	.59	.01	1.32	.52	.50	.23	1.12	.03	.37	.12	1.32
65	.14	.28	.46	.92	.77	2.56	.88	1.24	.86	.24	TRACE	.20	2.56
66	.11	.32	.01	.25	.32	1.53	.67	.41	1.20	.26	.16	.16	1.53
67	.27	.10	.11	1.82	1.32	.81	2.01	.83	.25	.59	.12	.17	2.01
68	.03	.09	.30	.22	.29	.08	.88	.67	.54	.31	.32	.17	.88
69	.08	.09	.36	.79	1.47	.52	.88	.64	.33	1.14	.22	.17	1.47
70	.03	.10	.28	.74	.15	2.65	1.36	2.98	.25	.42	.13	TRACE	2.98
71	.28	.26	.12	.26	1.12	.30	.73	.74	.84	.16	.03	.07	1.12
72	.14	.16	.31	.28	.39	.83	1.30	.97	1.34	.85	.53	.49	1.34
73	.02	.04	.32	.66	1.68	.23	1.02	.26	.21	.18	.09	.21	1.68
74	.09	.15	.23	.75	.14	.46	.40	.76	.32	1.09	.17	.19	1.09
75	.04	.09	.11	.24	.38	1.44	.95	.86	.06	.33	.37	.02	1.44

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.22	.11	.23	.94	1.06	1.37	.43	2.59	1.15	.24	.15	.07	2.59
77	.08	.15	.89	1.10	.46	2.51	1.24	2.78	.25	.17	.53	.11	2.78
78	.05	.13	.20	.79	1.93	.25	1.06	1.28	.03	.51	.29	.47	1.93
79	.34	.02	.73	.71	1.13	.75	.83	.91	.59	.30	.81	.58	1.13
80	.08	.30	.39	1.34	1.46	.81	.89	2.71	.36	.01	.29	.03	2.71
81	.04	.06	.36	.06	1.18	.64	.79	.97	.27	.20	.03	.66	1.18
82	.14	.07	.53	.36	.89	1.05	2.05	2.31	1.17	.11	.05	.60	2.31
83	.24	.05	.73	.29	.89	1.03	.42	.63	.20	.11	.41	.22	1.03
84	.19	.03	.59	.58	.34	.54	1.60	.90	.50	1.13	.11	.28	1.60
85	.11	.09	.69	.51	.99	.61	1.94	.84	.55	.17	.21	.23	1.94
86	.01	.09	.08	.33	.70	.84	.39	1.55	.18	.38	.48	.13	1.55
87	.77	1.49	1.40	.23	.57	.82	.22	1.07	.32	.38	.39	.21	1.49
88	.18	.34	.22	.14	.71	.63	.83	1.86	.36	.04	.18	.36	1.86
89	.08	.63	.43	.29	.37	.98	1.10	.73	1.30				1.30*
.....													
GREATEST	.77	1.49	1.40	2.30	2.23	2.65	3.00	2.98	1.38	1.54	.81	.66	3.00
.....													
TOTAL OBS	1457	1328	.454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103
.....													

THE GREATEST VALUE OF 3.00 OCCURRED ON 07/22/51

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4601-8909
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	66.8	64.2	61.6	75.2	91.7	99.1	100.0	100.0	97.1	88.7	73.2	71.8	82.5
TRACE	17.0	18.7	17.3	12.7	5.6	.8			1.8	5.6	15.0	14.2	9.0
0.1-0.4	7.8	7.8	8.6	4.5	1.4	.1			.2	2.5	4.1	5.6	3.5
0.5-1.4	5.0	4.9	5.6	4.1	.5	.1			.5	1.4	3.7	4.4	2.5
1.5-2.4	1.8	2.7	3.1	1.2	.4					.5	1.7	1.6	1.1
2.5-3.4	.8	.6	1.2	.8	.2					.7	1.0	1.0	.5
3.5-4.4	.3	.3	1.2	.3	.1				.1	.2	.3	.6	.3
4.5-6.4	.3	.4	.8	.7	.1				.1	.3	.6	.5	.3
6.5-10.4	.1	.2	.4	.2					.2	.1	.4	.4	.2
10.5-15.4		.2	.1	.2	.2				.1	.2			.1
15.5-25.4	.1			.1									.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	16.2	17.1	21.1	12.1	2.8	.2			1.1	5.7	11.9	14.0	8.5
TOTAL NO. OF OBSERVATIONS	1364	1243	1361	1290	1333	1290	1364	1364	1320	1333	1290	1333	15885

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4601-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	2.8	3.1	1.0	.0	.2	.0	.0	.0	TRACE	4.0	22.3	6.4	39.8
47	7.3	9.8	4.7	3.4	TRACE	TRACE	.0	.0	.0	TRACE	1.0	6.6	32.8
48	14.9	15.0	8.8				.0	.0	.0	TRACE	.4	3.5	42.6*
49	7.0	3.3	6.7	5.1	.2	.0	.0	.0	.0	6.5	TRACE	.9	29.7
50	5.1	.2	4.3	1.6	1.1	TRACE	.0	.0	TRACE	.0	2.1	.8	15.2
51	7.7	2.5	3.5	1.3	TRACE	.1	.0	.0	.8	3.3	5.9	1.3	26.4
52	.2	1.1	15.1	1.2	.3	.0	.0	.0	.0	TRACE	3.5	1.8	23.2
53	TRACE	1.9	2.7	11.2	3.2	.0	.0	.0	.0	1.9	5.9	3.8	30.6
54	2.6	.8	4.7	3.3	2.4	.0	.0	.0	.0	.1	2.2	2.7	18.8
55	3.2	9.0	4.2	3.4	TRACE	.0	.0	.0	.0	TRACE	3.7	1.2	24.7
56	12.7	2.1	10.4	4.7	TRACE	.0	.0	.0	.0	.4	9.0	3.9	43.2
57	8.7	4.3	5.5	42.7	14.9	TRACE	.0	.0	.8	1.0	18.3	.2	96.4
58	1.8	3.8	16.1	9.1	.0	.0	.0	.0	TRACE	2.8	2.9	1.4	37.9
59	5.2	7.8	10.3	25.5	.0	.0	.0	.0	27.9	9.0	.8	.4	86.9
60	1.5	9.5	8.6	2.4	2.8	.0	.0	.0	.0	1.9	2.0	7.4	36.1
61	3.0	8.8	9.5	5.8	.9	.0	.0	.0	4.2	5.1	5.0	7.1	49.4
62	6.4	3.7	8.8	2.0	.0	.0	.0	.0	TRACE	.0	8.3	.5	29.7
63	5.8	2.1	8.1	TRACE	.0	.0	.0	.0	.0	3.0	4.2	9.2	32.4
64	TRACE	2.7	20.5	.1	.0	.0	.0	.0	.0	.0	4.9	4.9	33.1
65	3.2	9.0	14.4	2.2	.0	.0	.0	.0	.1	TRACE	TRACE	6.1	35.0
66	6.0	9.7	.1	4.1	4.2	.0	.0	.0	.0	3.4	1.7	2.9	32.1
67	4.1	3.6	2.1	13.9	TRACE	.0	.0	.0	.0	TRACE	3.1	11.7	38.5
68	3.0	4.8	5.7	2.8	.2	.0	.0	.0	.0	.2	12.3	4.9	33.9
69	5.7	2.0	11.3	6.6	.0	TRACE	.0	.0	.0	21.7	5.6	7.3	60.2
70	.8	2.4	19.9	7.0	TRACE	TRACE	.0	.0	.8	4.6	1.5	TRACE	37.0
71	8.7	11.5	3.0	2.8	TRACE	.0	.0	.0	9.7	2.9	.3	3.8	42.7
72	5.2	3.6	7.0	3.3	TRACE	.0	.0	.0	.0	14.4	16.4	11.4	61.3
73	3.9	2.3	15.6	11.2	.8	.0	.0	.0	.0	3.9	1.8	9.1	48.6
74	2.4	2.4	6.8	10.0	.0	TRACE	.0	.0	TRACE	TRACE	1.5	6.3	29.4
75	2.8	4.8	3.5	6.9	.2	1.1	.0	.0	.0	4.3	9.8	.9	34.3
76	6.9	5.2	8.6	10.1	.0	.0	.0	.0	TRACE	2.5	4.9	2.6	40.8
77	4.8	2.5	13.8	4.3	.0	.0	.0	.0	.0	.9	1.9	3.0	31.2
78	4.2	8.6	3.3	1.1	19.4	.0	.0	.0	TRACE	.5	4.0	15.2	56.3
79	9.9	1.2	20.0	14.6	4.1	.0	.0	.0	.0	1.3	19.1	17.6	87.8
80	4.7	5.9	12.7	11.3	.0	.0	.0	.0	.0	.2	4.4	1.4	40.6

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PRIOD OF RECORD: 4601-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.0	1.7	9.0	.3	.2	.0	.0	.0	.0	.4	.5	9.1	22.2
82	3.6	6.2	8.4	2.3	3.9	.0	.0	.0	.0	.2	.9	8.2	33.7
83	4.0	1.1	16.3	4.8	.8	.0	.0	.0	.0	.0	10.3	18.2	55.5
84	7.8	1.4	23.2	9.0	.8	.0	.0	.0	.9	25.9	2.0	10.9	81.9
85	8.0	4.7	22.3	.8	TRACE	.0	.0	.0	1.9	1.7	8.3	6.3	54.0
86	.2	4.6	2.9	4.0	TRACE	.0	.0	.0	.0	1.4	7.3	4.4	24.8
87	28.7	23.2	14.9	3.3	TRACE	.0	.0	.0	.0	.0	4.8	9.5	84.4
88	4.9	11.5	12.6	1.0	.3	.0	.0	.0	.0	.0	1.6	13.6	45.5
89	3.0	18.9	TRACE	1.0	.0	.0	.0	.0	TRACE				22.9*
LEAST	TRACE	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	15.2
GREATEST	28.7	23.2	23.2	42.7	19.4	1.1	.0	.0	27.9	25.9	22.3	18.2	96.4
MEAN	5.3	5.5	9.3	6.1	1.4	TRACE	.0	.0	1.1	3.0	5.3	5.8	42.8
MEDIAN	4.5	3.8	8.6	3.4	TRACE	.0	.0	.0	.0	1.0	3.7	4.9	36.6
SD	4.837	4.890	6.197	7.608	3.748	.168	.000	.000	4.436	5.455	5.413	4.739	19.770
TOTAL OBS	1364	1243	1361	1290	1333	1290	1364	1364	1320	1333	1290	1333	15885

THE GREATEST VALUE OF 42.7 OCCURRED ON 04/57

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4601-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	2.0	2.2	1.0	.0	.1	.0	.0	.0	TRACE	4.0	6.6	4.9	6.6
47	2.9	2.2	3.6	2.0	TRACE	TRACE	.0	.0	.0	TRACE	.5	4.0	4.0
48	6.0	6.5	4.2				.0	.0	.0	TRACE	.4	2.8	6.5*
49	2.3	1.8	3.3	2.1	.2	.0	.0	.0	.0	3.0	TRACE	.7	3.3
50	4.3	.2	2.7	.8	.8	TRACE	.0	.0	TRACE	.0	1.3	.8	4.3
51	3.3	1.5	1.7	.7	TRACE	.1	.0	.0	.8	3.2	5.1	.6	5.1
52	.2	.4	3.0	1.1	.3	.0	.0	.0	.0	TRACE	1.4	1.0	3.0
53	TRACE	1.8	1.5	5.6	2.1	.0	.0	.0	.0	1.9	3.0	2.1	5.6
54	1.5	.4	1.2	3.2	2.3	.0	.0	.0	.0	.1	1.9	2.0	3.2
55	1.9	4.7	2.2	2.7	TRACE	.0	.0	.0	.0	TRACE	2.4	.4	4.7
56	7.6	.8	5.2	2.2	TRACE	.0	.0	.0	.0	.4	7.4	2.0	7.6
57	2.6	4.3	3.4	16.7	11.8	TRACE	.0	.0	.8	1.0	5.3	.2	16.7
58	1.0	1.7	4.5	2.6	.0	.0	.0	.0	TRACE	2.8	1.9	.8	4.5
59	2.5	3.4	3.6	11.6	.0	.0	.0	.0	13.6	5.5	.5	.2	13.6
60	.8	3.6	4.5	2.2	2.7	.0	.0	.0	.0	.8	1.8	3.5	4.5
61	2.6	4.5	3.3	3.2	.6	.0	.0	.0	4.2	4.9	2.0	3.0	4.9
62	5.0	1.0	4.6	.8	.0	.0	.0	.0	TRACE	.0	3.2	.4	5.0
63	2.3	1.0	4.0	TRACE	.0	.0	.0	.0	.0	3.0	2.4	6.5	6.5
64	TRACE	1.5	13.3	.1	.0	.0	.0	.0	.0	.0	4.8	3.7	13.3
65	3.2	4.4	5.2	1.2	.0	.0	.0	.0	.1	TRACE	TRACE	2.5	5.2
66	2.2	5.8	.1	2.9	2.3	.0	.0	.0	.0	2.6	1.7	2.3	5.8
67	3.7	3.1	1.6	13.9	TRACE	.0	.0	.0	.0	TRACE	1.3	4.0	13.9
68	1.3	2.1	4.1	1.7	.2	.0	.0	.0	.0	.2	3.9	3.3	4.1
69	2.9	1.4	4.9	5.0	.0	TRACE	.0	.0	.0	12.8	2.9	4.5	12.8
70	.5	1.6	5.2	4.9	TRACE	TRACE	.0	.0	.8	1.9	.6	TRACE	5.2
71	8.4	4.8	1.7	1.6	TRACE	.0	.0	.0	8.9	2.7	.3	.9	8.9
72	3.1	2.0	3.8	3.0	TRACE	.0	.0	.0	.0	13.8	8.5	6.2	13.8
73	1.3	2.0	3.1	4.5	.8	.0	.0	.0	.0	3.4	1.0	2.4	4.5
74	1.3	1.8	3.3	8.4	.0	TRACE	.0	.0	TRACE	TRACE	1.3	3.0	8.4
75	1.7	1.9	1.8	2.4	.2	1.1	.0	.0	.0	4.2	3.6	.5	4.2
76	4.6	2.3	2.7	9.5	.0	.0	.0	.0	TRACE	2.4	2.1	1.8	9.5
77	1.2	1.5	8.4	4.3	.0	.0	.0	.0	.0	.9	1.4	2.4	8.4
78	1.2	3.4	1.6	1.0	14.9	.0	.0	.0	TRACE	.3	3.2	5.2	14.9
79	5.1	1.0	6.0	5.7	2.3	.0	.0	.0	.0	.9	7.2	9.1	9.1
80	1.0	3.3	3.8	5.8	.0	.0	.0	.0	.0	.2	3.5	1.2	5.8

OPERATING LOCATION 'A'
SAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4601-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.7	.6	3.6	.1	.2	.0	.0	.0	.0	.4	.5	7.4	7.4
82	1.8	2.2	6.6	1.2	3.9	.0	.0	.0	.0	.2	.6	7.0	7.0
83	1.9	.4	8.6	3.3	.3	.0	.0	.0	.0	.0	2.9	7.1	8.6
84	3.7	.6	7.0	4.5	.7	.0	.0	.0	.9	9.2	2.0	4.6	9.2
85	2.4	2.4	9.1	.5	TRACE	.0	.0	.0	1.2	.9	4.0	2.0	9.1
86	.2	1.5	1.2	4.0	TRACE	.0	.0	.0	.0	1.3	4.8	2.1	4.8
87	22.0	14.8	12.3	1.0	TRACE	.0	.0	.0	.0	.0	4.7	2.9	22.0
88	2.0	5.9	4.3	1.0	.3	.0	.0	.0	.0	.0	1.0	5.3	5.9
89	1.4	12.3	TRACE	.9	.0	.0	.0	.0	TRACE				12.3*
.....													
GREATEST	22.0	14.8	13.3	16.7	14.9	1.1	.0	.0	13.6	13.8	8.5	9.1	22.0
.....													
TOTAL OBS	1364	1243	1361	1290	1333	1290	1364	1364	1320	1333	1290	1333	15885

THE GREATEST VALUE OF 22.0 OCCURRED ON 01/15/87

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 SNOW DEPTH IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	52.1	63.1	67.7	87.3	97.8	99.9	100.0	100.0	99.4	94.2	75.7	60.7	83.3
TRACE	23.1	18.1	15.0	6.1	1.4	.1			.3	2.7	13.0	17.6	8.0
1	13.9	8.3	7.0	2.3	.4					1.2	4.6	6.7	3.7
2	5.8	5.3	3.0	1.2	.1				.1	.6	2.4	6.1	2.0
3	2.1	2.7	2.7	.9	.1				.1	.6	1.4	4.2	1.2
4-6	2.1	2.1	3.9	1.3	.1				.1	.3	2.1	3.7	1.3
7-12	.7	.5	.7	.8	.1				.1	.3	.7	1.0	.4
13-24	.1		.1							.1			.0
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	24.8	18.8	17.3	6.5	.8				.3	3.2	11.3	21.7	8.7
TOTAL NO. OF OBSERVATIONS	1444	1309	1437	1375	1425	1380	1457	1457	1440	1453	1398	1423	16998

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									0	0	0	3*	3*
43	5	2	4*	0	0	0	0	0	0	0	4*	2*	5*
44	0*	0*	10*	6	0	0	0	0	0	0	2*	2*	10*
45	5	7*	0	7	0	0	0	0	0	0	1	0*	7*
46	2	2	1	0	TRACE	0	0	0	0	2	8	3	8
47	7	5	4	1	0	0	0	0	0	0	3	4	7
48	8	3	5*				0	0	0	TRACE	TRACE	2	8*
49	3	1	2	1	0	0	0	0	0	1	0	TRACE	3
50	1	TRACE	2	0	0	0	0	0	0	0	2	TRACE	2
51	4	3	TRACE	TRACE	0	0	0	0	0	1	4	1	4
52	TRACE	TRACE	3	TRACE	0	0	0	0	0	0	2	2	3
53	TRACE	2	TRACE	3	2	0	0	0	0	1	4	1	4
54	2	TRACE	1	TRACE	3	0	0	0	0	TRACE	2	3	3
55	2	4	2	2	0	0	0	0	0	TRACE	2	TRACE	4
56	8	5	5	2	0	0	0	0	0	TRACE	6	3	8
57	3	1	2	12	5	0	0	0	0	TRACE	6	TRACE	12
58	1	1	4	1	0	0	0	0	0	TRACE	2	TRACE	4
59	1	4	4	10	0	0	0	0	12	20	TRACE	TRACE	20
60	1	3	5	1	TRACE	0	0	0	0	1	1	4	5
61	2	4	5	2	0	0	0	0	0	2	2	4	5
62	4	3	3	TRACE	0	0	0	0	0	0	4	TRACE	4
63	1	1	4	0	0	0	0	0	0	0	1	6	6
64	TRACE	2	10	TRACE	0	0	0	0	0	0	4	4	10
65	3	5	6	TRACE	0	0	0	0	0	0	TRACE	3	6
66	3	6	TRACE	1	1	0	0	0	0	1	2	3	6
67	3	3	1	3	TRACE	0	0	0	0	TRACE	1	8	8
68	2	3	4	2	0	0	0	0	0	TRACE	4	4	4
69	3	1	4	TRACE	0	0	0	0	0	10	3	5	10
70	2	2	5	2	0	0	0	0	TRACE	1	TRACE	0	5
71	6	4	1	TRACE	0	0	0	0	8	3	TRACE	2	8
72	3	2	6	TRACE	0	0	0	0	0	TRACE	12	8	12
73	1	2	2	3	2	0	0	0	0	3	1	4	4
74	2	2	3	5	0	0	0	0	0	0	1	4	5
75	2	2	1	2	0	TRACE	0	0	0	3	3	TRACE	3

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	AR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	4	4	5	4	0	0	0	0	0	1	1	1	5
77	1	2	12	3	0	0	0	0	0	0	1	2	12
78	1	2	2	TRACE	11	0	0	0	0	0	3	8	11
79	5	1	6	8	1	0	0	0	0	TRACE	11	10	11
80	4	1	3	4	TRACE	0	0	0	0	TRACE	3	1	4
81	1	TRACE	3	0	TRACE	0	0	0	0	0	1	7	7
82	2	4	6	1	TRACE	0	0	0	0	0	TRACE	7	7
83	2	2	6	4	TRACE	0	0	0	0	0	5	6	6
84	6	1	5	4	1	0	0	0	TRACE	12	1	3	12
85	2	3	14	4	0	0	0	0	2	0	3	4	14
86	TRACE	2	TRACE	2	TRACE	0	0	0	0	TRACE	4	3	4
87	16	12	10	TRACE	0	0	0	0	0	0	3	5	16
88	2	6	3	1	TRACE	0	0	0	0	0	TRACE	8	8
89	1	10	TRACE	TRACE	0	0	0	0	0	0	0	0	10*
GREATEST	16	12	14	12	11	TRACE	0	0	12	20	12	10	20
TOTAL OBS	1444	1309	1437	1375	1425	1380	1457	1457	1440	1453	1398	1423	16998

THE GREATEST VALUE OF 20 OCCURRED ON 10/01/59

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO

PERIOD OF RECORD: 4209-8909

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
42 - 43			DEC 26			MAR 19
43 - 44			NOV 01			APR 20
44 - 45			NOV 19			APR 16
45 - 46	JAN 05	JAN 25	NOV 20	MAY 19	MAY 11	MAR 06
46 - 47	SEP 22	OCT 07	OCT 07	JUN 12	APR 24	APR 16
47 - 48	OCT 12	NOV 03	NOV 20	MAR 31	MAR 16	MAR 17
48 - 49	OCT 16	NOV 20	DEC 23	MAY 07	MAY 06	APR 14
49 - 50	OCT 19	OCT 19	OCT 30	JUN 02	MAY 26	MAR 13
50 - 51	SEP 25	NOV 08	NOV 09	JUN 03	JUN 03	FEB 14
51 - 52	SEP 21	SEP 21	OCT 26	MAY 18	MAY 17	MAR 23
52 - 53	OCT 14	NOV 08	NOV 09	MAY 16	MAY 13	MAY 12
53 - 54	OCT 22	OCT 23	OCT 23	MAY 03	MAY 03	MAY 02
54 - 55	OCT 13	OCT 26	NOV 30	MAY 18	APR 12	APR 12
55 - 56	OCT 23	NOV 12	NOV 16	MAY 14	APR 28	APR 18
56 - 57	OCT 24	OCT 24	NOV 19	JUN 21	MAY 16	MAY 16
57 - 58	SEP 14	SEP 14	NOV 05	APR 29	APR 29	APR 30
58 - 59	SEP 15	OCT 29	NOV 28	APR 21	APR 21	APR 21
59 - 60	SEP 28	SEP 28	SEP 29	MAY 19	MAY 19	APR 29
60 - 61	OCT 14	OCT 14	OCT 15	MAY 14	MAY 14	APR 25
61 - 62	SEP 02	SEP 03	OCT 29	APR 30	APR 30	MAR 30
62 - 63	SEP 09	NOV 15	NOV 17	APR 28	MAR 13	MAR 14
63 - 64	OCT 31	OCT 31	NOV 17	APR 13	APR 03	MAR 25
64 - 65	NOV 14	NOV 18	NOV 19	APR 27	APR 27	MAR 28
65 - 66	SEP 17	SEP 20	DEC 14	MAY 12	MAY 12	MAY 12
66 - 67	OCT 03	OCT 13	OCT 14	MAY 27	APR 13	APR 14
67 - 68	OCT 14	NOV 02	NOV 22	MAY 16	MAY 16	APR 18
68 - 69	OCT 08	OCT 16	NOV 06	JUN 14	APR 26	MAR 15
69 - 70	OCT 03	OCT 03	OCT 05	JUN 01	APR 17	APR 18
70 - 71	SEP 22	SEP 25	OCT 26	MAY 29	APR 22	MAR 09

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO

PERIOD OF RECORD: 4209-8909

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
71 - 72	SEP 16	SEP 16	SEP 18	MAY 22	APR 26	MAR 31
72 - 73	OCT 27	OCT 29	NOV 01	MAY 30	MAY 01	MAY 01
73 - 74	OCT 10	OCT 10	OCT 11	JUN 08	APR 13	APR 15
74 - 75	SEP 12	NOV 03	NOV 03	JUN 10	JUN 10	APR 18
75 - 76	OCT 23	OCT 23	OCT 24	APR 30	APR 30	APR 18
76 - 77	SEP 27	OCT 07	OCT 27	APR 20	APR 02	APR 04
77 - 78	OCT 10	OCT 31	NOV 08	MAY 08	MAY 06	MAY 09
78 - 79	SEP 20	OCT 22	NOV 25	MAY 31	MAY 09	MAY 10
79 - 80	OCT 21	OCT 29	NOV 09	APR 30	APR 30	APR 25
80 - 81	OCT 23	OCT 27	NOV 15	MAY 09	MAY 09	MAR 29
81 - 82	OCT 24	OCT 30	NOV 26	MAY 05	MAY 05	APR 20
82 - 83	OCT 08	OCT 13	DEC 24	MAY 20	MAY 13	APR 07
83 - 84	NOV 08	NOV 08	NOV 09	MAY 07	MAY 07	MAY 07
84 - 85	SEP 27	SEP 28	OCT 15	MAY 13	APR 25	APR 01
85 - 86	SEP 25	SEP 28	SEP 29	MAY 17	APR 03	APR 04
86 - 87	OCT 11	OCT 12	NOV 01	MAY 03	APR 12	MAR 20
87 - 88	NOV 15	NOV 15	NOV 26	MAY 19	MAY 02	APR 10
88 - 89	NOV 04	NOV 15	DEC 08	APR 30	APR 30	FEB 21
89 - 90	SEP 12			SEP 13		
MEDIAN-DATE	OCT 10	OCT 23	NOV 09	MAY 14	APR 30	APR 14

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCC
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCCCC
PP PP	AA AA	RR RR	TT	CC CC
PP PP	AA AA	RR RR	TT	CC
PPPPPPPP	AA AA	RRRRRRRR	TT	CC
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	CC
PP	AAAAAAAAA	RR RR	TT	CC
PP	AA AA	RR RR	TT	CC CC
PP	AA AA	RR RR	TT	CCCCCCCC
PP	AA AA	RR RR	TT	CCCCC

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (800 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 (800 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: 724660 STATION NAME: PETERSON AFB/COLORADO SPRINGS CO PERIOD OF RECORD: 4602-4803,5106-5802,6705-8909
LST TO UTC: +07 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46		WNW*57	W 57	000*00	*	*	*	*	*	*	*	*	WNW*57
47	W *70	WNW*57	NNW*39	NNW 52	SSW 45	WNW 46	ESE 50	WNW 47	SSW 52	SSW 36	NW 47	W 40	W *70
48	WNW 47	W 49	W *47										W *49
51						NNW 46	W 47	WNW 45	NNW 50	NW 54	NW 49	WNW 49	NW *54
52	WSW 54	NW 50	WNW 64	SSW 44	NW 45	NNW 43	WSW 56	W 47	NE 38	NNW 40	NNW 53	WNW 50	WNW 64
53	WNW 59	NNW 56	SW 53	NNW 49	SSW 59	SSW 59	SSW 43	NW 39	NNW 55	NNW 46	W 70	W 65	W 70
54	NW 64	WNW 63	WNW 73	NNW 45	SW 46	SSW 78	NNW 51	NW 44	SW 64	NW 49	NW 54	WNW 70	SSW 78
55	SW 46	SW 56	N 49	W 44	SSW 43	S 36	SE 53	NE 30	NW 39	W 43	SSW 43	WNW 37	SW 56
56	NW 50	NW 42	NW 52	SW 49	SW 53	NE 43	SW 49	N 33	SW 37	SSW 43	NNW 40	WNW 46	SW 53
57	SSW 47	WNW 49	NNW 69	SW 43	W 39	WNW 46	NW 37	SSW 31	NNW 42	NNW 40	NNW 42	WNW 49	NNW 69
58	NNE 41	WNW*36											NNE*41
67					S 57	N 40	N 40	N 37	ENE 37	N 45	NW 43	WNW 48	S *57
68	N 35	NNW 36	NW 50	N 46	SW 45	SSE 40	NW 44	SE 36	N 35	SSW 34	N 32	N 46	NW 50
69	NNW 59	N 37	WNW 52	W 40	WNW 40	NW 56	NW 40	N 36	S 40	NNW 47	N 34	W 43	NNW 59
70	NW 50	WNW 47	NNE 44	SW 49	SW 44	N 49	NE 48	N 38	N 42	N 44	SW 52	NW 54	NW 54
71	NW 51	NW 42	NW 56	SW 39	W 52	S 48	N 45	N 40	N 50	SW 50	NW 42	NW 35	NW 56
72	NW 44	NW 38	NW 38	N 52	SE 46	E 43	NE 50	N 42	N 37	N 0	NW 47	NW 42	N 52
73	NW 45	N 32	NW 49	S 46	N 45	NE 40	N 40	W 38	N 40	NW 41	N 40	N 49	NW 49
74	W 46	N 42	SW 57	N 44	SW 53	NW 54	E 47	W 41	N 43	N 34	NW 47	NW 42	SW 57
75	N 55	N 54	NW 48	NW 48	N 54	N 45	N 40	W 40	N 38	N 51	NW 51	NW 68	NW 68
76	N 48	NW 58	NW 48	E 50	N 52	NW 46	N 47	NW 42	W 36	N 34	N 46	N 36	NW 58
77	NW 34	NW 43	N 71	NW 47	S 39	N 44	S 40	SW 35	N 39	N 37	NW 59	NW 55	N 71
78	N 35	N 39	W 37	NW 50	SE 43	SE 42	SW 35	S 41	S 47	N 40	W 38	SW 54	SW 54
79	N 45	N 43	N 47	SE 46	W 40	NW 56	W 48	N 29	N 36	NW 46	N 40	NW 45	NW 56
80	N 52	NW 36	NW 50	W 38	SW 49	S 34	N 29	N 32	N 30	N 28	NW 20	NW 26	N 52
81	N 25	N 38	N 31	N 23	N 28	N 39	S 31	SW 34	S 29	N 41	W 45	NW 36	W 45
82	NW 41	N 23	W 59	W 56	N 36	N 37	S 40	N 46	S 35	N 40	N 37	NW 56	W 59
83	W 41	N 48	N 42	SW 37	NW 57	N 40	NW 45	N 30	N 42	NW 44	W 49	NW 46	NW 57
84	N 38	N 51	NW 39	N 48	W 49	S 47	NE 43	N 34	N 38	NW 48	NW 41	W 47	N 51
85	W 42	N 33	SW 62	NW 49	NW 48	N 42	NW 46	NW 40	SE 40	SW 50	NE 41	NW 44	SW 62

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660 STATION NAME: PETERSON AFB/COLORADO SPRINGS CO PERIOD OF RECORD: 4602-4803, 5106-5802, 6705-8909
LST TO UTC: +07 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	W 45	W 53	N 43	NW 53	S 40	SW 54	NW 39	NW 42	SW 46	N 36	NW 42	NW 49	SW 54
87	W 48	NW 30	W 42	N 48	N 49	SW 41	S 38	SW 47	S 37	NW 34	NW 51	W 51	NW 51
88	N 47	NW 45	NW 51	NW 40	S 61	SE 46	N 42	N 44	N 43	N 48	NW 50	W 42	S 61
89	W *53	N 34	W 47	NW 52	W 42	N 41	NW 50	S 45	W 37				W *53

GREATEST	W 70	WNW 63	WNW 73	W 56	S 61	SSW 78	WSW 56	WNW 47	SW 64	NW 54	W 70	WNW 70	SSW 78
TOTAL OBS	929	852	937	871	930	928	958	953	928	930	900	930	11046

THE PEAK WIND OF 78 FROM SSW OCCURRED ON 06/29/54

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660 STATION NAME: PETERSON AFB/COLORADO SPRINGS CO PERIOD OF RECORD: 4602-4803,5106-5802,6705-8909
LST TO UTC: +07 MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS										GE 65	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				
JAN	.0	2.8	23.4	21.2	15.0	11.8	10.5	6.0	7.6	1.5	.1	22.9	20.0	929
FEB	.0	1.2	16.7	21.7	22.5	14.0	8.8	6.5	6.3	2.3	.0	23.7	21.0	852
MAR	.0	.7	6.6	17.1	21.1	18.8	13.8	10.8	8.8	2.0	.3	27.0	25.0	937
APR	.1	.0	1.6	12.7	20.6	21.6	20.4	11.8	10.2	.9	.0	28.4	28.0	871
MAY	.0	.0	1.1	12.5	23.1	24.2	19.2	9.9	8.2	1.8	.0	28.1	27.0	930
JUN	.0	.0	2.3	11.6	21.1	23.6	20.4	12.4	7.3	1.2	.1	28.1	27.0	928
JUL	.0	.0	1.9	15.3	29.1	22.7	17.3	7.9	5.0	.7	.0	26.3	25.0	958
AUG	.0	.0	5.5	18.0	31.1	24.7	12.5	5.6	2.7	.0	.0	24.4	24.0	953
SEP	.0	.2	6.1	24.1	26.8	19.1	13.0	6.6	3.3	.6	.0	24.2	23.0	928
OCT	.0	.6	12.8	27.1	22.2	16.5	11.5	4.9	4.0	.4	.0	22.9	21.0	930
NOV	.1	1.9	19.4	24.7	19.0	13.8	9.1	5.2	5.7	1.0	.1	22.4	20.0	900
DEC	.0	1.7	22.5	18.8	17.4	11.8	10.6	7.4	8.4	1.0	.3	23.6	22.0	930
ANNUAL	.0	.8	9.9	18.7	22.5	18.6	14.0	7.9	6.4	1.1	.1	25.2	24.0	11046

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	15.2	3.3	1.0	.1	.1						22.2	7.7	7.0
020-040	3.7	21.2	.8			.1						25.7	6.3	6.0
050-070	1.5	4.4	.4	.1								6.5	5.9	5.0
(E) 080-100	1.3	2.6	.5									4.4	6.0	5.0
110-130	1.3	3.2	.3									4.8	6.1	6.0
140-160	1.3	3.3	.4									5.1	6.3	6.0
(S) 170-190	.8	1.4	.6			.1						2.9	7.5	6.0
200-220	.5	.8	.2									1.5	5.8	5.5
230-250	.4	.6										1.1	5.6	5.5
(W) 260-280	.6	1.5	.1	.1	.1							2.5	7.0	5.0
290-310	.8	1.3	1.0	1.0	.4	.4	.1					4.9	12.6	10.0
320-340	1.1	6.8	3.1	1.5	.8	.3	.2					13.8	10.1	9.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	15.8	62.3	10.7	3.7	1.4	1.0	.3					100.0	7.1	6.5
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.6	19.5	3.8	.3	.2	.1						26.5	7.6	7.0
020-040	3.1	17.2	1.1	.2								21.6	6.4	6.0
050-070	2.0	4.1	.6									6.8	5.9	5.0
(E) 080-100	1.1	2.3	.6									4.0	6.2	5.0
110-130	1.0	3.0	.5									4.5	6.3	6.0
140-160	.5	2.8	1.0	.2								4.5	7.8	7.5
(S) 170-190	.5	2.0	.3									2.9	6.6	7.0
200-220	.6	.5	.2									1.4	5.5	5.0
230-250	.1	.6	.2									1.0	7.0	6.0
(W) 260-280	.4	1.0	.9	.2	.1							2.6	9.1	7.5
290-310	.4	1.5	1.2	.9	.8	.1						4.8	12.4	11.0
320-340	1.0	6.2	3.9	1.8	.9	.3	.1					14.2	10.5	9.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	13.3	60.7	14.3	3.6	2.0	.5	.1					100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.2	16.5	3.8	1.1	.1	.1						23.7	7.8	7.0
020-040	3.0	18.6	1.8	.1								23.5	6.6	7.0
050-070	2.0	3.5	.3									5.9	5.7	5.0
(E) 080-100	2.0	2.2	.1	.1								4.4	5.4	5.0
110-130	.6	2.2	.3									3.1	6.1	5.0
140-160	.9	2.8	1.1	.1								4.8	7.4	7.0
(S) 170-190	1.3	1.2	.3									2.8	5.5	5.0
200-220	.6	.4	.1									1.2	5.6	4.0
230-250	.1	.8	.3		.1							1.3	9.0	8.0
(W) 260-280	.5	.5	.8		.1	.2						2.2	10.0	8.5
290-310	.8	2.4	1.2	.5	.4	.2	.1					5.6	10.7	8.0
320-340	1.7	6.5	5.5	1.4	1.0	.1						16.1	9.9	9.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	15.7	57.6	15.6	3.3	1.7	.6	.1					100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	7.4	4.3	1.1	.3							15.9	8.3	7.0
020-040	3.1	6.0	.4	.1								9.7	5.6	5.0
050-070	3.7	4.2	.2									8.1	5.0	5.0
(E) 080-100	3.2	3.0	.1									6.3	5.1	4.0
110-130	2.4	5.2	1.1									8.6	6.3	6.0
140-160	2.6	6.9	2.0	.8								12.3	7.4	7.0
(S) 170-190	1.9	4.5	1.2	.3	.1							8.1	7.0	6.0
200-220	1.2	.9	.4	.2								2.7	6.8	5.0
230-250	1.0	.8	.2	.1								2.0	5.8	5.0
(W) 260-280	1.3	.5	.1	.1	.2	.1						2.4	7.5	4.0
290-310	1.2	1.4	.8	.8	.8	.2						5.1	11.3	9.0
320-340	1.5	4.2	2.3	2.6	.8	.4						11.7	11.1	10.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	25.9	45.0	13.1	6.1	2.2	.7						100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 12-14

WIND SPEED IN KNOTS													TOTAL %	MEAN WIND	MEDIAN WIND
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	.4	1.9	3.8	2.2	1.0	.1	.1						9.5	13.3	13.0
020-040	.2	1.8	1.2										3.2	8.5	7.5
050-070	1.7	2.7	.6										5.1	5.8	6.0
(E) 080-100	2.2	7.5	.5										10.2	6.0	6.0
110-130	2.6	8.8	3.4	.2									15.1	7.3	7.0
140-160	3.0	9.8	5.0	.5									18.3	7.7	7.5
(S) 170-190	2.8	8.1	3.6	.3									14.7	7.4	7.0
200-220	1.4	1.9	.5	.1	.1								4.1	6.9	6.0
230-250	.4	1.0	.4	.6	.5	.1							3.1	11.8	10.0
(W) 260-280		.7	.9	.6	.5								2.4	14.6	14.5
290-310	.2	.3	1.1	1.4	.6	.2							3.9	15.1	15.0
320-340	.5	1.1	1.2	1.1	1.4	.4							5.7	14.7	15.0
VARIABLE															
CALM	////////////////////////////////////												4.7	////////////////////////////////	
TOTALS	15.4	45.2	22.2	7.0	4.1	.8	.1						100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 929															

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	2.4	2.5	1.8	.5		.1					7.5	12.1	11.5
020-040	.9	1.8	1.1	.3								4.1	8.1	6.5
050-070	2.2	4.2	1.7	.3								8.4	7.2	6.0
(E) 080-100	2.4	5.5	.9									8.7	6.1	6.0
110-130	2.9	9.0	1.7									13.7	6.5	6.0
140-160	4.5	14.0	5.1	.3								23.9	7.3	7.0
(S) 170-190	1.3	4.5	1.6	.5	.1							8.1	7.9	7.0
200-220	.8	1.2	1.0	.8	.2							3.9	9.8	9.5
230-250	.4	1.0	.5	.2				.1				2.3	9.5	8.0
(W) 260-280	.6	.4	.5	.6	.3	.1						2.7	12.3	12.0
290-310	.4	.6	2.2	1.6	.8	.1						5.7	13.4	13.0
320-340	.1	1.8	1.6	1.5	1.3	.4						6.8	14.0	14.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	16.7	46.4	20.4	7.9	3.2	.6	.1	.1				100.0	8.3	7.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.7	11.6	2.8	1.0	.3		.3					18.7	8.1	7.0
020-040	3.2	14.1	.8	.2								18.3	6.1	6.0
050-070	3.5	4.5	.3									8.4	5.5	5.0
(E) 080-100	1.4	4.4	.6									6.5	6.3	6.0
110-130	2.4	5.2	.3									7.8	5.8	6.0
140-160	2.2	4.9	.6									7.7	6.2	6.0
(S) 170-190	1.2	1.3	.5	.3	.1							3.4	7.6	6.0
200-220	.6	.8	.5	.2	.1							2.3	8.4	7.0
230-250	.2	.4	.3	.2								1.2	9.2	9.0
(W) 260-280	.2	.9	.1	.1	.2	.1						1.6	10.6	8.0
290-310	.3	2.2	2.2	1.1	.2	.2						6.1	11.3	10.0
320-340	1.3	4.3	3.4	1.2	.4							10.6	9.6	9.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTAL	19.2	54.6	12.4	4.3	1.3	.3	.3					100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.0	14.2	3.2	1.5	.3	.1						22.4	8.0	7.0
020-040	3.7	18.1	.8	.3								22.8	6.2	6.0
050-070	1.3	4.8	.4	.2								6.8	6.0	6.0
(E) 080-100	2.2	3.2	.2									5.6	5.1	5.0
110-130	1.0	3.5	.5									5.1	6.0	5.0
140-160	1.3	3.8	1.2									6.2	6.6	6.0
(S) 170-190	1.4	1.3	.4									3.1	5.8	5.0
200-220	.2	.8		.1								1.1	7.4	7.0
230-250	.2	.4	.4									1.1	7.7	7.5
(W) 260-280	.1	.9	.2	.2	.4	.2						2.0	13.3	10.0
290-310	.4	1.1	1.6	1.3	1.0	.3	.1					5.8	14.1	14.0
320-340	1.3	6.1	4.2	.9	.2		.1					12.8	9.1	8.0
VARIABLE														
CALM	////////////////////////////////////											5.3	////////////////////////////////	
TOTALS	16.1	58.2	13.1	4.5	1.9	.6	.2					100.0	7.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		2.0	11.1	3.4	1.2	.4	.1	.1					18.3	8.4	7.0
020-040		2.6	12.4	1.0	.2		.0						16.1	6.4	6.0
050-070		2.2	4.1	.6	.1								7.0	5.9	5.0
(E) 080-100		2.0	3.8	.5	.0								6.3	5.8	5.0
110-130		1.8	5.0	1.0	.0								7.8	6.5	6.0
140-160		2.0	6.0	2.0	.2								10.4	7.2	7.0
(S) 170-190		1.4	3.0	1.1	.2	.0	.0						5.8	7.2	6.0
200-220		.8	.9	.4	.2	.1							2.3	7.4	6.0
230-250		.4	.7	.3	.1	.1	.0		.0				1.6	8.8	7.0
(W) 260-280		.5	.8	.4	.3	.3	.1						2.3	10.5	8.0
290-310		.6	1.3	1.4	1.1	.6	.2	.0					5.2	12.5	12.0
320-340		1.1	4.6	3.1	1.5	.8	.3	.1					11.5	10.6	10.0
VARIABLE															
CALM		////////////////////////////////////										5.5	////////////////////////////////		
TOTALS		17.4	53.7	15.2	5.1	2.3	.7	.2					100.0	7.4	7.0
TOTAL NUMBER OF OBSERVATIONS 7437															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.1	2.1	1.8	.9	.2	.2						6.2	9.7	9.0
020-040	1.1	2.1	1.2									4.4	7.1	5.0
050-070	1.8	2.7		.2								4.6	5.0	5.0
(E) 080-100	1.8	4.8	.9									7.4	6.1	5.0
110-130	2.7	11.5	3.0									17.2	7.0	7.0
140-160	5.9	18.1	5.0	.4								29.3	7.1	7.0
(S) 170-190	2.8	5.1	1.2	.4								9.6	6.5	5.0
200-220	.4	.2										.5	4.3	3.0
230-250	.4		.2									.5	6.0	3.0
(W) 260-280	.2	.5										.7	4.5	5.0
290-310	.9	.2		.2	.2	.4						1.8	11.8	4.5
320-340	1.1	2.0	2.3	.7	.9	.4						7.3	11.4	10.0
VARIABLE														
CALM	////////////////////////////////////											10.5	////////	
TOTALS	20.2	49.3	15.6	2.8	1.3	1.0						100.0	6.6	6.0
TOTAL NUMBER OF OBSERVATIONS 564														

OPERATING LOCATION "A"
USAFETAC, ASHE/ILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: FEB HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.5	13.9	3.3	1.6	.2	.7	.1					22.4	8.6	7.0
020-040		3.3	20.4	1.3	.2								25.2	6.1	6.0
050-070		2.5	5.1	.2									7.8	5.5	5.0
(E) 080-100		1.3	1.9	.1									3.3	5.3	5.0
110-130		.7	3.4	.9	.1								5.2	7.2	7.0
140-160		1.5	4.0	1.6									7.2	7.5	7.0
(S) 170-190		1.3	.8	.1									2.2	4.6	4.0
200-220		.1	.4										.5	5.3	5.5
230-250		.6	.2	.2	.1								1.2	6.7	4.5
(W) 260-280		.4	.9	.2		.4							1.9	9.4	8.0
290-310		1.1	1.5	.8	.4		.1						3.9	7.8	6.0
320-340		1.1	6.8	3.4	.9	.1	.2	.2					12.8	9.5	8.0
VARIABLE															
CALM		////////////////////////////////////										6.5	////////////////////////////////		
TOTALS		16.4	59.3	12.1	3.3	.7	1.0	.3					100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	13.8	4.6	.9	.6	.5						23.2	8.4	7.0
020-040	5.2	17.2	.6	.1								23.1	5.8	6.0
050-070	2.4	4.0	.5									6.8	5.8	5.0
(E) 080-100	.9	2.7	.2									3.9	5.7	5.0
110-130	1.1	1.6	.9									3.7	6.8	6.0
140-160	.9	3.1	1.9		.1							6.0	7.8	7.0
(S) 170-190	1.2	.9		.1								2.2	5.0	4.0
200-220	.2	.2										.5	4.8	4.5
230-250	.9	.5	.2									1.6	5.2	3.5
(W) 260-280	1.1	.9	.2		.1							2.4	6.1	5.0
290-310	1.6	2.4	1.4	.4	.1							5.9	7.9	6.0
320-340	2.0	8.8	3.2	1.4	1.1	.2						16.7	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	20.3	56.1	13.7	2.9	2.0	.7						100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.8	16.9	3.9	.9	.4	.1						25.0	7.8	7.0
020-040	3.8	16.7	.6									21.1	6.1	6.0
050-070	1.5	2.5	.2									4.2	5.5	5.0
(E) 080-100	1.3	2.2	.2									3.8	5.8	5.5
110-130	1.5	1.7	.7									3.9	6.5	6.0
140-160	.8	3.2	2.2	.1								6.4	8.2	8.0
(S) 170-190	.6	1.2	.6	.1								2.5	7.7	7.0
200-220	.4	.2	.1									.7	5.7	4.5
230-250	.6	.6										1.2	4.9	4.5
(W) 260-280	1.2	.1	.4	.2	.1							2.0	7.6	4.0
290-310	1.5	3.5	.6	.1	.4							6.1	7.5	6.0
320-340	1.9	8.1	3.7	1.9	.7	.5						16.7	9.7	8.0
VARIABLE														
CALM	////////////////////////////////////											6.4	////////////////////////////////	
TOTALS	17.9	56.9	13.2	3.3	1.6	.6						100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 848

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.7	4.4	3.2	1.5	1.1	.4						12.1	10.6	10.0
020-040	.9	2.5	.9		.1							4.5	7.2	6.0
050-070	1.3	2.7	.5	.2								4.7	6.4	5.0
(E) 080-100	2.8	3.7	.4									6.8	5.3	5.0
110-130	1.9	7.3	.7									9.9	6.4	6.0
140-160	2.5	9.1	4.0	1.2								16.7	7.8	7.0
(S) 170-190	2.6	5.4	2.2	.5	.1							10.8	7.4	7.0
200-220	2.2	1.9	.1									4.2	4.7	4.0
230-250	1.3	.9		.1								2.4	5.0	4.0
(W) 260-280	.8	.6	.6		.2	.4	.1	.1				2.8	12.9	9.5
290-310	1.4	1.1	.4	.4	.4							3.5	8.2	5.0
320-340	2.0	3.5	3.4	1.9	1.1	.4						12.3	11.0	10.5
VARIABLE														
CALM	////////////////////////////////////											9.1	////////////////////////////////	
TOTALS	21.4	43.1	16.4	5.8	3.0	1.2	.1	.1				100.0	7.3	6.0
TOTAL NUMBER OF OBSERVATIONS 848														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.5	2.1	2.9	1.9	.5						10.2	14.5	15.0
020-040	.4	1.2	1.2	.1		.1						2.9	9.7	9.0
050-070	.8	1.8	.5									3.1	6.3	6.0
(E) 080-100	1.9	3.8	.8	.1								6.6	6.3	6.0
110-130	1.6	11.1	2.6	.1								15.4	7.3	7.0
140-160	2.4	16.4	10.1	1.6								30.5	8.7	8.0
(S) 170-190	1.8	8.8	2.2	.1	.4							13.3	7.7	7.0
200-220	1.2	1.4	.4	.5	.2							3.7	8.4	7.0
230-250	.7	.6	.4		.1	.1						1.9	8.6	6.0
(W) 260-280	.4	.2	.2	.2	.1	.5	.5					2.1	18.6	19.5
290-310	.6	.5	.2	.5	.1	.1						2.0	10.5	9.0
320-340	.5	1.4	1.4	1.3	1.5	.2						6.4	14.1	14.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	12.7	49.7	22.1	7.4	4.3	1.5	.5					100.6	9.1	8.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

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

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.2	1.8	2.9	3.3	1.5	.4	.1					10.2	14.7	15.0
020-040	.2	2.5	2.5	.9		.1						6.2	10.6	11.0
050-070	.7	3.4	.8									4.9	7.0	7.0
(E) 080-100	1.6	4.2	1.4									7.3	6.7	6.0
110-130	1.8	9.8	3.3	.4								15.2	7.5	7.0
140-160	2.5	13.1	10.6	1.8								27.9	9.0	9.0
(S) 170-190	1.8	5.1	2.0	.6								9.4	7.5	7.0
200-220	.8	.6	.7	.4		.1						2.6	9.2	8.5
230-250	.4	.7	.6	.6								2.2	10.2	10.0
(W) 260-280	.6	.5	.4	.2	.6							2.2	11.7	12.0
290-310	.2	.7	.8	.6	.1	.1						2.6	12.2	12.0
320-340	.4	1.5	1.8	2.0	1.3	.1						7.1	13.8	14.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	11.2	43.9	27.8	10.8	3.5	.8	.1					100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.0	8.7	2.4	1.1	.8	.5	.1					15.5	9.5	8.0
020-040	1.8	9.0	2.5	.2		.1						13.5	7.3	6.0
050-070	2.5	5.8	1.1									9.3	6.2	6.0
(E) 080-100	1.8	4.0	.4									6.1	5.5	5.0
110-130	3.1	10.1	1.6	.1								15.0	6.4	6.0
140-160	2.2	9.1	2.2	.1								13.7	6.6	6.0
(S) 170-190	.8	2.8	.4									4.0	6.0	6.0
200-220	.7	.4	.2	.2								1.5	7.5	5.0
230-250	.4	.8	.2	.1								1.5	7.5	6.0
(W) 60-280	.1	.5	.2	.1								.9	7.9	7.0
290-310	.2	1.6	.9	.4	.4	.1						3.7	10.7	9.0
320-340	1.3	3.1	2.6	2.4	.5	.1						9.9	10.8	10.0
VARIABLE														
CALM	////////////////////////////////////											5.3	////////////////////////////////	
TOTALS	16.9	55.9	14.7	4.7	1.7	.8	.1					100.0	7.3	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.5	13.3	3.2	1.4	.4	.4						21.1	8.3	7.0
020-040	4.7	15.8	.6	.1								21.2	5.9	5.5
050-070	2.2	5.4	.4									8.0	5.7	5.5
(E) 080-100	1.6	4.1	.1									5.9	6.0	6.0
110-130	1.8	4.0	.9	.1								6.8	6.4	6.0
140-160	1.4	5.2	2.0	.1								8.7	7.4	7.0
(S) 170-190	2.0	1.8	.2									4.0	5.1	4.5
200-220	.4	.2										.6	4.8	3.0
230-250	.4	.1		.1								.6	7.4	4.0
(W) 260-280	.6	.4		.1	.1							1.2	7.4	4.5
290-310	.5	1.4	1.4	.1	.1	.1						3.7	9.8	8.0
320-340	1.3	5.2	3.9	1.3	.7	.2						12.6	10.0	9.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	19.4	56.9	12.7	3.3	1.3	.7						100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: FEB 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		
											%	WIND	WIND
(N) 350-010	1.9	9.4	3.2	1.7	.9	.4	.0				17.5	9.5	8.0
020-040	2.5	10.6	1.3	.2	.0	.0					14.7	6.5	6.0
050-070	1.7	3.8	.5	.0							6.1	6.0	6.0
(E) 080-100	1.7	3.3	.5	.0							5.5	5.9	6.0
110-130	1.7	6.1	1.5	.1							9.4	6.9	6.0
140-160	1.8	7.9	4.3	.6	.0						14.6	8.2	8.0
(S) 170-190	1.5	3.4	1.0	.2	.1						6.1	7.0	6.0
200-220	.8	.7	.2	.1	.0	.0					1.8	6.8	5.0
230-250	.6	.6	.2	.1	.0	.0					1.6	7.0	5.0
(W) 260-280	.6	.5	.3	.1	.2	.1	.1	.0			1.9	10.7	7.5
290-310	.9	1.6	.8	.3	.2	.1					3.9	8.9	7.0
320-340	1.3	4.8	2.9	1.6	.9	.3	.0				11.8	10.5	9.0
VARIABLE													
CALM	////////////////////////////////////										5.1	////////////////////////////////	
TOTALS	17.0	52.7	16.7	5.0	2.3	.9	.1				100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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.

		WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		.6	2.2	1.4	.3	.3	.8						5.7	12.0	10.5
020-040		.6	1.0	.5	.3								2.4	7.7	6.0
050-070		.6	2.1	.2									2.9	5.8	6.0
(E) 080-100		1.4	3.5	.2									5.1	5.7	5.5
110-130		3.3	10.5	4.0	.3								18.2	7.3	7.0
140-160		4.5	16.3	13.1	1.1								34.9	8.3	8.0
(S) 170-190		2.1	3.2	1.1	.2								6.5	6.9	7.0
00-220		.8	.3										1.1	4.1	4.0
230-250		1.1	.3										1.4	4.0	4.0
(W) 260-280		.8	.2										1.0	4.0	3.0
290-310		1.1	1.0	.3									2.4	5.4	5.0
320-340		1.1	3.7	1.4	1.1	.6							8.0	9.5	7.5
VARIABLE															
CALM		////////////////////											10.4	////////	
TOTALS		18.0	44.3	22.2	3.3	.9	.8						100.0	7.0	7.0

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	11.1	3.6	1.6	.4							19.1	8.3	7.0
020-040	2.9	14.4	.5									17.9	6.1	6.0
050-070	1.5	5.6	.4	.1								7.6	6.3	6.0
(E) 080-100	1.3	3.8	.4									5.5	5.8	6.0
110-130	1.2	6.4	1.0	.4								8.9	7.0	6.0
140-160	1.7	3.7	1.3	.2								6.9	7.1	7.0
(S) 170-190	.9	1.2	.5	.2								2.8	7.3	6.5
200-220	.8	.4	.3	.2								1.7	7.6	6.0
230-250	.4	.8	.3	.1								1.6	7.9	6.0
(W) 260-280	.8	.8	.6									2.2	6.6	6.0
290-310	1.1	2.5	.8	.5	.2		.1					5.2	9.0	7.0
320-340	1.2	7.3	4.8	2.4	1.4	.2						17.3	10.9	10.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	16.2	58.0	14.5	5.7	2.0	.2	.1					100.0	7.6	7.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.0	13.4	3.1	1.9	.3							21.8	8.1	7.0
020-040	3.4	13.5	1.1	.4	.1							18.6	6.4	6.0
050-070	3.2	4.6	.6	.2								8.7	6.0	5.0
(E) 080-100	.6	2.0	.3	.1								3.1	6.8	6.0
110-130	.8	2.5	1.2	.2								4.6	7.9	7.0
140-160	1.4	3.4	.8	.5	.1							6.2	7.4	7.0
(S) 170-190	.8	1.6	1.0									3.3	7.1	6.0
200-220	.3	.6	.2	.3								1.5	9.1	8.0
230-250	.3	.5	.3									1.2	7.5	7.0
(W) 260-280	.8	1.0	.8	.1		.1						2.7	8.1	7.0
290-310	.5	3.3	.9	.4	.4							5.6	9.0	7.0
320-340	2.0	5.8	3.7	2.8	2.2	.6						17.1	11.6	10.0
VARIABLE														
CALM	////////////////////////////////////										5.5	////////////////////////////////		
TOTALS	17.1	52.2	14.0	6.9	3.1	.7						100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECCRD: OCT 79 - SEP 89
MONTH: MAR HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.9	13.0	4.5	1.7	.2							22.4	8.2	7.0
020-040	3.0	12.2	1.0	.2								16.3	6.3	6.0
050-070	2.4	4.0	.2	.1								6.7	5.5	5.0
(E) 080-100	1.1	2.0	.3									3.4	6.0	6.0
110-130	1.4	1.9	1.5	.1								4.9	7.3	7.0
140-160	2.2	3.1	1.2	.2								6.7	6.8	6.0
(S) 170-190	1.6	1.9	.5	.9								4.9	7.8	6.0
200-220	.6	.5		.3								1.5	7.3	5.5
230-250	.5	.9	.4		.2	.1						2.2	9.3	7.5
(W) 260-280	.4	.2	.5	.2	.1	.1						1.6	11.7	11.0
290-310	.8	1.7	.6	.8	.2	.1						4.2	9.7	7.0
320-340	2.3	6.0	3.8	2.8	2.6	.5						18.0	11.8	10.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	19.2	47.4	14.5	7.3	3.3	.8						100.0	7.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	2.0	3.3	1.9	1.1	.8	.1					10.3	13.2	12.0
020-040	1.4	2.6	.8	.4								5.2	7.5	6.5
050-070	2.0	1.5	.3									3.9	5.1	4.0
(E) 080-100	1.7	3.8	.8									6.2	5.8	5.0
110-130	2.4	8.0	2.4									12.7	7.0	7.0
140-160	2.0	7.0	5.1	.5	.3							14.9	8.6	8.0
(S) 170-190	1.6	6.0	2.8	.4	.6	.1						11.6	8.7	8.0
200-220	.9	2.5	.8	.6	.4	.1						5.3	9.3	7.0
230-250	1.2	1.0	.8	.4	.3	.1	.1					3.9	10.4	8.0
(W) 260-280	.6	.8	.5	.2	.2	.1	.2					2.7	11.5	9.0
290-310	1.0	1.8	1.1	.6	1.0							5.5	11.0	9.0
320-340	.8	2.0	3.5	3.4	2.0	.5						12.4	14.3	14.0
VARIABLE														
CALM	////////////////////											5.5	////////	
TOTALS	16.7	39.0	22.2	8.4	5.9	1.7	.4					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.3	1.6	2.7	3.5	2.4	1.2						11.7	16.0
020-040	.3	1.7	1.9	.6	.1							4.7	10.2
050-070	1.0	2.9	.9	.1								4.8	6.8
(E) 080-100	1.8	3.3	.9	.1								6.1	6.3
110-130	1.5	4.9	3.0	.3	.1							9.9	8.2
140-160	1.6	8.1	10.1	2.5	.4							22.7	10.2
(S) 170-190	1.3	5.9	4.7	1.6	.9							14.4	10.2
200-220	.3	1.4	1.2	.6	.8	.1		.1				4.5	13.0
230-250	.5	.6	.6	1.0	.2	.5						3.5	13.5
(W) 260-280	.3	.6	.8	.4	.8	.2						3.1	14.0
290-310		.8	1.3	.8	.6	.2	.1					3.8	15.1
320-340	.2	1.3	1.6	2.3	2.6	1.1						9.0	16.9
VARIABLE													
CALM	////////////////////////////////////										1.6	////////////////////////////////	
TOTALS	9.1	33.1	29.7	13.8	8.9	3.3	.1	.1				100.0	11.3
TOTAL NUMBER OF OBSERVATIONS 930													

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.3	2.2	4.8	4.0	2.5	.4						14.2	14.3	14.0
020-040	.6	1.5	1.4	.2	.1							3.9	9.2	8.0
050-070	.9	1.6	1.0	.2	.1							3.8	8.1	7.0
(E) 080-100	1.0	2.3	1.0									4.2	7.1	7.0
110-130	.4	4.3	4.2	1.2	.2							10.3	10.4	10.0
140-160	1.0	6.7	10.2	4.9	.4							23.2	11.0	10.5
(S) 170-190	1.1	4.0	3.3	2.6	.6							11.6	11.0	10.5
200-220	.3	1.8	1.5	.8	.8	.3						5.5	12.6	11.0
230-250	.2	.8	1.2	.9	.3							3.3	12.3	13.0
(W) 260-280	.5	1.0	.9	.6	.4	.2						3.7	11.7	11.5
290-310	.4	.8	1.5	1.6	.6	.2						5.2	13.6	14.0
320-340	.2	1.3	2.7	2.8	2.2	1.0						10.1	16.1	16.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	6.9	28.3	33.7	19.8	8.2	2.1						100.0	11.7	11.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.6	6.8	5.4	2.6	1.2	.1						16.7	11.1	10.0
020-040	1.0	4.4	1.9									7.3	7.4	7.0
050-070	1.2	3.3	.8	.3								5.6	7.1	6.5
(E) 080-100	.8	4.1	1.2	.2								6.2	7.7	7.0
110-130	.8	10.5	2.0	.2	.2							13.8	7.8	7.5
140-160	1.3	7.2	4.1									12.6	8.0	8.0
(S) 170-190	1.0	4.6	1.7	1.0								8.3	8.4	7.0
200-220	.3	1.3	1.0	.3								2.9	9.1	8.0
230-250	.3	.8	.8	.3	.1							2.3	9.5	10.0
(W) 260-280	1.1	.8	.8	.3	.1							3.0	8.4	7.5
290-310	.5	1.8	1.1	1.0	.4	.1						4.9	10.8	10.0
320-340	.9	3.0	5.4	3.0	1.8							14.1	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	9.8	48.6	26.2	9.2	3.8	.2						100.0	9.1	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.5	9.6	4.6	1.7	.2							17.6	8.9	8.0
020-040	2.8	10.2	1.1	.1								14.2	6.4	6.0
050-070	2.0	4.3	.4	.1								6.9	6.1	5.0
(E) 080-100	1.8	4.9	.8									7.5	6.3	6.0
110-130	1.5	5.4	1.0	.1								8.0	6.6	6.0
140-160	1.6	5.1	1.6	.2								8.5	7.4	7.0
(S) 170-190	.9	3.2	.5	.6								5.3	7.9	7.0
200-220	.3	.4	.3	.1								1.2	8.1	7.0
230-250	.2	1.0	.2	.1	.1							1.6	8.3	6.0
(W) 260-280	.1	.6	.2	.3	.1		.1					1.5	11.9	9.0
290-310	.8	2.0	1.7	.5	.4							5.5	9.8	9.0
320-340	1.8	6.0	5.5	3.0	1.6	.2						18.2	11.0	10.0
VARIABLE														
CALM	////////////////////											4.1	////////	
TOTALS	15.3	52.7	17.9	6.8	2.4	.2	.1					100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.5	7.5	4.0	2.4	1.0	.3	.0					16.7	10.4	9.0
020-040	1.9	7.6	1.2	.3	.0							11.0	6.8	6.0
050-070	1.8	3.5	.6	.1	.0							6.0	6.3	5.5
(E) 080-100	1.3	3.3	.7	.1								5.3	6.5	6.0
110-130	1.2	5.5	2.0	.3	.1							9.1	7.8	7.0
140-160	1.6	5.5	4.3	1.1	.2							12.7	9.0	9.0
(S) 170-190	1.1	3.6	1.9	.9	.3	.0						7.8	9.2	8.0
200-220	.5	1.1	.7	.4	.2	.1		.0				3.0	10.4	8.0
230-250	.5	.8	.6	.3	.2	.1	.0					2.4	10.5	9.0
(W) 260-280	.6	.7	.6	.3	.2	.1	.0					2.6	10.6	9.0
290-310	.6	1.8	1.1	.8	.5	.1	.0					5.0	10.9	10.0
320-340	1.2	4.1	3.9	2.8	2.0	.5						14.5	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	13.8	45.0	21.6	9.8	4.7	1.2						100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.6	4.3	3.5	1.3	.6							10.3	10.6	10.0
020-040	.7	2.7	1.3	.4								5.2	8.7	8.0
050-070	1.3	2.5	.9									4.7	6.9	7.0
(E) 080-100	1.2	3.1	1.2	.1								5.6	7.0	6.0
110-130	1.8	8.9	5.0	.4								16.1	8.1	8.0
140-160	4.0	11.1	3.7									18.8	7.0	7.0
(S) 170-190	2.5	5.0	.3									7.8	5	5.0
200-220	1.5	.7										2.2	4.0	4.0
230-250	1.0											1.0	3.7	4.0
(W) 260-280	.9	.1										1.0	3.9	4.0
290-310	1.2	1.6		.3	.3							3.4	7.4	5.0
320-340	1.9	2.4	3.2	4.9	4.7	.6						17.7	14.9	16.5
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	18.6	42.4	19.1	7.4	5.6	.6						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 677

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	13.5	5.0	2.0	.7							23.1	8.9	8.0
020-040	3.1	13.0	1.1	.2								17.5	6.6	6.0
050-070	2.0	5.3	.4									7.8	5.8	5.0
(E) 080-100	1.4	3.2	.8	.1								5.6	6.3	6.0
110-130	1.6	4.9	.4	.2								7.1	6.4	6.0
140-160	1.0	3.1	.7	.4								5.2	7.6	7.0
(S) 170-190	.4	1.6	.7	.7								3.3	9.2	8.0
200-220		.3	.6		.1							1.0	11.8	13.0
230-250	.2	.2	.1	.1								.7	8.0	6.5
(W) 260-280	.3	.9		.1	.1							1.4	7.3	6.0
290-310	.4	1.4	.7	.7	.1							3.3	9.4	7.5
320-340	1.2	6.8	6.3	3.0	1.4	.6	.2					19.6	11.6	10.5
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	13.6	54.2	16.8	7.5	2.4	.6	.2					100.0	8.0	7.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR JRS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	16.1	6.4	1.6	.4							26.9	8.5	8.0
020-040	3.4	16.1	.6									20.1	5.9	6.0
050-070	1.0	3.3	.1									4.4	5.5	5.0
(E) 080-100	.8	2.7	.7									4.1	6.9	6.0
110-130	1.3	3.7	.8	.1								5.9	6.9	7.0
140-160	1.0	3.0	1.8	.1								5.9	7.8	8.0
(S) 170-190	.7	1.0	.9		.1							2.7	7.4	5.0
200-220	.6	.9	.2	.1								1.8	6.9	6.0
230-250	.2	.2	.1									.6	6.0	6.0
(W) 260-280	.2	.9	.2	.2	.1							1.7	8.9	7.0
290-310	.3	1.9	.8	.1	.3							3.4	9.0	8.0
320-340	1.7	7.3	4.9	3.1	1.2		.1	.2				18.6	11.0	10.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	13.5	57.1	17.5	5.3	2.1		.1	.2				100.0	7.7	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.1	11.0	4.6	2.4	.2							20.3	8.8	8.0
020-040	2.4	8.3	.4									11.2	5.7	5.0
050-070	2.2	3.0	.3									5.6	5.5	5.0
(E) 080-100	1.4	2.3	.7									4.4	6.3	5.0
110-130	1.4	4.0	1.0	.2								6.7	6.9	6.0
140-160	1.6	3.7	2.1	.4								7.8	8.0	7.5
(S) 170-190	.6	2.6	1.0	.3								4.4	8.4	8.0
200-220	.3	1.0	.3	.2								1.9	8.3	7.0
230-250	.8	1.3	.2	.2		.1						2.7	7.3	5.0
(W) 260-280	1.0	.9	.1	.2				.1				2.3	7.5	5.0
290-310	2.0	2.9	.4	.1	.1							5.6	6.3	5.0
320-340	2.2	8.1	6.2	2.4	1.0	.1		.3				20.4	10.5	9.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////////////////////////////	
TOTALS	18.0	49.1	17.3	6.4	1.3	.2		.4				100.0	7.5	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.9	3.6	4.1	3.6	1.3	.4						13.9	12.8	13.0
020-040	1.2	3.0	1.7	.8	.1							6.8	8.7	8.0
050-070	.7	1.4	.3									2.4	6.2	5.5
(E) 080-100	1.2	2.6	.9	.2								4.9	6.7	5.0
110-130	1.3	6.9	3.0	.1								11.3	7.6	7.0
140-160	1.4	10.1	7.8	2.0	.2							21.6	9.5	9.0
(S) 170-190	1.2	5.0	2.8	1.2	.3	.1						10.7	9.4	8.0
200-220	1.2	1.8	1.0	.3	.7	.1						5.1	9.8	7.5
230-250	.7	1.6	.2	.4	.1							3.0	8.0	6.0
(W) 260-280	.6	.7	.3	.2			.2					2.0	10.1	6.0
290-310	.2	.8	1.3	.2	.3	.4		.1				3.4	13.7	11.0
320-340	1.0	2.1	3.6	2.7	1.2	.3	.1	.1				11.1	13.3	13.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	11.6	39.6	27.0	11.7	4.2	1.3	.3	.2				100.0	9.7	9.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.9	2.6	3.1	4.6	1.6	.4						13.1	13.8	14.5
020-040	.3	2.8	2.0	1.2	.9							7.2	11.4	10.0
050-070	.7	2.2	.7	.4	.1							4.1	8.2	7.0
(E) 080-100	.6	2.3	.7	.1								3.7	7.2	6.0
110-130	.7	3.6	2.9	.3	.1							7.6	9.1	9.0
140-160	.9	5.6	10.4	2.8	.8							20.4	11.2	11.0
(S) 170-190	.9	5.6	6.1	3.2	.9	.2						16.9	11.4	10.0
200-220	.9	1.6	1.3	1.2	.7	.6						6.2	12.8	12.0
230-250	.3	.9	1.3	.7	.3							3.6	11.3	11.5
(W) 260-280	.3	.7	.8	.7	.8	.2						3.4	14.2	14.0
290-310	.2	1.0	1.0	1.0	.2	.1	.2					3.8	13.4	13.0
320-340	.3	1.7	1.4	2.6	2.1	.2	.2	.2				8.8	15.9	16.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	7.0	30.6	31.7	18.8	8.5	1.7	.4	.2				100.0	11.7	11.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	2.1	3.2	4.7	2.4	.3						13.0	14.9	15.0
020-040	.3	2.3	2.8	1.4	.3							7.2	11.1	10.0
050-070	.4	1.6	1.7	.8	.4							4.9	10.7	10.0
(E) 080-100	.4	2.6	1.0	.3								4.3	8.2	8.0
110-130	.1	4.2	2.1	.2	.2							6.9	9.2	8.5
140-160	.6	4.3	9.0	4.1	.3							18.3	11.6	12.0
(S) 170-190	.8	4.6	5.1	2.2	.7		.1					13.4	11.2	10.0
200-220	.4	3.2	1.3	1.1	1.6	.2	.1					8.0	12.8	12.0
230-250	.1	1.4	1.3	2.0	.2							5.1	12.8	13.5
(W) 260-280	.7	.9	1.3	1.6	.8	.1						5.3	13.1	14.0
290-310	.2	1.0	1.2	.8	.7	.2	.1					4.2	14.3	13.5
320-340	.2	1.3	2.7	2.1	1.3	.7	.3					8.7	15.9	15.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	4.4	29.5	32.7	21.3	8.9	1.5	.6					100.0	12.2	12.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.8	4.3	5.8	2.2	1.1	.2						14.4	11.7	11.0
020-040	.3	4.7	2.6	.9								8.4	9.4	8.5
050-070	.3	5.4	1.2									7.0	7.5	7.0
(E) 080-100	.6	3.3	1.2	.2								5.3	8.0	7.0
110-130	.9	7.2	2.8	.2								11.1	7.7	7.5
140-160	1.7	6.7	4.0	.7	.1							13.1	8.8	8.0
(S) 170-190	.7	3.0	1.8	.9	.1							6.4	9.3	8.5
200-220	.4	1.4	1.8	.3	.1							4.1	9.5	10.0
230-250		1.8	.6	.8	.1		.1					3.3	11.4	9.0
(W) 260-280	.7	1.7	1.3	.9	.1							4.7	10.1	9.5
290-310	.9	3.0	1.9	.4	.7							6.9	9.7	9.0
320-340	.3	3.2	4.1	2.7	1.6	.1	.3					12.3	13.1	12.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	7.6	45.7	29.1	10.2	3.9	.3	.4					100.0	9.6	9.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATON "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.0	10.8	4.9	2.4	1.0	.1	.1					20.3	10.0	8.0
020-040	2.9	7.8	1.4	.4	.1							12.7	7.0	6.0
050-070	1.9	5.2	.3	.3								7.8	6.4	6.0
(E) 080-100	1.3	3.7	.6	.1								5.7	6.0	5.0
110-130	1.7	6.0	1.3									9.0	6.8	6.0
140-160	1.3	6.1	1.3	.6								9.3	7.5	7.0
(S) 170-190	.4	1.3	.4	.2	.1							2.6	8.0	6.0
200-220	.6	.6	.9	.1								2.1	8.5	8.0
230-250	.1	.7	.6									1.3	7.6	6.0
(W) 260-280	.4	.7	.2	.1								1.4	7.8	6.0
290-310	.9	2.2	1.1	.7	.3	.1						5.3	9.6	8.0
320-340	1.2	9.1	4.6	2.0	1.6	.1	.1					18.7	10.4	9.0
VARIABLE														
CALM	////////////////////											3.8	////	////
TOTALS	13.7	54.2	17.6	6.9	3.1	.3	.2					100.0	8.1	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.3	8.0	4.6	2.9	1.1	.2	.0					18.1	10.6	9.0
020-040		1.8	7.3	1.6	.6	.2							11.4	7.5	7.0
050-070		1.2	3.4	.6	.2	.1							5.5	6.9	6.0
(E) 080-100		1.0	2.8	.8	.1								4.8	6.9	6.0
110-130		1.1	5.1	1.8	.2	.0							8.2	7.6	7.0
140-160		1.2	5.3	4.6	1.4	.2							12.7	9.6	9.0
(S) 170-190		.7	3.1	2.3	1.1	.3	.0	.0					7.6	10.1	9.5
200-220		.6	1.3	.9	.4	.4	.1	.0					3.8	10.9	9.0
230-250		.3	1.0	.6	.5	.1	.0	.0					2.5	10.2	9.0
(W) 260-280		.5	.9	.5	.5	.2	.0	.0	.0				2.8	10.8	9.0
290-310		.7	1.8	1.1	.5	.3	.1	.0	.0				4.5	10.4	8.0
320-340		1.0	5.0	4.2	2.6	1.4	.3	.2	.1				14.8	12.1	11.0
VARIABLE															
CALM		////////////////////////////////////										3.4	////////		
TOTALS		11.4	45.0	23.6	11.0	4.3	.7	.2	.1				100.0	9.3	8.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	2.2	3.9	2.5	1.7	.2						10.8	13.8	13.0
020-040	.5	4.7	3.0	.2								8.4	8.2	8.5
050-070	1.0	2.0	1.2									4.2	7.2	7.0
(E) 080-100	2.0	3.0	1.5	.7								7.1	7.7	7.0
110-130	1.5	9.6	2.2	.5								13.8	7.5	7.0
140-160	2.0	8.4	6.4	.7								17.5	8.6	9.0
(S) 170-190	1.5	4.9	1.0	.7								8.1	7.6	7.0
200-220	1.2	.5	.5	.2								2.5	7.2	5.5
230-250	.2	.7										1.0	5.0	5.0
(W) 260-280	.2	.5						.2				1.0	13.0	7.0
290-310	1.5	.5	.2									2.2	4.8	4.0
320-340	.7	3.2	5.7	3.9	3.2	.5	1.0	.7				19.0	15.7	14.0
VARIABLE														
CALM	////////////////////											4.4	////////	
TOTALS	2.5	40.2	25.	9.4	4.9	.7	1.0	.9				100.0	9.6	9.0

TOTAL NUMBER OF OBSERVATIONS 406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	12.5	3.3	1.2	.5							19.7	8.1	7.0
020-040	2.2	11.3	1.0									14.4	6.0	6.0
050-070	3.0	5.3	.5									8.8	5.5	5.0
(E) 080-100	2.4	4.1	.5									7.0	5.6	5.0
110-130	1.1	4.7	1.1	.1								7.0	7.1	7.0
140-160	1.0	4.4	.4	.1	.1	.1						6.1	7.3	7.0
(S) 170-190	.9	1.6	.6									3.1	7.0	7.0
200-220	.5	.9	.1	.2	.1							1.8	7.9	5.0
230-250	.6	.8	.4	.1	.1							2.0	7.7	5.0
(W) 260-280	.6	.8	.3	.1	.1							1.9	7.5	5.0
290-310	1.1	1.9	1.1	.3	.4							4.8	8.9	7.0
320-340	2.3	8.4	5.6	2.4	1.0							19.6	9.8	9.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	17.9	56.7	14.9	4.5	2.3	.1						100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	14.6	4.6	1.2	.4							23.5	8.0	7.0
020-040	2.9	13.4	.5									16.9	5.8	6.0
050-070	2.7	5.2	.2									8.1	5.3	5.0
(E) 080-100	2.0	3.8	.1									5.9	5.6	5.0
110-130	1.4	4.3	.4		.1							6.2	6.5	6.0
140-160	.9	2.9	1.0	.4								5.2	7.7	6.5
(S) 170-190	.6	.3	.2									1.2	5.6	4.0
200-220	.2	.8	.1									1.1	6.1	5.0
230-250	1.0	.3	.4	.4	.1							2.3	8.9	5.0
(W) 260-280	.4	.5	.1		.1							1.2	6.5	5.0
290-310	1.0	3.0	1.0									4.9	6.8	6.5
320-340	1.9	9.2	4.2	1.2	1.1	.2	.1					18.0	9.6	8.0
VARIABLE														
CALM	////////////////////											5.6	////////	
TOTALS	17.7	58.3	12.8	3.2	1.8	.2	.1					100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	8.2	3.2	1.6	.3							16.1	8.4	8.0
020-040	2.9	4.7	.4	.1								8.2	5.7	5.0
050-070	2.8	3.9	.2									6.9	5.4	5.0
(E) 080-100	3.8	3.9	.3									8.0	5.2	5.0
110-130	1.7	4.3	1.2									7.2	6.6	6.0
140-160	2.5	5.5	1.5	.3								9.8	6.9	6.0
(S) 170-190	1.2	4.1	1.1	.3	.2							6.9	7.8	7.0
200-220	.9	.8	.3	.1								2.0	6.3	5.0
230-250	1.1	.9	.5	.1								2.6	6.7	5.0
(W) 260-280	.6	1.1	.1		.2	.1						2.2	8.0	5.0
290-310	1.0	2.8	.9	.2	.1							4.9	7.5	6.0
320-340	2.0	6.2	4.7	2.3	1.1	.3	.3					17.0	10.9	10.0
VARIABLE														
CALM	////////////////////											8.3	////////	
TOTALS	23.3	46.4	14.4	5.0	1.9	.4	.3					100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.8	1.9	4.9	1.6	.3	.3						9.9	11.9	12.0
020-040	.4	2.3	1.5	.1								4.3	8.4	8.0
050-070	1.0	1.2	.6									2.8	6.7	6.0
(E) 080-100	1.9	2.3	.5									4.7	6.0	5.0
110-130	2.2	7.2	2.9	.6								12.9	7.6	7.0
140-160	1.8	10.2	10.3	1.8	.4							24.6	9.6	10.0
(S) 170-190	1.4	7.3	5.1	2.0	.3	.1	.1					16.3	9.9	9.0
200-220	.8	1.8	1.1	.8	.2							4.6	9.7	8.0
230-250	1.0	.8	.4	.4	.1							2.7	8.4	7.0
(W) 260-280	.5	.9	.4	.4								2.3	8.3	6.0
290-310	.1	1.1	.9	.2	.1	.1	.1					2.6	12.0	10.5
320-340	.6	1.9	2.0	1.7	1.3	.5	.4	.2	.1			8.9	15.1	14.0
VARIABLE														
CALM	////////////////////											3.3	////////////////	
TOTALS	12.5	38.9	30.6	9.6	2.7	1.0	.6	.2	.1			100.0	9.5	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 SEP 89
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.9	3.8	2.0	.6	.3						8.8	13.0	13.0
020-040	.1	1.2	2.6	.5								4.4	10.8	12.0
050-070		2.0	1.0	.4	.1							3.5	9.3	8.0
(E) 080-100	.1	2.6	1.1	.2								4.0	8.5	8.0
110-130	.4	5.4	4.4	1.2	.3							11.7	9.9	10.0
140-160	.6	7.0	11.4	5.7	.6							25.4	11.6	12.0
(S) 170-190	.4	4.4	7.2	3.9	1.2	.2	.3					17.6	12.7	12.0
200-220	.3	1.5	2.0	1.4	.1	.2	.1					5.7	12.4	12.0
230-250	.5	1.6	1.4	.5								4.1	9.6	9.0
(W) 260-280	.2	1.4	1.0	1.0	.4	.1						4.1	12.1	11.0
290-310	.4	1.0	.9	.4	.4	.1						3.2	11.4	10.0
320-340	.2	.8	2.2	1.0	1.2	.6	.9					6.8	17.3	16.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	3.3	30.8	39.0	18.2	4.9	1.5	1.3					100.0	11.8	11.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.5	4.0	3.0	1.1	.2	.1					11.1	13.2	13.0
020-040	.6	1.9	1.9	.8	.1							5.4	9.6	10.0
050-070	.9	2.5	2.2	.1	.2							5.8	8.9	8.0
(E) 080-100	.5	2.6	1.7	.4	.2	.1	.1					5.7	9.9	8.0
110-130	1.0	3.6	3.4	.9	.4		.1					9.4	10.3	10.0
140-160	.5	5.2	9.9	4.5	1.3	.3						21.7	12.3	12.0
(S) 170-190	.4	4.3	5.9	3.4	.4	.1						14.6	11.6	11.0
200-220	.2	1.6	2.2	2.0	.9		.2					7.1	13.7	13.0
230-250	.8	.9	.9	.8	.5							3.8	11.5	12.0
(W) 260-280	.2	.9	1.6	.5								3.2	10.8	11.0
290-310	.2	1.1	.9	1.1	.4							3.7	12.6	13.0
320-340	.2	1.3	1.8	1.6	1.5	.8	.3					7.5	15.8	15.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	5.7	28.4	36.4	19.1	7.0	1.5	.8					100.0	11.8	12.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	5.4	5.2	2.6	.5		.1					14.3	10.8	10.0
020-040	.4	3.4	2.8	.3								7.0	9.1	9.0
050-070	.6	3.9	1.2	.2								5.9	7.8	8.0
(E) 080-100	.3	5.1	1.9	.4	.1							7.8	8.6	8.0
110-130	.9	6.2	4.2	1.1	.1							12.5	9.3	8.0
140-160	.3	7.8	4.0	1.0	.3							13.4	9.3	8.0
(S) 170-190	1.0	3.8	2.9	.8	.1							8.5	9.2	8.0
200-220	.6	1.8	1.9	1.1	.1	.2						5.8	10.9	10.0
230-250	.1	1.2	.9	.2	.2	.1						2.7	11.1	10.0
(W) 260-280	.4	1.4	1.0	.2	.1							3.1	8.9	8.0
290-310	.8	2.5	1.6	.4	.3							5.6	9.5	8.5
320-340	.1	4.1	3.9	1.4	1.4	.1						11.0	11.5	10.0
VARIABLE														
CALM	////////////////////////////////////											2.4	////////////////////////////////	
TOTALS	6.0	46.6	31.5	9.7	3.2	.4	.1					100.0	9.5	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.9	8.8	5.3	1.1	.4		.2					16.7	9.4	8.0
020-040	2.5	8.3	1.9	.1								12.8	6.7	6.0
050-070	1.7	4.9	.3									7.0	6.0	6.0
(E) 080-100	1.2	5.1	1.2									7.4	6.7	6.0
110-130	1.2	5.6	1.3	.2								8.3	7.1	7.0
140-160	1.4	5.9	.9	.2								8.4	7.1	7.0
(S) 170-190	1.3	2.8	1.1		.1							5.3	7.3	6.0
200-220	.6	1.1	1.2	.1	.2							3.2	9.0	8.0
230-250	.6	1.2	.3	.1	.1							2.4	7.3	5.0
(W) 260-280	.5	1.1	.2	.1								1.9	7.3	6.0
290-310	.5	2.7	.5	.4	.3							4.5	8.9	7.0
320-340	1.1	8.5	6.0	1.9	.8		.1					18.4	10.0	9.0
VARIABLE														
CALM	////////////////////											3.8	////////	
TOTALS	13.5	56.0	20.2	4.2	1.9		.3					100.0	7.7	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: ALL

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		1.3	7.0	4.3	1.8	.5	.1	.1					15.0	9.7	9.0
020-040		1.5	5.8	1.6	.2	.0							9.2	7.0	6.0
050-070		1.6	3.6	.8	.1	.0							6.1	6.6	6.0
(E) 080-100		1.5	3.7	.9	.1	.0	.0	.0					6.3	6.9	6.0
110-130		1.2	5.2	2.4	.5	.1		.6					9.4	8.3	7.0
140-160		1.1	6.1	4.9	1.8	.3	.1						14.3	9.9	9.0
(S) 170-190		.9	3.6	3.0	1.3	.3	.1	.1					9.2	10.2	10.0
200-220		.5	1.3	1.1	.7	.2	.1	.0					3.9	10.8	10.0
230-250		.7	.9	.7	.3	.1	.0						2.8	9.1	8.0
(W) 260-280		.5	1.0	.6	.3	.1	.0						2.5	9.3	8.0
290-310		.6	2.0	1.0	.4	.3	.0	.0					4.3	9.4	8.0
320-340		1.1	5.1	3.8	1.7	1.2	.3	.3	.0	.0			13.4	11.5	10.0
VARIABLE															
CALM		////////////////////////////////////										3.6	////////////////////////////////		
TOTALS		12.5	45.3	25.1	9.2	3.1	.7	.5					100.0	8.9	8.0
TOTAL NUMBER OF OBSERVATIONS 7439															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	3.2	1.3	.8	.5							6.4	9.9	8.0
020-040	.3	2.1	.8	.3								3.5	8.4	7.0
050-070	1.3	2.1	.5									4.0	6.6	6.0
(E) 080-100	1.3	5.9	2.1									9.4	7.3	7.0
110-130	1.9	10.7	9.1	1.1								22.8	9.0	8.0
140-160	2.4	12.1	5.9	.3								20.6	7.9	7.0
(S) 170-190	.5	6.4	2.4	.3			.3					9.9	8.6	8.0
200-220	.5	1.1	.3				.5					2.4	11.7	6.0
230-250	.3		.3									.5	7.0	7.0
(W) 260-280	.5	.5										1.1	5.3	4.5
290-310		1.6		.5	1.6							3.8	14.7	17.0
320-340	1.6	1.9	3.8	1.1	.8	1.9	1.1					12.1	14.6	11.0
VARIABLE														
CALM	////////////////////											3.5	////////	
TOTALS	11.1	47.6	26.5	4.4	2.9	1.9	1.9					100.0	9.1	8.0

TOTAL NUMBER OF OBSERVATIONS 373

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	13.9	2.9	1.9								21.9	7.8	7.0
020-040	4.0	12.8	.9	.1	.1							17.9	6.1	6.0
050-070	2.8	4.9	.4									8.1	5.7	5.0
(E) 080-100	1.1	3.8	.9									5.8	6.7	6.0
110-130	1.6	4.1	.6		.1							6.3	6.5	6.0
140-160	1.4	5.2	.4									7.1	6.3	6.0
(S) 170-190	.7	1.8	.1									2.6	5.9	6.0
200-220	.1	.3	.3									.8	8.6	8.0
230-250	.3	.7	.1	.1								1.2	6.5	5.0
(W) 260-280	.3	1.1		.1								1.6	7.1	7.0
290-310	1.4	2.9	.3									4.7	5.9	6.0
320-340	1.7	9.7	3.6	1.6	.6	.1						17.1	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	18.6	61.2	10.5	3.8	.8	.1						100.0	6.7	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	16.9	3.3	1.7	.2							26.0	7.4	6.0
020-040	5.2	16.1	1.1									22.4	5.7	5.0
050-070	3.2	3.9	.2									7.3	5.1	5.0
(E) 080-100	1.9	2.6										4.4	5.4	5.0
110-130	1.4	2.9	.3									4.7	5.9	5.5
140-160	1.1	2.3	.8									4.2	6.8	6.5
(S) 170-190	.4	1.2	.1									1.8	5.8	6.0
200-220	.3	.4	.1									.9	5.8	5.0
230-250	.1	.3	.1	.1								.7	6.2	6.0
(W) 260-280	.6	.7		.1								1.3	5.8	5.0
290-310	1.0	2.3	.1									3.4	5.5	5.0
320-340	3.1	10.6	2.9	1.4	.3							18.3	7.9	7.0
VARIABLE														
CALM	////////////////////											4.4	////////	
TOTALS	22.2	60.2	9.0	3.3	.5							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.6	9.8	3.1	1.8	.2							18.4	8.0	7.0
020-040	4.4	3.7	.4		.1							8.7	5.2	4.0
050-070	4.0	2.3	.1									6.4	4.8	4.0
(E) 080-100	2.4	3.4	.2									6.1	5.2	5.0
110-130	2.1	3.9	.6									6.6	5.9	6.0
140-160	2.4	5.0	2.4	.2								10.1	7.1	6.0
(S) 170-190	2.1	3.3	.9									6.3	6.3	6.0
200-220	1.2	.3										1.6	4.4	4.0
230-250	1.0	.4										1.4	4.3	4.0
(W) 260-280	.6	1.2	.1	.3								2.2	7.1	5.5
290-310	2.2	1.9	.4									4.6	5.3	5.0
320-340	3.7	7.9	2.3	1.3	.6							15.8	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											11.8	////////////////////////////////	
TOTALS	29.7	43.1	10.5	3.6	.9							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	IND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	3.9	2.4	.4	.2							7.5	9.4	8.0
020-040	.3	1.8	1.0	.3								3.4	8.5	8.0
050-070	1.1	2.8	.6									4.4	6.5	6.0
(E) 080-100	1.7	4.9	.3									6.9	6.0	6.0
110-130	2.3	7.9	1.7									11.9	6.7	6.0
140-160	2.7	14.7	10.2	1.2								28.8	8.8	8.0
(S) 170-190	2.9	8.3	4.2	.8	.1							16.4	7.9	8.0
200-220	.9	2.3	1.1	.2	.1							4.7	8.0	6.0
230-250	1.0	.4	.1	.3								1.9	6.8	4.0
(W) 260-280	.4	.6	.1									1.1	5.6	5.0
290-310	.7	1.3	.7		.2							2.9	8.2	6.0
320-340	.6	2.9	1.9	.7	.6	.2						6.8	10.8	9.0
VARIABLE														
CALM	////////////////////											3.3	////	////
TOTALS	15.0	51.8	24.3	3.9	1.2	.2						100.0	7.9	7.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.4	1.9	2.2	.6	.3							5.4	10.6	10.0
020-040		2.0	2.1	.3	.2							4.7	10.1	10.0
050-070	.3	2.9	1.2	.3								4.8	8.4	8.0
(E) 080-100	.7	2.9	1.4	.2	.1							5.3	8.1	7.0
110-130	.7	7.4	5.1	.7								13.9	9.0	8.0
140-160	.3	10.2	17.0	5.9	.1	.1						33.7	11.1	11.0
(S) 170-190	.4	6.4	6.8	3.1	.2							17.0	10.8	10.0
200-220	.3	1.9	1.3	.8	.1							4.4	10.0	9.5
230-250	.2	.6	.3	.3								1.4	9.7	8.0
(W) 260-280	.2	.7	.3	.2	.2							1.7	9.9	8.0
290-310	.4	1.2	1.0	.2	.1	.2						3.2	10.0	8.0
320-340	.1	.3	1.7	.4	.6							3.1	13.3	12.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	4.0	38.4	40.4	13.0	1.9	.3						100.0	10.2	10.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.2	.9	2.6	1.7	.6							5.9	12.8	13.0
020-040	.1	2.2	2.9	1.2								6.5	11.0	11.0
050-070	.3	2.4	2.1	.9								5.8	10.0	10.0
(E) 080-100	1.0	3.0	2.1	.3	.1							6.6	8.6	8.0
110-130	.7	4.4	5.0	1.0	.1							11.2	9.9	10.0
140-160	.7	9.8	10.8	2.9	.2							24.4	10.2	10.0
(S) 170-190	.4	4.9	6.7	3.7	.2							15.9	11.3	11.0
200-220	.1	2.3	1.7	1.7	.3							6.1	11.6	12.0
230-250	.2	1.2	1.2	.2			.1					3.0	10.2	10.0
(W) 260-280	.7	1.8	1.0	.8								4.2	9.1	7.5
290-310	.3	.7	2.0	.6	.1							3.7	11.0	11.0
320-340	.6	1.3	2.2	1.6	.2							5.9	11.6	11.0
VARIABLE														
CALM	////////////////////////////////////											.9	////////////////////////////////	
TOTALS	5.3	34.9	40.3	16.6	1.8		.1					100.0	10.5	10.0
TOTAL NUMBER OF OBSERVATIONS 899														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	3.3	2.9	2.3	.7							9.7	11.5	11.0
020-040	.3	3.2	3.4	.2								7.2	9.2	10.0
050-070	.3	4.9	1.9	.3								7.4	8.3	7.0
(E) 080-100	.9	4.8	2.2	.1								8.0	8.1	8.0
110-130	.9	8.0	2.8	.7								12.3	8.4	8.0
140-160	1.8	8.7	5.2	.4								16.1	8.2	8.0
(S) 170-190	1.2	5.4	1.9	.2								8.8	7.8	7.0
200-220	.6	2.6	1.6	.7								5.3	9.1	8.0
230-250	.8	1.3	.7	.2								3.0	7.0	6.0
(W) 260-280	.3	1.4	.3	.1	.1							2.3	8.3	8.0
290-310	1.0	3.2	1.6	.1	.2							6.1	8.2	7.0
320-340	.7	4.7	3.7	1.4	.1							10.6	9.8	9.0
VARIABLE														
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	9.2	51.5	28.2	6.7	1.1							100.0	8.5	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	11.6	2.9	2.4	.4							19.4	8.7	7.0
020-040	1.1	7.7	1.0	.4	.1							10.3	7.1	6.0
050-070	1.7	5.4	.7		.1							7.9	6.3	5.0
(E) 080-100	1.9	4.9	1.0	.2								8.0	7.1	7.0
110-130	2.0	6.0	.3									8.3	5.9	6.0
140-160	2.0	5.0	.7									7.7	5.9	6.0
(S) 170-190	1.3	2.9	.4	.1								4.8	6.2	5.0
200-220	.1	.7	.3	.1	.1							1.3	9.4	8.0
230-250	.3	1.1	.1	.1								1.7	7.1	6.0
(W) 260-280	.6	1.3	.1									2.0	6.0	5.0
290-310	.8	4.1	1.4									6.3	7.5	7.0
320-340	2.0	9.8	2.8	1.1	.8	.1						16.6	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	15.9	60.5	11.7	4.4	1.5	.1						100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN 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		1.8	7.8	2.8	1.6	.3							14.3	8.7	7.0
020-040		1.9	6.2	1.6	.3	.1							10.1	7.0	6.0
050-070		1.7	3.7	.9	.2	.0							6.5	6.8	6.0
(E) 080-100		1.4	3.8	1.0	.1	.0							6.4	7.0	6.0
110-130		1.5	5.6	2.0	.3	.0							9.4	7.7	7.0
140-160		1.6	7.6	5.9	1.3	.0	.0						16.5	9.1	9.0
(S) 170-190		1.2	4.3	2.6	1.0	.1							9.2	8.9	8.0
200-220		.5	1.4	.8	.4	.1							3.1	9.3	8.0
230-250		.5	.8	.3	.2			.0					1.8	7.7	6.0
(W) 260-280		.5	1.1	.3	.2	.0							2.1	7.7	6.0
290-310		1.0	2.2	.9	.1	.1	.0						4.4	7.6	6.0
320-340		1.5	5.9	2.6	1.2	.5	.1						11.8	9.1	8.0
VARIABLE															
CALM		////////////////////////////////////										4.4	////////////////////////////////		
TOTALS		15.1	50.4	21.7	6.9	1.2	.1						100.0	7.9	7.0
TOTAL NUMBER OF OBSERVATIONS 7198															

TOTAL NUMBER OF OBSERVATIONS 7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.5	1.6									3.3	7.8	7.5
020-040	1.6	2.2										3.8	5.4	6.0
050-070	1.6	2.7	1.1	.5								6.0	7.5	6.0
(E) 080-100		4.3	2.7	.5								7.6	9.3	9.0
110-130	2.7	8.7	2.2									13.6	6.9	7.0
140-160	4.9	17.4	11.4	.5								34.2	8.2	8.0
(S) 170-190	1.6	8.2	3.3									13.0	7.5	7.0
200-220	1.6											1.6	3.7	4.0
230-250	.5	.5										1.1	5.0	5.0
(W) 260-280	2.2		.5									2.7	5.0	3.0
290-310	1.6	1.1										2.7	4.6	4.0
320-340	1.6											1.6	4.0	4.0
VARIABLE														
CALM	////////////////////											8.7	////////	
TOTALS	21.0	45.6	22.8	1.5								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 184

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.8	18.0	4.0	.9	.3							25.9	7.6	7.0
020-040		3.2	15.9	.6	.1								19.9	6.1	6.0
050-070		3.0	8.0	.4	.1								11.5	5.7	5.0
(E) 080-100		1.7	5.5										7.2	5.6	5.0
110-130		1.6	3.7										5.3	5.4	5.0
140-160		.6	3.1										3.8	5.6	5.0
(S) 170-190		.3	1.2										1.5	6.0	6.0
200-220		.1	.1										.2	4.5	4.5
230-250		.3	.3										.6	4.8	4.0
(W) 260-280		.2	.3										.5	5.6	5.0
290-310		1.1	2.5	.2									3.8	5.9	5.0
320-340		1.9	9.5	3.5	.6	.2							15.8	7.9	7.0
VARIABLE															
CALM		////////////////////////////////////										4.0	////////////////////////////////		
TOTALS		16.8	68.1	8.7	1.7	.5							100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 930															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	24.3	3.5	.5	.1	.1						32.3	7.0	6.0
020-040	2.8	21.0	.1									23.9	5.9	6.0
050-070	2.6	3.7										6.2	4.9	5.0
(E) 080-100	.6	3.5										4.2	5.8	6.0
110-130	1.4	1.3										2.7	4.7	4.0
140-160	.9	1.3	.1									2.3	5.2	5.0
(S) 170-190	.6	.5										1.2	4.9	4.0
200-220	.5	.1										.6	4.0	4.0
230-250	.4	.2										.6	4.3	4.0
(W) 260-280	.3	.5										.9	4.6	5.0
290-310	1.0	2.9	.2									4.1	5.7	5.0
320-340	2.2	10.2	2.4	1.5	.1							16.3	7.6	7.0
VARIABLE														
CALM	////////////////////											4.7	////////	
TOTALS	17.0	69.5	6.3	2.0	.2	.1						100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	4.2	14.0	4.3	.8	.2							23.5	7.3	6.5
020-040	3.8	5.9	.2	.1								10.0	5.3	5.0
050-070	4.6	3.1										7.8	4.5	4.0
(E) 080-100	3.0	2.4	.1									5.5	4.7	4.0
110-130	2.4	2.5	.3	.1								5.3	5.5	5.0
140-160	1.7	3.3	1.3									6.4	6.3	5.0
(S) 170-190	1.9	2.6	.5									5.1	6.0	6.0
200-220	1.4	.6										2.0	4.2	4.0
230-250	1.3	.5										1.8	3.8	3.0
(W) 260-280	.8	.3										1.1	4.2	4.0
290-310	2.4	2.7										5.1	5.0	5.0
320-340	2.5	8.4	2.7	1.7	.9							16.1	8.9	7.5
VARIABLE														
CALM	////////////////////////////////////											10.4	////////	
TOTALS	30.0	46.3	9.4	2.7	1.1							100.0	5.7	5.0
TOTAL NUMBER OF OBSERVATIONS 929														

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.8	3.9	.6								8.3	9.4	10.0
020-040	.6	2.5	1.3	.1								4.5	8.3	8.0
050-070	1.5	2.7										4.2	5.2	5.0
(E) 080-100	1.5	4.3	.9	.1								6.8	6.5	6.0
110-130	2.3	11.2	2.0	.2								15.7	7.0	7.0
140-160	2.5	12.2	5.6	1.0								21.2	8.6	8.0
(S) 170-190	2.5	9.1	2.6	.5	.1							14.8	7.5	7.0
200-220	2.0	2.9	.5									5.5	5.5	5.0
230-250	1.4	1.8	.1									3.3	5.1	5.0
(W) 260-280	.8	.5										1.3	4.9	4.0
290-310	1.0	1.3	.5	.1								2.9	6.8	6.0
320-340	.6	2.8	2.4	1.4	.3							7.5	10.6	10.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	17.7	54.1	19.8	4.0	.4							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 74660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	2.5	2.7	.5	.1							6.1	10.0	10.0
020-040	.6	2.2	1.5	.3								4.6	8.7	8.0
050-070	.6	3.7	2.5	.1								6.9	8.0	8.0
(E) 080-100	.8	5.1	2.2	.1								8.1	7.7	8.0
110-130	1.5	7.1	4.5	.8								13.9	8.6	9.0
140-160	.6	10.6	12.0	1.7	.1							25.0	9.8	10.0
(S) 170-190	1.3	9.9	6.7	1.0	.1							19.0	9.0	8.0
200-220	.4	1.7	.8	.6	.1							3.7	9.7	7.5
230-250	.6	1.2	.5	.1								2.5	6.9	6.0
(W) 260-280	.4	.8	.5	.1								1.8	7.9	8.0
290-310	.5	.8	1.0	.3	.1	.1						2.8	10.1	10.0
320-340	.4	1.5	2.0	.4								4.4	9.8	10.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	8.0	47.1	36.9	6.0	.5	.1						100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	2.0	4.2	1.3	.4							8.1	11.9	12.0
020-040	.1	2.2	1.4	.8	.1							4.5	10.3	9.5
050-070	.6	4.1	1.6	.5	.1							7.0	8.4	8.0
(E) 080-100	.5	2.8	1.9	.2								5.5	8.3	8.0
110-130	.5	6.2	5.1	.9								12.7	9.3	9.0
140-160	.3	7.4	10.6	1.9	.1							20.4	10.4	10.0
(S) 170-190	.8	6.0	7.1	2.0	.2							16.1	10.3	10.0
200-220	.5	2.6	1.3	.5		.1						5.1	9.2	8.0
230-250	.3	1.2	1.3	.3								3.1	9.7	10.0
(W) 260-280	.2	1.3	1.3	.3	.1							3.2	10.0	10.0
290-310	.1	1.8	2.2	1.0								5.1	10.5	10.0
320-340	.3	2.6	3.1	1.2	.3	.1						7.6	11.4	11.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	4.3	40.2	41.1	10.9	1.3	.2						100.0	9.9	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.5	5.7	4.3	.9	.1							11.5	9.3	9.0
020-040	.3	2.8	1.3	.2								4.6	8.0	7.0
050-070	.5	4.9	1.0	.2	.2							6.9	7.7	7.0
(E) 080-100	.8	4.7	1.2	.9		.1						7.6	8.4	7.0
110-130	1.0	9.0	5.2	.4								15.6	8.7	8.0
140-160	1.1	9.1	5.7	.4								16.3	8.6	8.5
(S) 170-190	.9	5.1	1.9	.1								8.0	7.5	7.0
200-220	.8	1.8	.4	.1		.1						3.2	7.3	6.0
230-250	.2	.8	.2									1.2	6.3	6.0
(W) 260-280	.2	1.3	.2	.3	.1							2.2	9.3	7.5
290-310	.9	4.1	1.9	.5	.3		.1					7.8	8.9	8.0
320-340	1.2	6.8	3.1	1.3	.1							12.5	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	8.4	56.1	26.4	5.3	.8	.2	.1					100.0	8.3	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	3.0	12.7	2.7	.8								19.1	7.1	6.0
020-040	1.6	7.1	1.2	.1								10.0	6.5	6.0
050-070	1.8	6.1	1.0	.1								9.0	6.5	6.0
(E) 080-100	1.4	7.5	.4	.1								9.5	6.2	6.0
110-130	2.7	6.7	.5									9.9	5.9	5.5
140-160	2.3	3.2	.6									6.1	5.8	5.0
(S) 170-190	1.1	2.3	.3									3.7	5.8	5.0
200-220	.4	1.0	.1									1.5	5.9	5.0
230-250	.5	.2	.1	.1								1.0	6.2	4.0
(W) 260-280	.4	.9	.2									1.5	6.4	6.0
290-310	1.7	4.0	.1									5.8	5.6	5.0
320-340	1.9	11.3	4.2	1.2	.2	.1						18.9	8.1	7.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	18.8	63.0	11.4	2.4	.2	.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL 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		1.9	10.2	3.7	.8	.2	.0						16.8	8.0	7.0
020-040		1.6	7.4	1.0	.2	.0							10.3	6.6	6.0
050-070		1.9	4.5	.8	.1	.0							7.4	6.4	6.0
(E) 080-100		1.3	4.5	.8	.2		.0						6.8	6.7	6.0
110-130		1.7	6.0	2.2	.3								10.1	7.5	7.0
140-160		1.3	6.3	4.5	.6	.0							12.7	8.6	8.0
(S) 170-190		1.2	4.6	2.4	.5	.1							8.7	8.3	8.0
200-220		.8	1.4	.4	.2	.0	.0						2.7	7.2	6.0
230-250		.6	.8	.3	.1								1.8	6.4	5.0
(W) 260-280		.4	.7	.3	.1	.0							1.6	7.6	7.0
290-310		1.1	2.5	.8	.2	.1	.0	.0					4.7	7.4	6.0
320-340		1.4	6.6	2.9	1.2	.3	.0						12.4	8.7	8.0
VARIABLE															
CALM		////////////////////////////////////										4.1	////////////////////////////////		
TOTALS		15.2	55.5	20.1	4.5	.7							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 7437

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.9	1.7	1.7									4.3	8.0	8.0
020-040	.9	4.3										5.2	5.7	5.0
050-070	2.6	3.5	.9									7.0	5.6	5.0
(E) 080-100	2.6	5.2										7.8	5.2	5.0
110-130	4.3	9.6	.9									14.8	5.9	5.0
140-160	5.2	19.1	5.2									29.6	7.1	7.0
(S) 170-190	2.6	11.3	1.7									15.7	7.1	7.0
200-220		.9										.9	7.0	7.0
230-250	.9											.9	4.0	4.0
(W) 260-280		.9										.9	7.0	7.0
290-310	.9	.9										1.7	4.5	4.5
320-340	.9	.9	.9	.9								3.5	8.5	7.5
VARIABLE														
CALM	////////////////////											7.8	////////////////	
TOTALS	21.8	58.3	11.3	.9								100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 115

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	17.0	2.6	1.2								23.9	7.0	6.0
020-040	4.1	15.9	.3	.1								20.4	5.7	5.0
050-070	2.0	6.5	.1	.1								8.7	5.5	5.0
(E) 080-100	1.9	4.5	.4									6.9	5.9	5.0
110-130	1.2	3.1	.2									4.5	5.8	5.0
140-160	.6	2.6	.5									3.8	6.5	6.0
(S) 170-190	.2	1.0	.2									1.4	6.5	7.0
200-220	.3	.5	.3									1.2	6.4	5.0
230-250	.4	.3										.8	4.9	4.0
(W) 260-280	.6	.5	.1									1.3	4.9	4.5
290-310	.9	2.8	.8									4.4	6.8	6.0
320-340	3.4	12.0	2.9	.6	.2							19.2	7.2	6.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////////////////////////////	
TOTALS	18.7	66.7	8.4	2.0	.2							100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	22.8	2.0	1.3								30.4	6.7	6.0
020-040	4.8	16.0	.2		.1							21.2	5.6	5.0
050-070	2.7	4.5	.3									7.5	5.3	5.0
(E) 080-100	1.1	1.9										3.0	5.0	5.0
110-130	.6	1.9	.4									3.0	6.5	6.0
140-160	.4	2.0	.4									2.9	6.7	6.0
(S) 170-190	.9	1.1	.1									2.0	5.5	5.0
200-220	.4	.2	.1	.1								.9	6.5	4.5
230-250	.3	.2										.5	4.4	4.0
(W) 260-280	.2	.1										.3	4.0	3.0
290-310	1.1	1.9	.5									3.5	6.3	6.0
320-340	2.3	11.6	2.6	1.4	.4	.1	.1					18.5	8.4	7.0
VARIABLE														
CALM	////////////////////											6.1	////////	
TOTALS	19.1	64.2	6.6	2.8	.5	.1	.1					100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	15.1	2.6	.6	.2							22.6	7.0	6.0
020-040	4.3	5.9	.1	.1								10.4	5.1	5.0
050-070	3.3	2.6										5.9	4.4	4.0
(E) 080-100	1.9	2.5	.1									4.5	5.0	5.0
110-130	1.1	4.2	.2									5.5	6.0	6.0
140-160	2.2	3.5	1.3									7.0	6.6	6.0
(S) 170-190	1.3	2.2	.3									3.8	5.5	5.0
200-220	.6	.5										1.2	4.6	4.0
230-250	1.5	.3										1.8	3.9	4.0
(W) 260-280	.8	1.4										2.2	4.9	5.0
290-310	2.6	2.3	.2									5.1	4.9	4.0
320-340	3.3	11.7	2.6	1.5	.8							19.9	8.1	7.0
VARIABLE														
CALM	////////////////////////////////////											10.2	////////	
TOTALS	27.0	52.2	7.4	2.2	1.0							100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.9	5.4	3.4	.9		.1						10.6	8.9	8.0
020-040	1.2	2.0	.5	.1								3.9	6.6	7.0
050-070	1.7	2.3	.4									4.4	5.8	5.0
(E) 080-100	2.7	3.9										6.6	5.1	5.0
110-130	2.9	9.0	1.3	.1								13.3	6.5	6.0
140-160	2.7	13.9	5.2	.6								22.4	7.8	7.0
(S) 170-190	2.3	8.9	3.3	.2								14.7	7.2	7.0
200-220	1.6	2.8	.2	.1								4.7	5.8	5.0
230-250	1.1	1.6										2.7	4.7	5.0
(W) 260-280	1.0	1.1										2.0	4.9	5.0
290-310	1.4	1.1	.4	.2	.1							3.2	7.3	5.5
320-340	.6	2.4	1.5	1.3		.2						6.0	10.5	9.5
VARIABLE														
CALM	////////////////////											5.4	////////	
TOTALS	20.1	54.4	16.2	3.5	.1	.3						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.5	1.2	.5	.2	.1						4.0	10.6	10.0
020-040	.9	1.9	1.3	.3								4.4	8.4	9.0
050-070	.4	3.7	1.9	.1								6.1	8.1	8.0
(E) 080-100	1.6	4.1	1.5									7.2	7.1	7.0
110-130	1.8	7.4	3.9	.3								13.4	8.0	8.0
140-160	1.3	14.1	9.5	3.0								27.8	9.6	9.0
(S) 170-190	1.3	10.3	5.7	1.3	.2		.1					18.9	8.9	8.0
200-220	.5	3.3	1.1		.2							5.2	8.2	8.0
230-250	.3	1.1	.4	.1								1.9	7.7	6.0
(W) 260-280	.3	1.0	.5									1.8	7.6	8.0
290-310	.3	.9	1.0	.2								2.4	9.1	8.5
320-340	.5	1.9	1.0	1.2	.1	.1						4.8	10.3	9.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	9.6	51.2	29.0	7.0	.7	.2	.1					100.0	8.6	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	2.4	1.7	.4		.1						5.2	9.7	9.0
020-040	.3	2.8	2.4	.3	.1							5.9	9.2	9.0
050-070	.3	3.5	2.3		.1							6.2	8.5	8.0
(E) 080-100	.6	4.4	1.4	.1								6.6	7.8	7.0
110-130	.3	5.6	3.9	.2								10.0	8.8	9.0
140-160	.6	9.5	7.3	3.3	.3							21.1	10.3	10.0
(S) 170-190	1.5	7.3	5.4	1.6	.1							15.9	9.3	9.0
200-220	.6	3.4	1.6	1.0	.2							6.9	9.3	7.0
230-250	.4	1.5	1.0									2.9	7.6	7.0
(W) 260-280	.3	1.8	.8	.2		.1						3.2	9.2	8.0
290-310	.4	2.4	1.6	.4								4.8	8.7	7.0
320-340	.8	2.8	3.3	1.6	.9	.1						9.5	11.6	12.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	6.6	47.4	32.7	9.1	1.7	.3						100.0	9.3	9.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.1	6.3	3.8	1.0	.2		.1					12.5	9.1	8.0
020-040	1.3	4.6	1.4									7.3	6.9	6.5
050-070	1.0	3.2	1.2									5.4	6.9	6.0
(E) 080-100	1.3	4.2	1.2									6.7	7.0	6.5
110-130	2.0	7.3	1.8	.1								11.3	7.0	7.0
140-160	2.3	8.9	2.7	.4								14.3	7.2	7.0
(S) 170-190	1.9	6.0	1.6	.3								9.9	6.9	6.0
200-220	.5	2.5	.4									3.4	6.8	7.0
230-250	.5	1.4	.3									2.3	6.9	5.0
(W) 260-280	1.0	1.3	.6		.2							3.1	7.7	5.0
290-310	.9	3.1	1.2	.5	.1	.1						5.9	8.7	8.0
320-340	1.5	8.0	2.5	1.0	.1							13.0	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	15.3	56.8	18.7	3.3	.6	.1	.1					100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	15.5	2.8	.6	.2							22.1	7.3	7.0
020-040	2.9	8.0	.9	.1								11.8	6.0	5.0
050-070	2.7	4.8	.9	.2	.1							8.7	6.3	5.0
(E) 080-100	1.3	5.6	.4	.2								7.5	6.6	6.0
110-130	1.7	5.8	.3									7.9	5.9	6.0
140-160	2.4	4.1	.5		.1							7.1	6.0	5.0
(S) 170-190	.9	2.2	.3									3.3	5.9	5.0
200-220	.5	.8	.3									1.6	6.2	5.0
230-250	.6	.5										1.2	5.7	4.0
(W) 260-280	.2	1.1	.1	.1								1.5	7.6	7.0
290-310	1.1	4.4	.5	.1	.1							6.2	6.7	6.0
320-340	1.4	10.8	3.8	.5	.3							16.8	8.1	7.0
VARIABLE														
CALM	////////////////////											4.2	////////	
TOTALS	18.6	63.6	10.8	1.8	.8							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG 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	2.2	10.7	2.5	.8	.1	.0	.0					16.4	7.6	7.0
020-040	2.5	7.2	.9	.1	.0							10.7	6.2	6.0
050-070	1.8	3.9	.9	.1	.0							6.6	6.3	5.0
(E) 080-100	1.6	3.9	.6	.0								6.1	6.3	6.0
110-130	1.5	5.6	1.5	.1								8.6	7.1	7.0
140-160	1.6	7.3	3.4	.9	.1							13.3	8.4	8.0
(S) 170-190	1.3	4.9	2.1	.4	.0		.0					8.8	7.9	7.0
200-220	.7	1.8	.5	.1	.1							3.1	7.4	7.0
230-250	.7	.9	.2	.0								1.8	6.0	5.0
(W) 260-280	.6	1.0	.3	.0	.0	.0						1.9	6.9	6.0
290-310	1.1	2.4	.8	.2	.0	.0						4.4	7.2	6.0
320-340	1.7	7.6	2.5	1.1	.3	.1	.0					13.5	8.6	7.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	17.3	57.2	16.2	3.8	.6	.1						100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: ALL

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

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

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		.4	1.7		.4								2.5	7.5	6.5
020-040		.4	.4										.8	4.0	4.0
050-070		1.7		.8									2.5	5.7	3.0
(E) 080-100		1.7	2.5	.8									5.1	6.3	5.5
110-130		3.0	14.8	2.5	.4								20.8	6.9	6.0
140-160		3.8	22.5	9.3	1.3								36.9	7.8	7.0
(S) 170-190		2.1	7.6	.8	.4								11.0	6.5	6.0
200-220		.4	2.1										2.5	5.5	5.5
230-250		.4	1.7										2.1	6.2	6.0
(W) 260-280			.4										.4	7.0	7.0
290-310		.8	.4	.4									1.7	6.3	5.5
320-340		1.3	1.7										3.0	5.6	5.0
VARIABLE															
CALM		////////////////////////////////////											10.6	////////////////////////////////	
TOTALS		16.0	55.8	14.6	2.5								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 236

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	17.1	4.0	1.9	.3							25.1	8.2	7.0
020-040	3.0	17.6	.6	.1								21.2	6.1	6.0
050-070	2.3	6.3	.1	.1								8.9	5.6	5.0
(E) 080-100	1.3	3.1	.4									4.9	6.4	6.0
110-130	1.3	3.3	.8									5.4	6.5	6.0
140-160	.7	3.1	2.2	.3								6.3	8.7	8.0
(S) 170-190	.4	1.6	.1	.1								2.2	6.6	6.0
200-220	.4	.4	.1									1.0	5.6	5.0
230-250	.3	.3	.1	.2								1.0	8.6	8.0
(W) 260-280	.2	.2	.1	.1								.7	8.2	6.5
290-310	.4	3.0	.9		.1							4.4	7.8	7.5
320-340	1.0	9.4	3.8	1.2	.1							15.6	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	13.1	65.4	13.2	4.0	.5							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	17.2	5.9	1.7	.1							27.0	8.3	8.0
020-040	4.3	19.0	.4	.1								23.9	5.7	6.0
050-070	2.7	3.8	.1									6.6	5.2	5.0
(E) 080-100	.7	2.4	.1									3.2	6.3	6.0
110-130	.8	2.6	.4									3.8	6.8	7.0
140-160	1.1	3.4	1.6	.3								6.4	7.9	8.0
(S) 170-190	1.1	1.3	.3									2.8	5.8	5.0
200-220		.6	.1	.1								.8	8.9	8.0
230-250	.2	.3										.6	5.0	5.0
(W) 260-280	.6	.8										1.3	4.8	5.0
290-310	.6	2.8	.2	.1								3.7	6.5	6.0
320-340	1.9	8.1	3.9	1.6	.6							16.0	9.2	8.5
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	16.1	62.3	13.0	3.9	.7							100.0	6.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	12.2	2.4	.9								18.9	7.2	7.0
020-040	4.1	10.8	.3									15.2	5.4	5.0
050-070	2.6	2.9	.1									5.6	5.0	5.0
(E) 080-100	1.8	2.2	.2	.2								4.4	5.6	5.0
110-130	1.2	3.7	.3									5.2	6.0	5.0
140-160	.9	4.8	1.2	.1								7.0	7.4	7.0
(S) 170-190	1.8	3.0	1.1	.2								6.1	6.8	6.0
200-220	.9	.4	.2	.4								2.0	7.8	5.0
230-250	1.4	.4	.1									2.0	4.7	4.0
(W) 260-280	.4	.9										1.3	5.2	5.0
290-310	1.0	3.3	.3			.1						4.8	6.4	6.0
320-340	1.6	10.1	4.6	1.6	.7							18.4	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											9.0	////////	
TOTALS	21.0	54.7	10.8	3.4	.7	.1						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.7	2.4	.9	.2	.1						7.3	10.0	9.5
020-040	.7	2.0	.8	.1								3.6	6.9	6.0
050-070	1.1	1.7	.6									3.3	6.3	5.5
(E) 080-100	2.8	4.0	.6	.1								7.4	6.0	5.0
110-130	3.0	6.4	1.7									11.1	6.5	6.0
140-160	3.0	11.6	6.6	1.0	.1							22.2	8.3	8.0
(S) 170-190	3.6	7.3	4.3	1.3	.3							16.9	8.3	8.0
200-220	1.3	3.3	.6	.7	.3	.1						6.3	8.5	6.0
230-250	.7	1.4	.3	.1								2.6	7.0	6.0
(W) 260-280	1.1	.9	.3	.1								2.4	6.4	5.0
290-310	1.0	1.7	.2	.1			.1					3.1	6.9	5.5
320-340	1.6	3.0	2.0	.9	.6	.4						8.4	10.3	9.0
VARIABLE														
CALM	////////////////////											5.2	////////	
TOTALS	20.9	46.0	20.4	5.3	1.5	.6	.1					100.0	7.6	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.7	1.4	1.2	.2	.1						4.7	12.5	11.5
020-040	.8	1.9	1.1	.1								3.9	8.1	8.0
050-070	.8	1.9	.7	.2								3.6	7.6	6.0
(E) 080-100	.7	1.9	.8									3.3	6.7	6.0
110-130	.9	5.3	4.2	.9	.2							11.6	9.3	9.0
140-160	1.1	10.9	13.9	4.6	.1							30.6	10.4	10.0
(S) 170-190	2.4	7.9	7.2	3.2	.8							21.6	10.2	10.0
200-220	1.0	2.6	2.0	1.0	.3		.1					7.0	10.2	9.0
230-250	1.1	1.8	1.0	.4	.1		.1					4.6	8.9	7.0
(W) 260-280	.7	1.0	.6	.4								2.7	8.5	7.0
290-310	.1	.8	.3	.1								1.3	8.4	7.5
320-340	.2	1.1	1.0	1.4	.3	.1						4.2	12.8	13.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	9.8	38.8	34.2	13.5	2.0	.2	.2					100.0	9.8	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 15-17

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		.3	1.7	1.9	1.3	.7	.1						6.0	12.4	11.0
020-040		.1	1.4	2.2	.4								4.2	10.5	11.5
050-070		.3	2.3	1.4	.2								4.3	8.8	9.0
(E) 080-100		.2	1.9	1.6	.2								3.9	9.0	9.0
110-130		.9	6.2	3.6	.8	.1							11.6	8.9	8.0
140-160		.4	12.3	11.6	3.9	.3							28.6	10.4	10.0
(S) 170-190		.7	7.1	7.8	3.7	.6							19.8	10.8	11.0
200-220		.4	1.8	2.6	1.6								6.3	11.0	11.0
230-250		.3	1.1	1.4	.2	.4	.1						3.7	11.4	11.0
(W) 260-280		.6	1.4	.9	.1	.1							3.1	8.7	8.5
290-310		.4	1.0	.9	.2	.1							2.7	8.8	7.5
320-340		.6	1.2	1.3	1.2	.3	.1						4.8	11.9	12.0
VARIABLE															
CALM		////////////////////////////////////											1.0	////////////////////////////////	
TOTALS		5.2	39.4	37.2	13.8	2.6	.3						100.0	10.3	10.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.0	5.9	3.7	1.2	.6	.2						12.6	9.7	9.0
020-040	1.0	4.5	1.6	.2								7.2	7.8	8.0
050-070	.9	5.2	.8									6.9	6.8	6.0
(E) 080-100	1.6	5.0	1.1	.1	.1							7.9	7.0	6.0
110-130	1.6	12.6	.3									14.5	6.4	6.0
140-160	2.5	11.7	1.8	.3	.1	.1						16.5	7.1	7.0
(S) 170-190	1.0	5.1	2.0	.2	.1							8.5	7.8	7.0
200-220	.7	1.4	1.1	.1								3.3	8.2	8.0
230-250	.4	.8	.3	.2	.2							2.0	9.4	7.5
(W) 260-280	.1	1.1	.3	.1	.1							1.8	8.4	6.0
290-310	1.2	3.0	.7	.2								5.1	6.7	6.0
320-340	.9	4.7	2.9	.6	.2							9.3	9.0	8.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	12.9	61.0	16.6	3.2	1.4	.3						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.6	12.4	3.1	1.1	.4	.2						19.8	8.1	7.0
020-040	3.5	12.3	1.1	.1								16.9	6.0	6.0
050-070	2.5	5.8	.3									8.6	5.6	5.0
(E) 080-100	1.3	4.5	.7									6.5	6.3	6.0
110-130	1.6	4.7	.3									6.6	5.8	6.0
140-160	1.3	5.7	1.8	.3	.1							9.3	7.8	8.0
(S) 170-190	1.0	2.5	.7	.2								4.3	6.9	6.0
200-220	.2	1.1	.1									1.4	6.9	7.0
230-250	.4	.1		.1	.1							.8	7.7	4.0
(W) 260-280	.4	.6	.1									1.1	5.4	5.0
290-310	.6	2.0	.8									3.3	6.9	6.0
320-340	1.0	8.8	3.6	1.7	.3	.1						15.5	9.2	8.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	16.4	60.5	12.6	3.5	.9	.3						100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP 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		1.5	8.9	3.1	1.3	.3	.1						15.2	8.7	8.0
020-040		2.2	8.7	1.0	.2								12.0	6.3	6.0
050-070		1.6	3.7	.5	.1								6.0	6.2	6.0
(E) 080-100		1.3	3.1	.7	.1	.0							5.2	6.6	6.0
110-130		1.4	5.6	1.5	.2	.0							8.7	7.3	7.0
140-160		1.4	7.9	5.1	1.4	.1	.0						15.9	9.1	9.0
(S) 170-190		1.5	4.5	2.9	1.1	.2							10.3	9.0	8.0
200-220		.6	1.5	.8	.5	.1	.0	.0					3.5	9.2	8.0
230-250		.6	.8	.4	.2	.1	.0	.0					2.1	8.5	7.0
(W) 260-280		.5	.9	.3	.1	.0							1.8	7.3	6.0
290-310		.7	2.2	.5	.1	.0	.0	.0					3.6	7.1	6.0
320-340		1.1	5.8	2.9	1.3	.4	.1						11.5	9.4	8.0
VARIABLE															
CALM		////////////////////////////////////										4.2	////////////////////////////////		
TOTALS		14.4	53.6	19.7	6.6	1.2	.2						100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 7193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS								TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39			
(N) 350-010	1.2	1.9	.7	.2					4.1	7.3	7.0
020-040	.5	1.9	.5	.5					3.3	7.7	6.0
050-070	1.0	2.6	.2						3.8	5.7	5.0
(E) 080-100	1.4	4.3	.5	.2					6.5	6.3	6.0
110-130	2.4	10.0	2.4		.5				15.3	7.5	7.0
140-160	3.3	19.6	12.2	2.4	.5	.2			38.3	9.2	9.0
(S) 170-190	4.3	6.0	2.2	.2					12.7	6.4	5.0
200-220	1.0	1.2							2.2	4.8	5.0
230-250	2.2	.2							2.4	3.8	4.0
(W) 260-280	.5	.2							.7	5.3	4.0
290-310	.7	.7							1.4	4.2	4.5
320-340	.7	1.2	1.2						3.1	7.8	8.0
VARIABLE											
CALM	////////////////////								6.2	////////	
TOTALS	19.2	49.8	19.9	3.5	1.0	.2			100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 418

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	16.9	3.9	1.5	.6	.2						25.3	8.3	7.0
020-040	2.2	23.2	.8	.1								26.2	6.4	6.0
050-070	2.4	4.1	.1									6.6	5.1	5.0
(E) 080-100	.9	3.0	.5									4.4	7.0	7.0
110-130	1.0	4.7	1.1	.2								7.0	7.5	7.0
140-160	1.4	2.4	1.2									4.9	7.1	7.0
(S) 170-190	.5	1.0	.3	.1	.1							2.0	8.0	6.0
200-220	.9	.2	.1	.1								1.3	5.4	3.5
230-250	.5	.5	.1									1.2	5.3	5.0
(W) 260-280	.3	.6										1.0	5.1	5.0
290-310	.8	1.6	.5	.2	.1							3.2	8.0	8.0
320-340	1.2	6.6	2.8	1.3	1.0	.2						13.0	10.1	9.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	14.3	64.8	11.4	3.5	1.8	.4						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.5	19.9	4.6	.9	.6	.1						28.6	7.8	7.0
020-040	2.9	20.3	1.2	.1								24.5	6.3	6.0
050-070	1.2	3.0	.6									4.8	6.3	6.0
(E) 080-100	.6	2.5	.6									3.8	6.6	6.0
110-130	1.4	1.5	.3									3.2	5.8	5.0
140-160	1.2	3.1	1.6									5.9	7.3	7.0
(S) 170-190	.4	1.5		.4	.1							2.5	8.1	7.0
200-220	.3	.1	.2	.1								.8	7.6	5.0
230-250	.2											.2	3.5	3.5
(W) 260-280	.5	.8	.3	.1								1.7	6.8	5.0
290-310	.3	1.7	.6	.3		.1	.2					3.3	10.6	8.0
320-340	2.4	7.0	3.8	1.4	1.2	.5						16.2	9.9	8.0
VARIABLE														
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	13.9	61.4	13.8	3.3	1.9	.7	.2					100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.8	18.1	4.0	1.1	.5							26.5	7.8	7.0
020-040	4.4	12.6	.4		.1							17.5	6.0	6.0
050-070	3.1	3.1	.1									6.3	4.9	5.0
(E) 080-100	1.8	2.3	.3									4.4	5.8	5.0
110-130	.6	2.8	.2									3.7	6.3	6.0
140-160	1.1	4.2	1.6									6.9	7.3	7.0
(S) 170-190	1.1	1.0	.3	.4								2.8	7.3	6.0
200-220	.4	.5	.1	.1								1.2	7.0	6.0
230-250	.9	.3	.1									1.3	4.8	4.0
(W) 260-280	.3	.8										1.1	5.4	5.0
290-310	1.4	2.6	.9	.3	.2		.1					5.5	8.4	7.0
320-340	1.9	8.3	3.5	1.6	1.1	.2	.4					17.1	10.0	8.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	19.8	56.6	11.5	3.5	1.9	.2	.5					100.0	7.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.3	3.0	2.4	.3	.1						11.1	10.5	10.0
020-040	1.2	1.9	.4									3.5	6.1	5.0
050-070	1.0	1.6	.5	.1								3.2	6.3	5.0
(E) 080-100	2.0	4.7	.6									7.4	6.2	6.0
110-130	1.7	5.4	1.7	.2								9.0	7.2	7.0
140-160	3.3	10.0	5.2	.5								19.0	7.9	7.0
(S) 170-190	2.3	8.5	2.2	.9								13.8	7.6	7.0
200-220	1.5	2.4	.2	.2	.1							4.4	6.5	5.0
230-250	1.5	1.2	.1	.2	.1		.1					3.2	7.2	5.0
(W) 260-280	1.2	1.0	.3		.1							2.6	6.2	5.0
290-310	.8	1.5	1.2	.6	.1							4.2	9.2	8.0
320-340	1.2	3.4	2.9	2.0	1.5	.4	.3					11.8	12.6	11.0
VARIABLE														
CALM	////////////////////											6.7	////////	
TOTALS	19.6	44.9	18.3	7.1	2.2	.5	.4					100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.3	1.2	1.9	1.7	.6	.1		.1				6.0	13.5	13.0
020-040	.8	1.7	1.0	.9								4.3	9.1	8.0
050-070	.4	2.0	.9	.1								3.4	7.8	7.5
(E) 080-100	1.7	3.2	.5									5.5	6.0	6.0
110-130	1.4	7.3	3.1	.3								12.2	8.0	7.0
140-160	1.2	11.6	10.2	1.8								24.8	9.4	9.0
(S) 170-190	1.0	9.2	5.8	1.1	.4							17.5	9.2	9.0
200-220	1.2	3.4	1.5	.6	.3	.2						7.3	9.0	7.0
230-250	.9	1.9	.4	.4	.2	.1	.1					4.1	9.3	7.0
(W) 260-280	.5	.9	.3	.2								1.9	8.1	6.5
290-310	.4	.8	.6	1.0								2.8	10.7	11.5
320-340	.1	1.8	2.2	1.3	1.2	.1	.1					6.8	13.6	13.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	9.9	45.0	28.4	9.4	2.7	.5	.2	.1				100.0	9.1	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.6	3.7	2.3	.5							9.4	12.2	12.0
020-040	.2	2.3	2.4	.1	.2							5.2	9.6	10.0
050-070	.5	2.4	1.4	.1	.1							4.5	8.5	8.0
(E) 080-100	.8	2.8	1.0									4.5	7.4	7.0
110-130	.9	8.6	4.4	1.0								14.8	8.8	8.0
140-160	1.3	12.5	11.5	2.6	.1							28.0	9.6	10.0
(S) 170-190	1.1	6.8	3.9	1.2	.1							13.0	8.9	8.0
200-220	.4	1.1	1.3	1.1	.6	.1						4.6	12.3	12.0
230-250	.8	1.0	1.0	.3	.2							3.2	9.3	8.5
(W) 260-280	.3	.9	.4	.3	.2							2.2	10.3	8.5
290-310	.3	.5	1.0	.4	.1							2.4	11.1	11.0
320-340	.2	1.4	1.4	2.2	.4	.2	.1					5.9	13.7	14.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	7.1	42.9	33.4	11.6	2.5	.3	.1					100.0	9.7	9.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 18-20

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.5	8.0	3.3	1.0	.4	.2						13.4	9.2	8.0
020-040	2.5	10.2	1.4	.2								14.3	6.6	6.0
050-070	1.7	5.7	1.2	.2								8.8	6.7	6.0
(E) 080-100	1.1	7.4	1.3									9.8	6.8	7.0
110-130	1.6	11.5	1.8									14.9	6.9	7.0
140-160	.9	8.7	1.6	.2								11.4	7.5	7.0
(S) 170-190	1.6	2.6	.4		.1							4.7	6.2	5.0
200-220	.9	.9	.4	.1								2.3	6.9	5.0
230-250		.9	.2	.2		.1						1.4	10.5	8.0
(W) 260-280	.5	.5	.1		.1							1.3	7.5	6.0
290-310	.8	1.6	.9	.2								3.4	7.9	8.0
320-340	1.2	4.8	2.6	1.2	.6	.4						10.9	10.4	8.0
VARIABLE														
CALM	////////////////////////////////////											3.3	////////////////////////////////	
TOTALS	13.3	62.8	15.2	3.3	1.2	.7						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.5	16.7	3.9	1.1	.6	.1						23.9	8.0	7.0
020-040	2.5	20.1	1.3	.1		.1						24.1	6.5	6.0
050-070	1.8	6.1	.3									8.3	5.7	5.0
(E) 080-100	1.6	3.9	.1	.1								5.7	5.8	5.0
110-130	.6	6.2	.8	.2								7.8	7.2	7.0
140-160	.6	4.0	1.4									6.0	7.4	7.0
(S) 170-190	.1	1.6	.4	.1								2.3	7.4	6.0
200-220	.3	.4	.3									1.1	7.5	8.0
230-250	.5	.3			.1							1.0	7.0	4.0
(W) 260-280	.5	.4	.2		.1							1.3	7.4	5.0
290-310	.4	1.7	.5	.2								2.9	7.6	7.0
320-340	.5	5.6	3.0	1.6	.9	.3						11.9	10.7	9.0
VARIABLE														
CALM	////////////////////////////////////											3.8	////////////////////////////////	
TOTALS	10.9	67.0	12.2	3.4	1.7	.5						100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.5	10.8	3.5	1.5	.6	.1		.0				18.0	8.8	8.0
020-040	2.1	11.5	1.1	.2	.0	.0						15.0	6.6	6.0
050-070	1.5	3.5	.6	.1	.0							5.8	6.2	6.0
(E) 080-100	1.3	3.7	.6	.0								5.7	6.4	6.0
110-130	1.2	6.0	1.7	.2								9.1	7.5	7.0
140-160	1.4	7.1	4.3	.6	.0							13.4	8.5	8.0
(S) 170-190	1.0	4.0	1.7	.5	.1							7.3	8.3	8.0
200-220	.7	1.1	.5	.3	.1	.0						2.9	8.6	7.0
230-250	.7	.8	.2	.1	.1	.0	.0					1.9	8.1	6.0
(W) 260-280	.5	.7	.2	.1	.1							1.6	7.3	6.0
290-310	.6	1.5	.8	.4	.1	.0	.0					3.5	9.0	8.0
320-340	1.1	4.9	2.8	1.6	1.0	.3	.1					11.7	11.0	9.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	13.6	55.6	18.0	5.6	2.1	.4	.1					100.0	7.8	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: ALL

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.3	.5	.8	.3							3.0	10.8	9.0
020-040	.8	1.5										2.3	5.0	5.0
050-070	1.5	2.8	.3									4.5	5.4	5.0
(E) 080-100	1.5	4.8	3.8									10.1	7.8	7.5
110-130	2.0	12.1	1.3	1.0								16.4	7.6	7.0
140-160	2.5	14.1	8.1	.3								25.0	8.1	8.0
(S) 170-190	2.0	7.6	.5	1.0								11.1	7.3	7.0
200-220	1.0	.8										1.8	4.6	4.0
230-250	2.0											2.0	3.4	3.0
(W) 260-280	.8	1.0										1.8	4.9	5.0
290-310	.3	1.0	.3									1.5	7.0	6.5
320-340	1.5	2.5	3.3	.8	.5	1.5	1.0					11.1	14.0	11.0
VARIABLE														
CALM	////////////////////////////////////											9.3	////////	
TOTALS	16.2	49.5	18.1	3.9	.8	1.5	1.0					100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 396

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 00-02

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		2.0	14.1	4.0	1.8	.3	.1						22.3	8.4	7.0
020-040		4.0	21.9	1.2	.1								27.2	6.3	6.0
050-070		1.9	5.7	.3									7.9	5.8	5.0
(E) 080-100		.8	4.2	.2									5.2	6.1	6.0
110-130		1.2	3.8	.1									5.1	5.8	6.0
140-160		.9	2.9	.3									4.1	6.5	6.0
(S) 170-190		.4	1.1	.6	.1								2.2	7.4	5.5
200-220		.1	.8										.9	6.1	6.5
230-250		.3	.6		.2								1.1	6.9	5.5
(W) 260-280		.3	.7		.1	.1							1.2	7.9	6.0
290-310		.7	3.3	.4	.8	.2							5.4	8.7	7.0
320-340		1.3	5.9	4.1	1.7	.9	.1						14.0	10.3	9.0
VARIABLE															
CALM		////////////////////////////////////											3.2	////////////////////////////////	
TOTALS		13.9	65.0	11.2	4.8	1.5	.2						100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 900															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	17.1	5.6	1.4	.6		.1					27.2	8.3	7.0
020-040	2.3	19.9	.8									23.0	6.3	6.0
050-070	2.4	5.6	.7									8.7	5.9	6.0
(E) 080-100	1.2	2.8	.1									4.1	5.6	6.0
110-130	1.9	1.7	.6									4.1	5.7	5.0
140-160	1.0	2.3	.9									4.2	6.8	6.0
(S) 170-190	.4	.4	.6	.3	.2							2.0	10.5	10.5
200-220	.6	.3										.9	4.4	4.0
230-250	.3	.6	.3									1.2	7.4	6.0
(W) 260-280	.7	1.1	.4									2.2	6.9	6.0
290-310	.8	3.1	.8	.7	.2							5.6	8.6	7.0
320-340	1.3	5.0	3.9	1.8	.7	.3						13.0	10.3	10.0
VARIABLE														
CALM	////////////////////////////////////										3.8	////////////////////////////////		
TOTALS	15.3	59.9	14.7	4.2	1.7	.3	.1					100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	17.9	4.0	.8	.1	.1						26.2	7.3	7.0
020-040	3.7	15.9	.3									19.9	5.9	6.0
050-070	2.6	5.6	.7	.1								8.9	6.1	6.0
(E) 080-100	.9	3.0	.4	.1								4.4	6.5	6.0
110-130	1.0	3.0										4.0	5.8	5.5
140-160	.9	2.2	.4	.3	.1							4.0	7.4	6.0
(S) 170-190	.8	1.3	.1	.2								2.4	6.7	5.5
200-220	.2	.4										.7	5.5	5.0
230-250	.7	.3	.2									1.2	5.8	4.0
(W) 260-280	.7	1.3	.1	.1								2.2	6.5	7.0
290-310	1.1	3.1	1.4	.2		.1						6.0	7.5	6.0
320-340	2.0	7.1	2.8	1.6	.8	.6	.7					15.4	10.7	8.0
VARIABLE														
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	17.9	61.1	10.4	3.4	1.0	.8	.7					100.0	7.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.2	4.8	2.2	.3	.7	.2						9.4	9.3	8.0
020-040	2.2	1.8	.8									4.8	5.9	5.0
050-070	1.6	3.8	.1									5.4	5.5	5.0
(E) 080-100	2.9	4.1	1.0	.1								8.1	6.0	5.0
110-130	1.8	5.6	1.1									8.4	6.8	6.0
140-160	2.8	7.9	5.8	.3								16.8	8.1	8.0
(S) 170-190	3.4	5.6	1.8	.4								11.2	7.0	6.0
200-220	2.1	2.3	.9	.3	.1	.1						5.9	7.1	5.0
230-250	.9	1.9	.7	.1	.2							3.8	8.1	6.0
(W) 260-280	.9	1.3	.6	.4	.1							3.3	8.5	7.5
290-310	.9	2.0	.7	.1	.2	.4		.1				4.4	10.3	6.5
320-340	1.3	2.4	2.4	1.1	1.2	.7	.4					9.7	13.2	12.0
VARIABLE														
CALM	////////////////////											8.7	////////	
TOTALS	22.0	43.5	18.1	3.1	2.5	1.4	.4	.1				100.0	7.4	7.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.2	1.7	2.4	1.0	.7	.2						6.2	12.5	11.0
020-040	.3	1.1	1.0	.2								2.7	8.5	8.5
050-070	.7	1.2	.6									2.4	6.3	5.5
(E) 080-100	1.0	5.7	1.1	.1								7.9	7.0	6.0
110-130	1.8	8.8	3.8	.3								14.7	7.8	7.0
140-160	2.4	12.3	8.1	3.0	.1							26.0	9.1	8.0
(S) 170-190	2.3	7.4	3.7	1.4	.6							15.4	8.9	8.0
200-220	1.4	1.6	.9	.4	.1							4.4	8.1	7.0
230-250	1.0	1.0	.8	.9	.1	.1						3.9	10.1	8.0
(W) 260-280	.1	.9	.6	.6	.4	.2						2.8	13.8	14.0
290-310	.2	.7	.8	1.8	.6							4.0	13.9	15.0
320-340	.1	1.4	1.3	1.3	2.1	.8	.6					7.7	17.4	18.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	11.5	43.8	25.1	11.0	4.7	1.3	.6					100.0	9.6	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	.3	2.7	2.6	1.9	.4	.2						8.1	12.2	11.0
020-040	.6	2.6	.9		.1	.1						4.2	8.3	7.0
050-070	.7	3.1	1.8	.1								5.7	7.7	8.0
(E) 080-100	1.6	3.5	1.0									6.0	6.6	6.0
110-130	1.9	9.6	3.0	.3								14.8	7.3	7.0
140-160	3.1	13.9	8.0	1.2								26.3	8.4	8.0
(S) 170-190	1.2	5.1	2.2	.6	.1							9.2	8.5	8.0
200-220	.8	1.2	1.3	.3	.3							4.0	9.4	9.5
230-250	.2	.9	.6	.4	.2							2.3	10.9	11.0
(W) 260-280	.1	1.1	.4	.8	.4							2.9	12.1	11.0
290-310	.3	1.4	1.9	1.2	.7	.1						5.7	13.0	12.0
320-340	.4	1.2	1.9	1.8	1.4	.2	.1					7.1	14.3	14.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////////////////////////////	
TOTALS	11.2	46.3	25.6	8.6	3.6	.6	.1					100.0	9.0	8.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.4	9.8	3.2	1.8	.3							16.6	9.0	8.0
020-040	2.9	12.7	1.2	.4	.1							17.4	6.8	6.0
050-070	2.1	5.9	.8	.2								9.0	6.2	6.0
(E) 080-100	2.2	5.9	.3									8.5	5.7	5.5
110-130	2.1	6.8	.6		.1							9.6	6.3	6.0
140-160	1.4	6.1	1.1									8.7	6.6	6.0
(S) 170-190	.7	1.4	.7									2.8	6.8	6.0
200-220	.2	1.0	.1	.3	.1							1.8	9.3	7.0
230-250	.2	.6		.6								1.3	10.3	8.0
(W) 260-280	.1	.8	.1	.1								1.1	7.7	7.5
290-310	.4	1.9	1.0	.8	.9	.1						5.1	11.8	10.0
320-340	1.2	4.4	3.3	2.6	.4							12.0	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	14.9	57.3	12.4	6.8	1.9	.1						100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.6	14.7	4.2	1.9	.1	.1						22.6	8.4	7.0
020-040	3.4	19.1	1.6	.1								24.2	6.4	6.0
050-070	3.1	5.0	.2									8.3	5.5	5.0
(E) 080-100	1.6	3.2	.3									5.1	5.5	5.0
110-130	1.1	5.0	.1									6.2	5.9	6.0
140-160	1.3	3.1	.7									5.1	6.3	5.5
(S) 170-190	.6	1.1	.8									2.4	7.3	7.0
200-220	.4	.1		.1								.7	5.7	3.5
230-250	.2	.3	.1	.1	.1							.9	9.9	7.0
(W) 260-280	.6	.8		.3								1.7	7.8	6.0
290-310	.6	1.8	1.2	.7	.8							5.0	11.2	10.0
320-340	1.2	4.9	3.2	1.9	.9	.2						12.3	10.8	10.0
VARIABLE														
CALM	////////////////////////////////////											5.4	////////////////////////////////	
TOTALS	15.7	59.1	12.4	5.1	1.9	.3						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV 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	1.6	10.3	3.5	1.4	.4	.1	.0						17.3	8.7	8.0		
020-040	2.4	11.9	1.0	.1	.0	.0									15.4	6.4	6.0
050-070	1.9	4.5	.6	.1								7.0	6.1	6.0			
(E) 080-100	1.5	4.0	.6	.0								6.2	6.2	6.0			
110-130	1.6	5.5	1.2	.1	.0									8.4	6.8	6.0	
140-160	1.7	6.3	3.2	.6	.0									11.9	8.0	7.0	
(S) 170-190	1.2	2.9	1.3	.4	.1								6.0	8.1	7.0		
200-220	.7	1.0	.4	.2	.1	.0								2.4	7.7	6.0	
230-250	.5	.8	.3	.3	.1	.0								2.0	9.0	7.0	
(W) 260-280	.4	1.0	.3	.3	.1	.0								2.2	9.3	8.0	
290-310	.6	2.2	1.0	.8	.4	.1	.0				5.2	10.5	9.0				
320-340	1.1	4.1	2.9	1.7	1.1	.4	.2							11.4	11.7	10.0	
VARIABLE																	
CALM	////////////////////////////////////											4.7	////////////////////////////////				
TOTALS	15.2	54.5	16.3	6.0	2.3	.6	.2						100.0	7.8	7.0		
TOTAL NUMBER OF OBSERVATIONS 7197																	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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.

		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		.7	2.2	.7	.9	1.1							5.5	11.6	9.0
020-040		.7	.9	.4									2.0	6.6	6.0
050-070		2.4	3.7	.2									6.4	5.5	5.0
(E) 080-100		3.7	3.1	.2									7.0	5.0	4.0
110-130		4.6	9.0	1.1									14.7	5.6	5.0
140-160		3.5	13.6	2.0									19.1	6.4	6.0
(S) 170-190		3.1	4.6	.2	.2								8.1	5.8	5.0
200-220		1.1	1.3										2.4	5.0	5.0
230-250		.7	1.1										1.8	4.9	5.0
(W) 260-280		.9	.9										1.8	4.4	4.5
290-310		.9	1.3	.4	1.3	1.8	.4						6.1	14.3	16.0
320-340		.7	3.3	3.7	1.8	3.7	1.8	1.1					16.0	16.5	16.0
VARIABLE															
CALM		////////////////////////////////////										9.2	////////////////////////////////		
TOTALS		23.0	45.0	8.9	4.2	6.6	2.2	1.1					100.0	7.8	6.0
TOTAL NUMBER OF OBSERVATIONS 456															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	15.6	3.9	.9	.2							22.5	7.9	7.0
020-040	1.7	22.9	1.5	.2								26.3	6.8	7.0
050-070	1.9	3.3	.3									5.6	5.6	5.0
(E) 080-100	1.0	3.7	.6									5.3	6.8	7.0
110-130	.8	2.9	.6									4.3	6.4	6.0
140-160	1.4	3.2	.9	.1	.1							5.7	7.4	8.0
(S) 170-190	.9	.4	.8	.4								2.5	8.2	6.0
200-220	.4	.3	.2		.1							1.1	7.2	5.0
230-250	.5	.6		.1								1.3	5.9	5.5
(W) 260-280	.2	.9	.2	.2	.1							1.6	9.3	8.0
290-310	1.0	1.7	.2	.4	.4							3.8	9.0	7.0
320-340	2.6	5.1	3.2	1.8	1.0	.3	.2					14.2	10.3	9.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	14.3	60.6	12.4	4.1	1.9	.3	.2					100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 03-05

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	1.8	15.8	5.2	1.4	.6		.1					24.9	8.5	8.0
020-040	3.0	20.5	1.1									24.6	6.6	6.0
050-070	1.5	4.3	.3									6.1	5.8	5.0
(E) 080-100	.6	2.7	.5									3.9	7.1	7.0
110-130	.9	2.7	.5									4.1	6.6	7.0
140-160	1.1	2.6	.9	.2								4.7	7.5	8.0
(S) 170-190	.1	.4	.3	.1								1.0	9.1	9.0
200-220	.4	.6	.2	.1								1.4	7.5	7.0
230-250	.2	.5	.1	.1								1.0	7.2	6.0
(W) 260-280	.5	.9	.1		.1							1.6	6.5	6.0
290-310	.4	2.0	1.3	.6	.6	.4	.1					5.6	12.4	11.0
320-340	1.3	5.4	4.6	2.4	1.3	.2		.1				15.3	11.2	10.0
VARIABLE														
CALM	////////////////////////////////////											5.8	////////////////////////////////	
TOTALS	11.8	58.4	15.1	4.9	2.6	.6	.2	.1				100.0	7.8	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 06-08

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	2.4	15.3	5.7	1.1	.5							24.9	8.3	8.0
020-040	2.3	18.8	1.6	.3								23.0	7.0	7.0
050-070	1.6	3.8	.8	.1								6.2	6.4	6.0
(E) 080-100	.6	1.9	.3									2.9	6.2	6.0
110-130	1.0	2.9	.3									4.2	5.8	5.0
140-160	.8	2.0	1.1	.1								4.0	7.7	7.0
(S) 170-190	.3	1.1	.3	.1								1.8	7.8	7.0
200-220	.2	.8	.2	.1								1.3	7.7	5.5
230-250		.3	.2									.5	7.8	7.0
(W) 260-280	.8	1.0	.5	.2	.3							2.8	9.2	7.0
290-310	.3	3.0	1.1	.9	.3	.1						5.7	10.2	8.0
320-340	1.4	6.6	5.3	2.0	.8	.1	.2					16.3	10.6	10.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	11.7	57.5	17.4	4.9	1.9	.2	.2					100.0	7.7	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	5.4	3.0	.9								12.8	7.4	6.0
020-040	1.7	7.2	.4									9.4	6.0	6.0
050-070	3.8	3.4	.5		.1							7.8	5.3	5.0
(E) 080-100	2.6	4.0	.4									7.0	5.3	5.0
110-130	1.9	4.7	1.3	.1								8.1	6.8	6.0
140-160	2.3	5.3	2.7	.4								10.6	7.4	6.0
(S) 170-190	2.4	3.5	1.7	.2								7.8	6.8	6.0
200-220	1.8	1.5	.4	.1								3.9	5.7	5.0
230-250	1.6	.5	.3	.2								2.7	6.1	4.0
(W) 260-280	.8	.8	.2	.3	.3							2.4	9.0	5.0
290-310	1.2	2.4	2.4	.9	.8							7.5	10.2	10.0
320-340	2.5	3.9	3.7	2.4	.4	.4	.2	.1				13.5	11.2	10.0
VARIABLE														
CALM	////////////////////////////////////											6.5	////////	
TOTALS	26.1	42.6	17.0	5.5	1.6	.4	.2	.1				100.0	7.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	1.8	1.6	1.9	.3	.2	.1					6.3	12.8	11.0
020-040	.6	2.7	.6	.2								4.2	7.5	7.0
050-070	1.3	3.5	.1									4.9	5.8	6.0
(E) 080-100	2.9	6.9	1.1	.1								11.0	6.1	5.5
110-130	2.8	8.3	3.5	.2								14.8	7.3	7.0
140-160	3.3	13.7	4.0	1.2								22.2	7.7	7.0
(S) 170-190	2.3	6.6	1.6	.5	.1							11.1	7.3	7.0
200-220	1.9	1.6	.5	.1	.1							4.3	6.5	5.0
230-250	.8	.3	.9	.2	.3							2.5	10.6	11.0
(W) 260-280	.2	.4	.4	.5	.4	.1						2.2	14.3	15.5
290-310	.4	.9	.9	1.5	.6	.1	.1					4.5	14.2	15.0
320-340	.3	1.2	2.2	1.8	1.3	.5	.1					7.4	15.1	15.0
VARIABLE														
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	17.1	47.9	17.4	8.2	3.1	.9	.3					100.0	8.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 15-17

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	.3	2.5	.5	.8	.3							6.3	10.7	11.0
020-040	1.3	4.8	.9	.2								7.2	7.0	7.0
050-070	1.6	4.6	.8									7.0	6.2	6.0
(E) 080-100	2.5	5.7	1.3									9.5	6.1	6.0
110-130	3.2	11.2	.8	.1								15.3	6.4	6.0
140-160	5.5	11.0	4.0	1.1								21.3	7.2	7.0
(S) 170-190	1.3	3.7	1.0	.2								6.1	7.0	6.0
200-220	.8	1.2	.6	.4								3.0	8.2	7.5
230-250	.6	.6	.8		.2							2.3	8.9	8.0
(W) 260-280	.5	.9	.5	.2		.1						2.3	9.4	8.0
290-310	.3	1.0	1.7	.8	.4	.1						4.3	12.2	12.0
320-340	1.1	1.8	2.4	1.4	1.2	.1	.1	.2				8.3	12.8	12.0
VARIABLE														
CALM	////////////////////////////////////											7.2	////////////////////////////////	
TOTALS	18.8	49.0	17.3	5.2	2.1	.3	.1	.2				100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	3.2	12.8	1.7	.6	.1							18.5	7.0	6.0
020-040	4.1	17.7	2.2									24.0	6.4	6.0
050-070	2.9	4.8	.2									8.0	5.5	5.0
(E) 080-100	1.5	5.2	.5									7.2	6.1	6.0
110-130	1.2	5.4	.5									7.1	6.3	6.0
140-160	1.5	4.9	1.0	.2								7.6	6.9	7.0
(S) 170-190	.8	1.1	.6	.2								2.7	7.6	6.0
200-220	.4	.8	.3	.1								1.6	7.9	7.0
230-250	.3	.5	.3									1.2	7.3	5.0
(W) 260-280	.2	1.3	.3	.1								1.9	7.9	8.0
290-310	.9	1.9	1.6	.2	.1	.1						4.8	9.2	8.0
320-340	1.0	3.3	2.4	1.6	.6	.2	.3					9.5	11.6	10.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	18.0	59.7	11.6	3.0	.8	.3	.3					100.0	6.8	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 21-23

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	3.3	13.2	4.3	.4		.1						21.4	7.5	7.0
020-040	3.2	20.9	1.5	.3								25.9	6.6	6.0
050-070	2.7	6.3	.9									9.9	5.9	5.0
(E) 080-100	1.5	3.7	.4									5.6	5.9	5.0
110-130	.6	3.2	.2									4.1	6.2	5.5
140-160	1.4	4.5	1.2	.2								7.3	7.4	7.0
(S) 170-190	.5	1.1	.6									2.3	7.5	8.0
200-220	.6	.9	.2									1.7	6.1	5.0
230-250	.6	.1	.1									.9	5.3	4.0
(W) 260-280		.4	.1		.1							.6	9.3	7.0
290-310	.3	2.4	.5	.2	.4	.1						4.0	9.5	8.0
320-340	1.0	4.4	1.8	2.0	.6	.3	.1	.1				10.4	11.2	9.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	15.7	61.1	11.8	3.1	1.1	.5	.1	.1				100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC 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	2.1	10.3	3.5	1.0	.3	.0	.0						17.2	8.2	7.0		
020-040	2.2	14.4	1.2	.2											18.1	6.7	6.0
050-070	2.2	4.3	.5	.0	.0										6.9	5.8	5.0
(E) 080-100	1.7	4.2	.7	.0								6.5	6.1	6.0			
110-130	1.5	5.2	1.0	.1							7.7	6.6	6.0				
140-160	2.1	5.9	1.9	.4	.0								10.4	7.4	7.0		
(S) 170-190	1.1	2.2	.9	.2	.0								4.4	7.3	6.0		
200-220	.8	1.0	.3	.1	.0								2.3	6.9	5.0		
230-250	.6	.5	.3	.1	.1								1.5	7.7	6.0		
(W) 260-280	.4	.8	.3	.2	.2	.0							1.9	9.5	8.0		
290-310	.6	1.9	1.2	.7	.5	.1	.0						5.0	10.9	9.5		
320-340	1.4	4.0	3.2	1.9	.9	.3	.2	.1					11.9	11.4	10.0		
VARIABLE																	
CALM	////////////////////////////////////											6.0	////////////////////////////////				
TOTALS	16.7	54.7	15.0	4.9	2.0	.4	.2	.1				100.0	7.4	7.0			
TOTAL NUMBER OF OBSERVATIONS 7440																	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.9	2.5	1.7	2.0	.3	.2						9.5	9.4	8.0
020-040	1.4	2.3										3.7	5.5	5.5
050-070	1.2	2.8	.2									4.1	6.0	6.0
(E) 080-100	1.5	3.4	1.4									6.3	6.8	6.0
110-130	3.4	12.1	1.4									16.9	6.5	6.5
140-160	3.7	14.3	1.7									19.6	6.6	7.0
(S) 170-190	2.1	3.2	1.2									6.6	6.2	6.0
200-220	.9	.5										1.4	3.9	4.0
230-250	.9	.3										1.2	3.8	3.5
(W) 260-280	.8	.6										1.4	4.3	4.0
290-310	.2	.8	.5	.3	.2							1.8	10.2	9.0
320-340	2.1	4.4	4.6	2.5	1.8	.3	.3					16.1	11.8	11.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	21.1	47.2	12.7	4.8	2.3	.5	.3					100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: ALL 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	1.7	9.3	3.5	1.5	.5	.1	.0	.0				16.7	8.9	8.0			
020-040	2.1	9.2	1.2	.2	.0	.0							12.8	6.6	6.0		
050-070	1.8	3.9	.7	.1	.0							6.4	6.3	6.0			
(E) 080-100	1.5	3.7	.7	.1	.0	.0	.0							5.9	6.4	6.0	
110-130	1.4	5.5	1.6	.2	.0							8.8	7.3	7.0			
140-160	1.6	6.6	4.0	.9	.1	.0							13.2	8.7	8.0		
(S) 170-190	1.2	3.7	1.9	.7	.1	.0	.0							7.6	8.6	8.0	
200-220	.7	1.2	.6	.3	.1	.0	.0	.0							2.9	8.8	7.0
230-250	.6	.8	.4	.2	.1	.0	.0	.0							2.0	8.4	7.0
(W) 260-280	.5	.8	.4	.2	.1	.0	.0	.0							2.1	9.1	7.0
290-310	.8	2.0	1.0	.5	.3	.1	.0	.0							4.5	9.5	8.0
320-340	1.2	5.2	3.1	1.7	.9	.2	.1	.0	.0			12.5	10.7	9.0			
VARIABLE																	
CALM	////////////////////////////////////											4.5	////////////////////////////////				
TOTALS	15.1	51.9	19.1	6.6	2.2	.4	.1							100.0	7.9	7.0	

TOTAL NUMBER OF OBSERVATIONS: 87648

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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.

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	1.0	2.4	1.7	1.0	.5	.2						6.7	10.6	9.5
020-040	.8	2.1	.7	.2								3.8	7.3	6.0
050-070	1.4	2.5	.5	.0								4.4	6.0	5.0
(E) 080-100	1.7	3.9	1.2	.1								6.9	6.7	6.0
110-130	2.7	10.6	3.1	.3	.0							16.8	7.3	7.0
140-160	3.8	14.9	6.6	.5	.0	.0						25.8	7.8	7.0
(S) 170-190	2.3	5.3	1.2	.3			.0					9.1	6.7	6.0
200-220	.9	.7	.1	.0			.0					1.8	5.5	4.0
230-250	.9	.4	.0									1.3	4.4	4.0
(W) 260-280	.6	.5	.0					.0				1.2	5.2	4.0
290-310	.8	.9	.2	.3	.4	.1						2.6	9.4	6.0
320-340	1.3	2.6	2.9	1.8	1.7	.6	.4	.1				11.4	13.5	12.0
VARIABLE														
CALM	////////////////////////////////////											8.3	////////	
TOTALS	18.2	46.8	18.2	4.5	2.6	.9	.4	.1				100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS: 5104

D - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND 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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 20000	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 18000	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 8000	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 7000	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 6000	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3000	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	84.8	85.0	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	86.0	86.2	86.9	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	86.5	86.9	87.5	87.9	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	86.9	87.2	88.1	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	87.4	87.7	88.6	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1000	87.8	88.2	89.0	89.7	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	87.9	88.3	89.1	89.8	90.0	90.0	90.1	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 800	88.1	88.6	89.6	90.4	90.6	90.6	90.7	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 700	88.2	88.8	89.8	91.0	91.4	91.4	91.5	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	88.4	89.0	90.1	91.3	91.7	91.8	92.0	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 500	89.1	90.0	91.3	92.6	93.0	93.1	93.8	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	89.7	90.5	91.9	93.3	93.8	93.9	94.5	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 300	89.8	90.6	92.0	93.4	94.0	94.2	94.8	95.6	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 200	90.1	91.0	92.4	94.1	94.7	94.9	95.8	96.7	96.7	97.2	97.2	97.3	97.4	97.4	97.6	97.8
GE 100	90.1	91.1	92.5	94.2	94.8	95.3	96.2	97.2	97.2	97.7	97.7	97.8	98.2	98.2	98.4	99.4
GE 000	90.1	91.1	92.5	94.2	94.8	95.3	96.2	97.2	97.2	97.7	97.7	97.8	98.2	98.2	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.3	70.3	70.3	70.3	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	76.0	76.0	76.0	76.0	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 16000	76.2	76.2	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 14000	77.4	77.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 12000	78.5	78.5	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 10000	79.7	79.7	79.7	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	80.4	80.4	80.4	80.4	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 8000	81.0	81.0	81.0	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 7000	81.9	81.9	81.9	81.9	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 6000	82.7	82.7	82.7	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	83.0	83.0	83.0	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	83.9	83.9	83.9	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	84.2	84.2	84.2	84.2	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	84.6	84.6	84.6	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	85.1	85.1	85.1	85.2	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	86.2	86.2	86.3	86.6	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1800	86.5	86.6	86.7	86.9	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 1500	87.1	87.2	87.3	87.6	87.8	87.8	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1200	87.7	87.8	88.2	88.9	89.1	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1000	87.8	88.0	88.4	89.2	89.5	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	88.3	88.5	88.9	89.8	90.0	90.2	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	88.3	88.5	88.9	90.0	90.3	90.6	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 700	88.6	88.8	89.2	90.6	91.2	91.5	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	88.6	88.8	89.4	90.9	91.6	92.0	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 500	88.7	88.9	89.6	91.2	91.9	92.6	93.0	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 400	88.9	89.2	90.1	92.0	92.9	93.5	94.0	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5
GE 300	88.9	89.4	90.2	92.5	93.3	94.0	94.6	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4
GE 200	89.2	89.7	90.9	93.3	94.5	95.3	96.0	96.6	96.6	96.6	97.0	97.0	97.3	97.3	97.3	97.7
GE 100	89.4	89.8	91.0	93.5	94.7	95.5	96.3	97.0	97.0	97.2	97.6	97.6	98.1	98.1	98.3	99.0
GE 000	89.4	89.8	91.0	93.5	94.7	95.5	96.3	97.0	97.0	97.2	97.6	97.6	98.1	98.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	67.3	67.3	6.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 20000	76.1	76.1	76.1	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.8
GE 18000	76.3	76.3	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9	77.0
GE 16000	76.5	76.5	76.5	76.8	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.2
GE 14000	77.7	77.7	77.7	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.5
GE 12000	79.6	79.6	79.6	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.3
GE 10000	80.4	80.4	80.4	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.2
GE 9000	81.0	81.0	81.0	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.6	81.7
GE 8000	81.3	81.3	81.3	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	82.0
GE 7000	81.9	81.9	81.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.7
GE 6000	82.4	82.4	82.4	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.1
GE 5000	82.9	82.9	82.9	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5	83.7
GE 4500	83.7	83.7	83.7	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.4
GE 4000	84.3	84.3	84.3	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	85.1
GE 3500	84.8	84.8	84.8	85.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.6
GE 3000	85.2	85.2	85.2	85.5	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0
GE 2500	85.8	85.8	85.8	86.1	86.3	86.3	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.9	87.0
GE 2000	86.7	86.8	86.8	87.3	87.5	87.5	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.2
GE 1800	87.2	87.3	87.4	88.2	88.4	88.4	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	89.0
GE 1500	87.4	87.5	87.7	88.7	88.9	88.9	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.9
GE 1200	87.7	88.0	88.2	89.5	89.7	89.7	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.8
GE 1000	88.1	88.3	88.5	89.8	90.0	90.0	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.1	91.2
GE 900	88.4	88.6	88.8	90.1	90.3	90.3	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.6
GE 800	88.5	88.7	88.9	90.2	90.6	90.6	91.7	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.2	92.3
GE 700	88.7	88.9	89.1	90.5	91.1	91.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.8
GE 600	88.9	89.1	89.7	91.1	91.7	91.8	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.4	93.5	93.7
GE 500	88.9	89.1	89.7	91.1	91.7	91.8	93.3	93.5	93.7	93.7	93.7	93.7	93.8	93.8	93.9	94.0
GE 400	89.0	89.2	89.8	91.4	92.2	92.3	93.8	94.1	94.2	94.2	94.2	94.2	94.4	94.4	94.6	94.7
GE 300	89.0	89.4	90.0	91.6	92.4	92.6	94.1	94.6	94.7	94.9	94.9	94.9	95.7	95.7	95.9	96.0
GE 200	89.0	89.4	90.0	91.6	92.4	92.6	94.2	94.7	94.8	95.2	95.5	95.5	96.5	96.5	96.7	97.1
GE 100	89.0	89.4	90.0	91.6	92.4	92.6	94.2	94.7	94.8	95.6	96.1	96.1	97.3	97.4	98.2	99.0
GE 000	89.0	89.4	90.0	91.6	92.4	92.6	94.2	94.7	94.8	95.6	96.1	96.1	97.4	97.5	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	64.9	65.1	65.2	65.7	65.8	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3
GE 20000	78.3	78.4	78.5	79.0	79.1	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7	79.7
GE 18000	78.5	78.6	78.7	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9
GE 16000	78.5	78.6	78.7	79.2	79.4	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.9	79.9
GE 14000	79.6	79.7	79.8	80.3	80.4	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.0	81.0
GE 12000	80.4	80.5	80.6	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.8	81.8
GE 10000	82.2	82.3	82.4	82.9	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.5	83.5
GE 9000	82.6	82.7	82.8	83.3	83.4	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	84.0	84.0
GE 8000	83.1	83.2	83.3	83.9	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.5	84.5
GE 7000	83.9	84.0	84.1	84.6	84.7	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.3	85.3
GE 6000	84.6	84.7	84.8	85.4	85.5	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0
GE 5000	84.9	85.1	85.2	85.7	85.8	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.3	86.3
GE 4500	85.4	85.5	85.6	86.1	86.2	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.8	86.8
GE 4000	85.8	86.0	86.1	86.7	86.8	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.3	87.3
GE 3500	86.3	86.6	86.7	87.2	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8	87.8
GE 3000	86.8	87.0	87.1	87.6	87.7	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.3	88.3
GE 2500	87.3	87.5	87.6	88.4	88.6	89.1	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.6	89.6
GE 2000	88.0	88.2	88.4	89.1	89.4	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.5	90.5
GE 1800	88.3	88.5	88.7	89.5	89.7	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.0	91.0
GE 1500	88.6	88.8	89.0	89.8	90.0	90.8	91.1	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.6	91.6
GE 1200	89.1	89.4	89.8	90.8	91.1	91.8	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.8	92.8
GE 1000	89.1	89.5	89.9	90.9	91.2	92.2	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.2
GE 900	89.4	89.7	90.1	91.1	91.5	92.5	93.2	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.8	93.8
GE 800	89.7	90.0	90.4	91.4	91.9	92.9	93.8	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.4	94.4
GE 700	89.7	90.0	90.4	91.4	91.9	93.0	93.9	94.0	94.1	94.3	94.3	94.3	94.3	94.3	94.5	94.5
GE 600	89.8	90.1	90.6	91.6	92.2	93.2	94.1	94.7	94.8	95.1	95.2	95.2	95.2	95.2	95.4	95.4
GE 500	89.9	90.3	90.9	91.8	92.4	93.7	94.5	95.4	95.5	95.9	96.2	96.2	96.2	96.2	96.5	96.5
GE 400	89.9	90.3	90.9	91.8	92.4	93.7	94.6	95.7	95.8	96.3	96.7	96.7	97.0	97.0	97.2	97.3
GE 300	89.9	90.3	91.0	92.0	92.6	93.9	95.2	96.2	96.3	97.1	97.4	97.4	97.8	97.8	98.1	98.2
GE 200	89.9	90.3	91.2	92.3	92.8	94.1	95.5	96.6	96.7	97.4	97.7	97.7	98.3	98.3	98.8	98.9
GE 100	89.9	90.3	91.2	92.3	92.8	94.1	95.5	96.6	96.7	97.4	97.7	97.8	98.6	98.7	99.9	100.0
GE 000	89.9	90.3	91.2	92.3	92.8	94.1	95.5	96.6	96.7	97.4	97.7	97.8	98.6	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.0	62.0	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 18000	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 16000	81.3	81.3	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 14000	82.3	82.3	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	82.8	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 10000	84.7	84.7	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 9000	85.3	85.3	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 8000	86.0	86.0	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 7000	86.1	86.1	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 6000	86.9	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 5000	87.4	87.4	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	87.8	87.8	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4000	88.3	88.3	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	88.5	88.5	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	89.1	89.1	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	89.4	89.4	89.8	90.0	90.2	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	89.8	89.8	90.2	90.4	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	90.2	90.2	90.6	90.9	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 1500	90.8	90.8	91.2	91.4	91.9	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	91.2	91.2	91.6	91.8	92.4	92.5	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1000	91.8	91.9	92.4	92.6	93.2	93.3	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 900	91.9	92.0	92.5	92.8	93.4	93.5	94.4	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	92.2	92.3	92.7	93.1	93.9	94.0	94.8	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	92.2	92.3	92.7	93.4	94.2	94.3	95.5	95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	92.3	92.4	92.8	93.5	94.3	94.5	95.7	95.9	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	92.8	93.0	93.5	94.5	95.3	95.5	96.8	97.1	97.1	97.5	97.8	97.8	97.8	97.8	97.8	97.8
GE 400	92.9	93.1	93.7	94.6	95.4	95.6	97.0	97.5	97.5	98.0	98.3	98.3	98.6	98.6	98.6	98.6
GE 300	93.1	93.3	93.9	94.8	95.6	95.8	97.2	97.7	97.7	98.2	98.5	98.5	98.8	98.8	98.8	98.8
GE 200	93.2	93.4	94.0	94.9	95.7	95.9	97.4	98.0	98.0	98.4	98.7	98.7	99.0	99.0	99.1	99.1
GE 100	93.2	93.4	94.0	94.9	95.7	95.9	97.4	98.0	98.1	98.5	98.9	99.0	99.4	99.4	99.9	99.9
GE 000	93.2	93.4	94.0	94.9	95.7	95.9	97.4	98.0	98.1	98.5	98.9	99.0	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.2	63.2	63.3	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	76.0	76.2	76.2	76.3	76.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	76.3	76.6	76.6	76.7	76.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 16000	76.5	76.7	76.7	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 14000	78.3	78.5	78.5	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 12000	80.2	80.4	80.4	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 10000	81.2	81.4	81.4	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 9000	82.2	82.4	82.4	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	83.7	83.9	83.9	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	84.3	84.5	84.5	84.6	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	84.9	85.2	85.2	85.3	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	85.5	85.7	85.7	85.8	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	86.1	86.3	86.5	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	87.0	87.2	87.3	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3500	87.5	87.7	87.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	88.0	88.2	88.3	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2500	89.2	89.5	89.6	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 2000	90.6	91.1	91.3	91.5	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1800	91.1	91.5	91.7	91.9	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	91.3	91.8	92.0	92.4	92.4	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	91.6	92.2	92.5	92.8	93.0	93.5	93.8	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	91.7	92.3	92.6	92.9	93.1	93.7	93.9	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	92.2	92.7	93.0	93.3	93.5	94.1	94.3	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	92.2	92.7	93.1	93.4	93.8	94.3	94.5	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 700	92.2	92.7	93.1	93.4	93.9	94.4	94.8	95.1	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 600	92.4	93.0	93.7	94.0	94.4	94.9	95.4	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 500	92.5	93.1	93.8	94.1	94.8	95.4	95.8	96.3	96.5	96.8	96.8	96.8	97.0	97.0	97.0	97.0
GE 400	93.0	93.7	94.3	94.6	95.4	96.1	96.6	97.1	97.2	97.6	97.7	97.7	98.2	98.2	98.2	98.2
GE 300	93.1	93.8	94.4	94.7	95.5	96.2	96.7	97.3	97.4	97.8	98.0	98.0	98.4	98.4	98.4	98.4
GE 200	93.3	94.0	94.6	94.9	95.7	96.5	96.9	97.6	97.7	98.4	98.5	98.5	99.0	99.0	99.0	99.0
GE 100	93.3	94.0	94.6	94.9	95.7	96.5	96.9	97.6	97.7	98.4	98.5	98.5	99.0	99.0	99.4	99.7
GE 000	93.3	94.0	94.6	94.9	95.7	96.5	96.9	97.6	97.7	98.4	98.5	98.5	99.0	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.4	67.6	67.6	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 20000	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 16000	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 14000	77.3	77.5	77.5	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 12000	78.9	79.1	79.1	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	80.3	80.5	80.5	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 9000	80.8	81.0	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 8000	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	83.1	83.3	83.3	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 6000	84.2	84.5	84.5	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 5000	84.7	85.1	85.1	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4500	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4000	86.2	86.6	86.6	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3500	86.6	86.9	86.9	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	87.5	87.8	88.0	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	88.1	88.4	88.5	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	89.6	89.9	90.2	90.4	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	89.8	90.1	90.4	90.6	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	89.8	90.1	90.6	90.9	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	90.1	90.4	91.4	91.9	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1000	90.4	90.8	91.7	92.3	92.5	92.5	92.8	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 900	90.6	91.0	92.0	92.7	92.9	92.9	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 800	91.0	91.3	92.4	93.1	93.5	93.5	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 700	91.2	91.5	92.6	93.3	93.9	93.9	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	91.4	91.7	92.8	93.7	94.2	94.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	91.6	91.9	93.0	94.0	94.5	94.5	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	91.9	92.4	93.5	94.6	95.2	95.5	96.2	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	92.3	92.7	93.9	95.2	95.9	96.2	97.0	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	92.3	92.7	93.9	95.2	96.0	96.3	97.2	97.7	97.7	98.1	98.3	98.3	98.6	98.6	98.7	98.7
GE 100	92.3	92.7	93.9	95.2	96.1	96.5	97.3	97.8	97.8	98.2	98.4	98.4	98.7	98.7	99.5	99.6
GE 000	92.3	92.7	93.9	95.2	96.1	96.5	97.3	97.8	97.8	98.2	98.4	98.4	98.7	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	67.3	67.3	67.3	67.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8
GE 20000	73.8	73.8	73.8	74.0	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.5
GE 18000	73.9	73.9	73.9	74.1	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.6
GE 16000	74.2	74.2	74.2	74.4	74.5	74.5	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.9
GE 14000	75.7	75.7	75.7	75.9	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.5
GE 12000	77.1	77.1	77.1	77.3	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
GE 10000	78.2	78.2	78.2	78.4	78.5	78.5	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.9
GE 9000	79.2	79.2	79.2	79.5	79.6	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	80.0
GE 8000	79.6	79.6	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.3
GE 7000	81.2	81.2	81.2	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9
GE 6000	81.7	81.7	81.8	82.0	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.6
GE 5000	82.5	82.5	82.6	82.8	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.3
GE 4500	84.0	84.0	84.1	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.8
GE 4000	84.9	84.9	85.1	85.3	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.8
GE 3500	85.1	85.1	85.2	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.9
GE 3000	85.6	85.7	85.8	86.0	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.7
GE 2500	86.3	86.5	86.8	87.0	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.6
GE 2000	87.0	87.1	87.5	87.7	88.0	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.4
GE 1800	87.5	87.6	88.1	88.3	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.9
GE 1500	87.8	88.0	88.4	88.6	88.8	88.8	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.7
GE 1200	88.1	88.2	88.7	89.1	89.5	89.5	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.4
GE 1000	88.3	88.4	89.0	89.6	90.0	90.0	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.3
GE 900	88.7	88.9	89.7	90.5	91.0	91.0	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.4
GE 800	88.7	88.9	89.7	90.5	91.2	91.2	91.9	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.6	92.7
GE 700	88.8	89.2	90.2	91.1	91.8	91.8	92.6	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.3
GE 600	89.0	89.5	90.4	91.3	92.2	92.2	93.1	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.8	93.9
GE 500	89.4	89.9	91.0	91.8	92.7	92.7	94.0	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.7	94.8
GE 400	89.9	90.4	91.7	92.6	93.4	93.5	94.8	95.5	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.9
GE 300	89.9	90.4	91.9	92.8	93.7	93.9	95.2	96.1	96.1	96.5	96.7	96.7	96.7	96.7	96.8	96.9
GE 200	89.9	90.4	91.9	92.8	93.7	93.9	95.5	96.5	96.5	97.0	97.3	97.3	97.6	97.6	98.2	98.3
GE 100	89.9	90.4	91.9	92.8	93.7	93.9	95.6	96.6	96.6	97.2	97.5	97.5	97.8	97.8	98.7	99.1
GE 000	89.9	90.4	91.9	92.8	93.7	93.9	95.6	96.6	96.6	97.2	97.5	97.5	97.8	97.8	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	66.5	66.6	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 20000	76.5	76.5	76.6	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 18000	76.7	76.7	76.8	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 16000	76.8	76.9	76.9	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4
GE 14000	78.1	78.2	78.3	78.5	78.5	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	79.4	79.5	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0	80.0
GE 10000	80.7	80.8	80.8	81.0	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3
GE 9000	81.4	81.5	81.5	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0
GE 8000	82.1	82.1	82.2	82.4	82.4	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	83.0	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.6	83.6
GE 6000	83.7	83.8	83.8	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3
GE 5000	84.2	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8	84.8
GE 4500	84.9	84.9	85.0	85.2	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
GE 4000	85.6	85.7	85.8	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 3500	86.0	86.0	86.2	86.3	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6
GE 3000	86.4	86.5	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 2500	87.0	87.1	87.3	87.6	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 2000	88.0	88.2	88.5	88.8	89.0	89.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
GE 1800	88.4	88.6	88.9	89.3	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	89.9
GE 1500	88.7	88.9	89.3	89.7	90.0	90.1	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6
GE 1200	89.1	89.4	89.9	90.5	90.8	91.0	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.6	91.6
GE 1000	89.4	89.6	90.2	90.9	91.2	91.4	91.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.2
GE 900	89.7	90.0	90.5	91.3	91.6	91.8	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 800	89.8	90.1	90.7	91.5	92.0	92.2	92.8	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.3
GE 700	89.9	90.3	90.9	91.9	92.4	92.7	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 600	90.1	90.5	91.2	92.2	92.8	93.1	93.8	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.5	94.5
GE 500	90.4	90.8	91.6	92.6	93.3	93.7	94.5	95.0	95.0	95.2	95.3	95.3	95.4	95.4	95.4	95.4
GE 400	90.7	91.1	92.0	93.1	93.8	94.3	95.2	95.7	95.8	96.0	96.1	96.1	96.3	96.3	96.4	96.4
GE 300	90.8	91.2	92.2	93.4	94.1	94.6	95.6	96.3	96.3	96.6	96.8	96.8	97.1	97.1	97.1	97.2
GE 200	90.9	91.4	92.4	93.6	94.4	94.9	96.1	96.8	96.8	97.3	97.5	97.5	98.0	98.0	98.2	98.3
GE 100	90.9	91.4	92.4	93.7	94.5	95.0	96.2	96.9	97.0	97.5	97.8	97.9	98.4	98.4	99.0	99.5
GE 000	90.9	91.4	92.4	93.7	94.5	95.0	96.2	96.9	97.0	97.5	97.8	97.9	98.4	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	67.3	6.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	67.8	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 16000	68.2	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 14000	70.2	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000	71.0	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 10000	72.1	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 9000	72.6	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	72.9	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 7000	74.0	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 6000	75.0	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	76.0	76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 4500	76.4	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4000	77.4	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	78.0	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	79.2	79.6	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2500	79.7	80.2	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	80.8	81.4	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1800	82.1	82.7	83.2	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1500	83.6	84.2	84.8	85.5	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 1200	84.3	85.0	85.6	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1000	84.9	85.6	86.2	87.0	87.2	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 900	85.3	86.0	86.6	87.4	87.6	87.6	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	85.5	86.2	86.8	87.6	88.0	88.0	88.3	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	86.1	86.8	87.4	88.5	88.8	88.8	89.2	89.5	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 600	86.2	86.9	87.5	88.7	89.4	89.4	89.9	90.2	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 500	86.7	87.4	88.1	89.4	90.1	90.2	90.8	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 400	86.9	87.6	88.5	89.9	90.6	90.7	91.4	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 300	87.0	87.8	88.6	90.2	91.4	91.5	92.5	93.6	94.0	94.3	94.7	94.7	94.9	94.9	94.9	94.9
GE 200	87.0	87.9	88.7	90.3	91.6	91.8	92.7	94.0	94.3	95.1	95.5	95.5	96.0	96.0	96.1	96.6
GE 100	87.0	87.9	88.9	90.6	91.9	92.0	92.9	94.2	94.6	95.4	96.0	96.0	96.6	96.6	97.1	98.4
GE 000	87.0	87.9	88.9	90.6	91.9	92.0	92.9	94.2	94.6	95.4	96.0	96.0	96.6	96.6	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 20000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 14000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 12000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 4500	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 3000	80.4	80.6	80.8	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	81.0	81.2	81.4	81.5	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2000	82.0	82.2	82.4	82.6	82.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	83.2	83.5	83.7	83.9	84.1	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 1500	83.7	84.2	84.5	84.6	84.9	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1200	84.5	85.0	85.3	85.5	85.9	85.9	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1000	84.7	85.4	85.6	85.9	86.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 900	85.7	86.5	86.9	87.2	87.6	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	86.6	87.3	87.8	88.0	88.5	88.5	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	87.0	87.8	88.2	88.5	88.9	88.9	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 600	87.5	88.2	88.7	88.9	89.4	89.4	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 500	87.3	88.5	88.9	89.4	90.3	90.3	91.4	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 400	87.9	88.6	89.0	89.6	90.7	90.7	92.0	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 300	88.2	89.0	89.5	90.2	91.4	91.4	92.7	93.4	93.5	93.4	93.9	93.9	94.1	94.1	94.2	94.2
GE 200	88.3	89.2	89.6	90.6	91.8	91.8	93.1	93.8	93.5	94.0	94.2	94.2	95.3	95.6	96.1	96.6
GE 100	88.3	89.2	89.6	90.6	91.8	91.8	93.1	93.8	93.5	94.0	94.5	94.5	95.9	96.2	97.8	99.3
GE 000	88.3	89.2	89.6	90.6	91.8	91.8	93.1	93.8	93.9	94.0	94.5	94.5	95.9	96.2	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	63.6	63.6	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1
GE 20000	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5
GE 18000	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8
GE 16000	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	72.0
GE 14000	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4
GE 12000	74.1	74.2	74.4	74.4	74.4	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 10000	75.1	75.3	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 9000	75.6	75.7	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2
GE 8000	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
GE 7000	76.6	76.7	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.1
GE 6000	77.6	77.7	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
CE 5000	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7
GE 4500	78.3	78.6	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2
GE 4000	79.0	79.4	79.6	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
GE 3500	79.6	80.1	80.3	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
GE 3000	80.7	81.3	81.5	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0
GE 2500	81.5	82.1	82.3	82.6	82.6	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.9
GE 2000	82.3	83.0	83.3	83.5	83.5	83.5	83.9	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 1800	83.2	83.9	84.1	84.3	84.3	84.3	84.7	84.8	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.2
GE 1500	83.3	84.0	84.2	84.5	84.6	84.6	84.9	85.0	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.5
GE 1200	83.7	84.5	84.7	84.9	85.2	85.2	85.6	85.7	85.7	86.0	86.1	86.1	86.1	86.1	86.1	86.2
GE 1000	84.2	84.9	85.2	85.4	85.6	85.6	86.1	86.5	86.5	86.9	87.0	87.0	87.0	87.0	87.0	87.2
GE 900	84.6	85.3	85.5	85.7	86.0	86.0	86.6	87.0	87.0	87.5	87.6	87.6	87.6	87.6	87.6	87.8
GE 800	84.8	85.5	85.7	86.0	86.2	86.2	86.8	87.3	87.3	88.0	88.1	88.1	88.2	88.2	88.2	88.3
GE 700	85.2	85.9	86.1	86.6	86.8	86.8	87.5	88.2	88.2	88.9	89.0	89.0	89.2	89.2	89.2	89.3
GE 600	85.4	86.1	86.3	86.8	87.0	87.0	87.9	88.6	88.6	89.3	89.4	89.4	89.5	89.5	89.5	89.6
GE 500	85.9	86.7	87.0	87.6	88.0	88.0	89.2	90.2	90.2	91.0	91.2	91.2	91.4	91.4	91.4	91.5
GE 400	85.9	86.7	87.2	87.9	88.7	88.7	89.9	91.0	91.0	92.0	92.1	92.1	92.6	92.6	92.7	92.8
GE 300	86.0	86.8	87.3	88.2	89.0	89.0	90.3	91.5	91.5	92.6	92.7	92.7	93.2	93.2	93.3	93.4
GE 200	86.2	87.0	87.6	88.7	89.5	89.5	91.0	92.3	92.3	93.9	94.0	94.0	94.9	95.2	95.4	95.5
GE 100	86.2	87.0	87.6	88.7	89.5	89.5	91.3	92.6	92.6	94.3	94.5	94.5	96.0	96.2	97.2	99.2
GE 000	86.2	87.0	87.6	88.7	89.5	89.5	91.3	92.6	92.6	94.3	94.5	94.5	96.0	96.2	97.4	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.9	63.0	63.0	63.1	63.1	63.1	63.3	63.3	63.3	63.4	63.4	63.4	63.5	63.5	63.5	63.5
GE 20000	73.5	73.6	73.7	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 18000	73.7	73.9	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6
GE 16000	73.7	73.9	74.0	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.6	74.6	74.6	74.6
GE 14000	75.9	76.0	76.1	76.3	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.7	76.7	76.7	76.7
GE 12000	76.6	76.7	76.8	77.0	77.0	77.0	77.1	77.1	77.1	77.3	77.3	77.3	77.4	77.4	77.4	77.4
GE 10000	76.9	77.0	77.1	77.4	77.4	77.4	77.5	77.5	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 9000	77.1	77.3	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.9	77.9	77.9	78.0	78.0	78.0	78.0
GE 8000	77.6	77.7	77.9	78.1	78.1	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 7000	78.4	78.6	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.2	79.2	79.2	79.3	79.3	79.3	79.3
GE 6000	79.0	79.3	79.4	79.6	79.6	79.6	79.7	79.7	79.7	79.9	79.9	79.9	80.0	80.0	80.0	80.0
GE 5000	79.4	79.6	79.9	80.1	80.1	80.3	80.4	80.4	80.4	80.6	80.6	80.6	80.7	80.7	80.7	80.7
GE 4500	79.6	79.9	80.1	80.4	80.4	80.7	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 4000	80.4	80.7	80.9	81.3	81.3	81.5	81.6	81.6	81.6	81.7	81.7	81.7	81.9	81.9	81.9	81.9
GE 3500	80.9	81.2	81.4	81.7	81.7	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3
GE 3000	81.3	81.5	81.7	82.1	82.1	82.3	82.4	82.4	82.4	82.6	82.6	82.6	82.7	82.7	82.7	82.7
GE 2500	81.5	81.7	82.0	82.4	82.4	82.7	83.2	83.2	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4
GE 2000	83.0	83.3	83.6	84.1	84.1	84.3	85.0	85.0	85.0	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 1800	83.5	83.7	84.3	84.8	84.8	85.0	85.9	85.9	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 1500	84.0	84.2	84.8	85.3	85.3	85.6	86.6	86.7	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 1200	84.5	84.7	85.3	85.7	85.7	86.1	87.3	87.5	87.5	87.6	87.8	87.8	87.9	87.9	87.9	87.9
GE 1000	85.0	85.4	86.1	86.7	86.7	87.4	88.7	88.9	88.9	89.2	89.3	89.3	89.4	89.4	89.4	89.4
GE 900	85.5	85.9	86.7	87.3	87.4	88.1	89.4	89.8	89.8	90.0	90.1	90.1	90.2	90.2	90.2	90.2
GE 800	85.7	86.1	86.9	87.5	87.6	88.6	90.0	90.5	90.5	91.0	91.2	91.2	91.4	91.4	91.4	91.4
GE 700	86.0	86.3	87.2	87.8	87.9	88.8	90.2	90.7	90.7	91.3	91.4	91.4	91.6	91.6	91.6	91.6
GE 600	86.1	86.5	87.4	88.2	88.5	89.4	90.8	91.4	91.4	92.0	92.3	92.3	92.6	92.6	92.6	92.6
GE 500	86.1	86.6	87.6	88.6	88.8	89.8	91.4	92.1	92.1	92.9	93.3	93.3	93.5	93.5	93.5	93.5
GE 400	86.1	86.6	87.6	88.6	88.8	90.0	91.8	92.6	92.6	93.8	94.1	94.1	94.5	94.6	94.6	94.7
GE 300	86.3	86.8	87.9	88.9	89.2	90.6	92.3	93.5	93.5	94.7	95.2	95.2	95.6	95.8	95.8	96.0
GE 200	86.3	86.8	87.9	88.9	89.2	90.6	92.5	93.6	93.6	94.8	95.6	95.6	96.7	96.8	97.2	98.1
GE 100	86.3	86.8	87.9	88.9	89.2	90.6	92.6	93.8	93.8	94.9	96.0	96.0	97.3	97.4	98.2	100.0
GE 000	86.3	86.8	87.9	88.9	89.2	90.6	92.6	93.8	93.8	94.9	96.0	96.0	97.3	97.4	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
GE 20000	73.4	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.9
GE 18000	73.7	73.7	73.7	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2
GE 16000	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 14000	74.4	74.4	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	74.9
GE 12000	75.6	75.6	75.6	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 10000	76.8	76.8	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.3
GE 9000	77.1	77.1	77.1	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.6
GE 8000	77.9	77.9	77.9	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3
GE 7000	78.8	78.8	78.8	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 6000	79.5	79.5	79.5	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 5000	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 4500	80.7	80.7	80.7	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
GE 4000	80.9	80.9	80.9	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.5
GE 3500	81.2	81.2	81.2	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 3000	82.8	82.8	82.8	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.5
GE 2500	84.1	84.1	84.3	84.8	84.9	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 2000	84.5	84.5	84.8	85.3	85.5	85.5	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2
GE 1800	84.7	84.7	85.3	85.7	86.0	86.1	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9
GE 1500	85.2	85.2	85.7	86.3	86.7	86.8	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.8
GE 1200	85.7	85.7	86.5	87.3	87.6	87.9	89.2	89.2	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.6
GE 1000	86.8	86.8	87.5	88.3	88.7	88.9	90.2	90.2	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.8
GE 900	87.2	87.3	88.1	88.9	89.8	90.0	91.4	91.4	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.0
GE 800	87.3	87.4	88.2	89.0	89.9	90.1	91.5	92.0	92.2	92.5	92.6	92.6	92.6	92.6	92.6	92.7
GE 700	87.5	87.6	88.5	89.3	90.1	90.3	91.8	92.2	92.5	92.7	92.8	92.8	92.9	92.9	92.9	93.1
GE 600	87.9	88.0	88.9	89.9	90.9	91.2	92.8	93.3	93.5	93.8	94.1	94.1	94.3	94.3	94.3	94.5
GE 500	88.1	88.2	89.3	90.2	91.5	91.9	93.6	94.1	94.3	94.6	95.1	95.1	95.4	95.4	95.4	95.5
GE 400	88.3	88.5	89.5	90.5	92.1	92.5	94.2	94.8	95.1	95.8	96.2	96.2	96.6	96.6	96.6	96.7
GE 300	88.3	88.5	89.8	90.7	92.3	92.8	94.6	95.3	95.5	96.5	97.1	97.1	97.8	97.8	97.8	98.1
GE 200	88.3	88.5	89.8	90.7	92.3	92.8	94.6	95.3	95.5	96.6	97.3	97.3	98.0	98.0	98.1	98.6
GE 100	88.3	88.5	89.8	90.7	92.3	92.8	94.6	95.3	95.5	96.6	97.3	97.3	98.1	98.2	98.1	100.0
GE 000	88.3	88.5	89.8	90.7	92.3	92.8	94.6	95.3	95.5	96.6	97.3	97.3	98.1	98.2	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.4	54.4	54.4	54.4
GE 20000	69.8	69.8	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4
GE 18000	70.0	70.0	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6
GE 16000	70.2	70.2	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
GE 14000	71.6	71.6	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
GE 12000	72.8	72.8	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3
GE 10000	73.7	73.7	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3
GE 9000	75.0	75.0	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
GE 8000	76.1	76.1	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.7	76.7	76.7	76.7
GE 7000	78.3	78.3	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 6000	79.4	79.4	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	80.0	80.0	80.0	80.0
GE 5000	79.7	79.7	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3
GE 4500	80.3	80.3	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 4000	81.4	81.4	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0
GE 3500	82.0	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 3000	83.7	83.7	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 2500	85.0	85.0	85.5	85.5	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	86.0	86.0	86.0	86.0
GE 2000	86.0	86.0	86.8	86.9	87.1	87.1	87.9	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 1800	86.4	86.4	87.4	87.6	87.9	87.9	88.6	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 1500	86.8	86.8	87.7	88.2	88.6	88.7	90.0	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 1200	87.1	87.1	88.4	89.4	90.0	90.1	91.5	91.7	91.7	91.7	91.7	91.7	91.9	91.9	91.9	91.9
GE 1000	87.3	87.3	88.6	89.5	90.1	90.5	91.7	92.0	92.0	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 900	87.9	87.9	89.3	90.3	91.0	91.3	92.7	93.0	93.2	93.3	93.3	93.3	93.5	93.5	93.5	93.5
GE 800	87.9	87.9	89.3	90.3	91.0	91.3	92.7	93.3	93.4	93.6	93.6	93.6	93.9	93.9	93.9	93.9
GE 700	88.3	88.3	89.7	90.8	91.5	91.7	93.2	93.8	93.9	94.1	94.1	94.1	94.3	94.3	94.3	94.3
GE 600	88.8	88.8	90.3	91.4	92.1	92.3	93.9	94.5	94.6	94.8	94.9	94.9	95.2	95.2	95.2	95.2
GE 500	88.9	88.9	90.7	91.7	92.5	92.7	94.3	94.5	95.0	95.3	95.4	95.4	96.0	96.0	96.0	96.0
GE 400	89.0	89.0	90.9	92.0	92.8	93.2	95.0	95.6	95.8	96.0	96.1	96.1	96.9	96.9	97.1	97.1
GE 300	89.2	89.2	91.0	92.2	93.0	93.4	95.3	96.0	96.1	96.3	96.5	96.5	97.3	97.3	97.4	97.4
GE 200	89.2	89.2	91.0	92.2	93.2	93.5	95.5	96.2	96.3	96.6	96.9	96.9	98.0	98.1	98.6	98.7
GE 100	89.2	89.2	91.0	92.2	93.2	93.5	95.5	96.2	96.3	96.9	97.3	97.3	98.5	98.6	99.1	99.2
GE 000	89.2	89.2	91.0	92.2	93.2	93.5	95.5	96.2	96.3	96.9	97.3	97.3	98.5	98.6	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 848

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 20000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 14000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 10000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 8000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 7000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4500	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	80.9	80.9	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	81.5	81.5	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3000	82.9	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 2500	84.6	84.7	85.2	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	87.0	87.2	87.9	88.5	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1800	87.5	87.8	88.6	89.2	89.2	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500	88.0	88.2	89.0	89.6	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	88.6	88.8	89.8	90.5	90.9	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	88.9	89.2	90.1	91.0	91.5	91.5	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 900	89.2	89.4	90.6	91.5	92.0	92.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	89.3	89.5	90.8	91.8	92.5	92.5	92.8	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4
GE 700	89.5	89.8	91.0	92.0	92.7	92.7	93.1	93.5	93.5	93.5	93.5	93.6	93.6	93.6	93.6	93.6
GE 600	89.8	90.0	91.3	92.2	92.9	92.9	93.3	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9
GE 500	90.1	90.3	91.8	92.9	93.6	93.6	94.3	94.8	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	90.1	90.3	91.8	93.1	93.8	93.8	94.5	94.9	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3
GE 300	90.3	90.6	92.1	93.5	94.2	94.3	95.1	95.6	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 200	90.3	90.6	92.1	93.5	94.2	94.3	95.2	95.8	95.9	96.7	97.1	97.1	97.4	97.4	97.6	97.9
GE 100	90.3	90.6	92.1	93.5	94.2	94.3	95.2	96.0	96.1	96.9	97.4	97.4	98.0	98.1	98.7	99.4
GE 000	90.3	90.6	92.1	93.5	94.2	94.3	95.2	96.0	96.1	96.9	97.4	97.4	98.1	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.6	61.7	61.8	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.2
GE 20000	69.0	69.1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7
GE 18000	69.1	69.3	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	69.8
GE 16000	69.6	69.7	70.0	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3
GE 14000	70.9	71.0	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 12000	72.0	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	72.7
GE 10000	73.6	73.7	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.3
GE 9000	74.2	74.3	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	74.9
GE 8000	74.4	74.6	74.8	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.1
GE 7000	75.4	75.5	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1
GE 6000	76.2	76.3	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.9
GE 5000	76.3	76.4	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
GE 4500	77.0	77.1	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE 4000	78.1	78.2	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8
GE 3500	78.8	78.9	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5
GE 3000	80.2	80.3	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.9
GE 2500	81.0	81.3	81.5	82.1	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 2000	83.2	83.5	83.7	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9
GE 1800	84.3	84.7	84.9	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.1
GE 1500	84.7	85.3	85.5	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 1200	85.6	86.3	86.8	87.9	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.5
GE 1000	86.1	86.8	87.4	88.5	88.8	88.9	89.0	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.5
GE 900	86.6	87.3	87.9	88.9	89.5	89.6	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3
GE 800	86.8	87.5	88.3	89.8	90.6	90.7	91.2	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	92.0
GE 700	87.0	87.8	88.6	90.1	91.0	91.2	91.6	92.0	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.6
GE 600	87.2	87.9	89.0	90.6	91.5	91.6	92.1	92.5	92.6	92.7	92.9	92.9	92.9	92.9	92.9	93.1
GE 500	87.6	88.3	89.5	91.0	92.0	92.1	92.6	93.1	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.8
GE 400	87.6	88.3	89.5	91.0	92.0	92.1	92.7	93.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.9
GE 300	87.9	88.6	89.8	91.3	92.2	92.3	92.9	93.4	93.5	94.0	94.5	94.5	94.7	94.7	94.7	94.8
GE 200	87.9	88.6	89.9	91.4	92.3	92.5	93.2	93.6	93.8	94.3	95.2	95.2	95.9	95.9	95.9	96.3
GE 100	87.9	88.6	90.0	91.5	92.5	92.6	93.4	93.9	94.1	94.7	95.5	95.5	96.5	96.5	97.3	98.5
GE 000	87.9	88.6	90.0	91.5	92.5	92.6	93.4	93.9	94.1	94.7	95.5	95.5	96.7	96.7	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.5	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9
GE 20000	70.8	70.9	71.0	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 18000	71.1	71.2	71.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6
GE 16000	71.4	71.4	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
GE 14000	72.6	72.7	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1
GE 12000	73.7	73.8	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	74.2
GE 10000	74.9	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 9000	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	75.9	76.0	76.1	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.4
GE 7000	77.0	77.1	77.2	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 6000	77.9	78.0	78.1	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 5000	78.3	78.4	78.6	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9
GE 4500	78.8	78.9	79.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 4000	79.5	79.6	79.8	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2
GE 3500	80.1	80.2	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.8
GE 3000	81.4	81.6	81.8	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
GE 2500	82.3	82.5	82.8	83.1	83.2	83.2	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2000	83.6	83.9	84.3	84.7	84.8	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 1800	84.4	84.7	85.2	85.6	85.7	85.8	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.4
GE 1500	84.9	85.3	85.8	86.3	86.5	86.6	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.4
GE 1200	85.5	85.9	86.5	87.2	87.5	87.6	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.6
GE 1000	86.0	86.4	87.1	87.8	88.1	88.3	89.0	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.5
GE 900	86.5	86.9	87.7	88.4	88.9	89.0	89.8	90.1	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.4
GE 800	86.7	87.2	88.0	88.7	89.3	89.5	90.3	90.7	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2
GE 700	87.1	87.5	88.3	89.2	89.7	89.9	90.8	91.2	91.3	91.5	91.6	91.6	91.7	91.7	91.7	91.8
GE 600	87.4	87.8	88.7	89.6	90.2	90.4	91.4	91.8	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.5
GE 500	87.6	88.1	89.1	90.1	90.9	91.1	92.2	92.9	93.0	93.3	93.5	93.5	93.7	93.7	93.7	93.7
GE 400	87.7	88.2	89.3	90.3	91.2	91.4	92.7	93.4	93.5	94.0	94.2	94.2	94.4	94.4	94.5	94.5
GE 300	87.9	88.4	89.5	90.7	91.6	91.9	93.2	94.1	94.2	94.8	95.1	95.1	95.5	95.5	95.5	95.6
GE 200	88.0	88.5	89.6	90.8	91.8	92.1	93.5	94.3	94.5	95.2	95.7	95.7	96.5	96.6	96.9	97.3
GE 100	88.0	88.5	89.6	90.8	91.8	92.1	93.6	94.5	94.6	95.5	96.1	96.1	97.1	97.2	98.0	99.2
GE 000	88.0	88.5	89.6	90.8	91.8	92.1	93.6	94.5	94.6	95.5	96.1	96.1	97.1	97.3	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 6791

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.3	63.3	63.3	63.3
GE 20000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 18000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 16000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3
GE 14000	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.4	69.4	69.4	69.4
GE 12000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6
GE 10000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 9000	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 8000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8
GE 7000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 6000	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 5000	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7
GE 4500	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
GE 4000	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6
GE 3500	78.9	79.0	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.4
GE 3000	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 2500	81.0	81.1	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 2000	82.4	82.6	82.9	83.1	83.2	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5
GE 1800	82.7	83.0	83.3	83.7	83.8	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 1500	83.7	84.0	84.3	84.6	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 1200	84.4	84.8	85.2	85.5	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 1000	84.9	85.4	85.8	86.1	86.5	86.5	86.7	87.0	87.0	87.0	87.0	87.0	87.1	87.1	87.1	87.1
GE 900	85.3	85.7	86.2	86.6	86.9	86.9	87.1	87.4	87.4	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 800	85.5	85.9	86.9	87.2	87.5	87.5	87.8	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.6
GE 700	85.8	86.2	87.2	87.6	88.0	88.0	88.3	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 600	86.1	86.6	87.5	88.1	88.5	88.5	88.9	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 500	86.5	86.9	87.8	88.5	89.0	89.0	89.6	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 400	86.7	87.1	88.5	89.6	90.4	90.4	91.1	91.7	91.7	92.0	92.0	92.0	92.2	92.2	92.2	92.2
GE 300	86.7	87.1	88.6	89.8	90.8	90.8	91.9	92.8	92.8	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 200	87.1	87.5	89.0	90.2	91.2	91.2	92.7	94.0	94.0	94.8	95.5	95.5	96.3	96.5	96.6	96.7
GE 100	87.1	87.5	89.0	90.4	91.4	91.4	93.2	94.5	94.5	95.6	96.2	96.2	97.2	97.3	97.8	98.8
GE 000	87.1	87.5	89.0	90.4	91.4	91.4	93.2	94.5	94.5	95.6	96.2	96.2	97.2	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.5	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 18000	67.8	67.8	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 16000	68.1	68.1	68.1	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 14000	70.3	70.3	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 12000	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 9000	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 6000	76.2	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 5000	77.1	77.1	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 4500	77.7	77.7	77.7	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4000	78.5	78.5	78.6	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3500	79.2	79.2	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3000	79.9	80.0	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	81.1	81.2	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 2000	82.3	82.4	82.6	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 1800	82.4	82.5	82.7	83.1	83.1	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	83.0	83.1	83.3	83.8	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 1200	83.5	83.7	83.9	84.4	84.4	84.4	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	84.0	84.1	84.4	84.9	84.9	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 900	84.3	84.4	84.7	85.3	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 800	84.5	84.6	85.4	85.9	85.9	85.9	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 700	85.1	85.2	85.9	86.5	86.5	86.5	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 600	85.3	85.4	86.1	86.9	86.9	86.9	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 500	85.8	85.9	86.7	87.5	87.6	87.6	88.0	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 400	86.2	86.5	87.2	88.4	88.6	88.6	89.1	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 300	86.7	87.0	88.1	89.5	89.7	89.7	91.5	91.9	91.9	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 200	86.8	87.1	88.2	89.7	89.9	89.9	91.9	92.7	92.9	94.1	94.8	94.8	95.5	95.5	95.8	95.8
GE 100	86.8	87.2	88.3	89.8	90.0	90.0	92.2	93.2	93.4	95.2	96.1	96.1	97.3	97.4	98.2	99.0
GE 000	86.8	87.2	88.3	89.8	90.0	90.0	92.2	93.2	93.4	95.2	96.1	96.1	97.4	97.5	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 18000	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 14000	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 10000	74.4	74.5	74.5	74.6	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 9000	75.2	75.3	75.3	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 8000	75.5	75.6	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 7000	76.7	76.8	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 6000	77.4	77.5	77.5	77.6	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 5000	78.5	78.6	78.7	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 4500	79.2	79.4	79.5	79.7	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 4000	80.1	80.2	80.3	80.5	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3500	81.2	81.3	81.4	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3000	81.6	81.7	81.8	82.2	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	82.2	82.3	82.5	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	83.2	83.3	83.7	84.0	84.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	83.3	83.4	83.8	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1500	83.9	84.0	84.3	84.6	84.7	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	84.4	84.5	84.8	85.3	85.4	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 1000	84.4	8.5	84.8	85.3	85.5	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 900	84.6	84.7	85.2	85.6	85.8	86.0	86.1	86.2	86.2	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 800	84.8	84.9	85.4	85.8	86.2	86.5	86.9	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 700	84.9	85.1	85.5	85.9	86.3	86.6	87.0	87.2	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5
GE 600	84.9	85.1	85.5	85.9	86.5	86.7	87.1	87.3	87.3	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 500	84.9	85.1	85.7	86.1	86.7	86.9	87.5	88.1	88.1	88.6	88.6	88.6	88.7	88.7	88.7	88.7
GE 400	85.4	85.5	86.1	86.7	87.2	87.6	88.6	89.2	89.2	90.0	90.0	90.0	90.2	90.2	90.2	90.2
GE 300	85.6	85.7	86.5	87.0	87.5	88.0	89.6	90.5	90.5	91.8	92.2	92.2	92.6	92.6	92.6	92.6
GE 200	85.6	85.7	86.6	87.2	87.7	88.3	90.1	91.2	91.3	92.9	93.9	93.9	95.6	95.6	95.6	96.0
GE 100	85.6	85.7	86.6	87.2	87.7	88.3	90.2	91.4	91.8	93.4	94.4	94.5	96.9	96.9	97.2	99.0
GE 000	85.6	85.7	86.6	87.2	87.7	88.3	90.2	91.4	91.8	93.4	94.4	94.5	96.9	96.9	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	56.0	56.0	56.1	56.2	56.2	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.7
GE 20000	70.3	70.3	70.4	70.5	70.5	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.9	71.0
GE 18000	70.9	70.9	71.0	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.4	71.5
GE 16000	71.1	71.1	71.2	71.3	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.7
GE 14000	72.9	72.9	73.0	73.1	73.1	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.5
GE 12000	74.3	74.3	74.4	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.9
GE 10000	75.6	75.7	75.8	75.9	75.9	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.2	76.3
GE 9000	75.8	75.9	76.0	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.5	76.6
GE 8000	77.1	77.2	77.3	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.8
GE 7000	79.0	79.1	79.2	79.5	79.5	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.9
GE 6000	79.7	79.8	79.9	80.1	80.1	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.5
GE 5000	81.0	81.1	81.2	81.4	81.4	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9
GE 4500	81.2	81.3	81.4	81.6	81.6	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.2
GE 4000	82.3	82.4	82.5	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2
GE 3500	82.3	82.4	82.5	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2
GE 3000	82.6	82.7	82.8	83.0	83.0	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.5
GE 2500	83.3	83.4	83.7	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.5
GE 2000	85.3	85.4	85.8	86.2	86.3	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.9
GE 1800	85.6	85.7	86.1	86.6	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.2
GE 1500	86.1	86.2	86.7	87.1	87.3	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.0
GE 1200	86.7	86.8	87.2	87.6	87.8	88.1	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.5
GE 1000	86.8	86.9	87.4	87.8	88.2	88.5	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1
GE 900	86.9	87.0	87.5	88.1	88.4	88.7	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.5
GE 800	87.0	87.1	87.6	88.2	88.6	88.9	89.9	90.1	90.2	90.2	90.2	90.2	90.2	90.3	90.4	90.5
GE 700	87.0	87.1	87.7	88.3	88.7	89.0	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.5	90.6
GE 600	87.2	87.3	88.1	88.7	89.1	89.5	90.4	90.9	91.0	91.3	91.3	91.3	91.3	91.5	91.6	91.7
GE 500	87.6	87.7	88.5	89.1	89.6	90.1	91.5	91.9	92.0	92.5	92.5	92.5	92.7	92.7	92.8	92.9
GE 400	87.8	88.0	88.8	89.5	90.0	90.5	92.0	92.6	92.7	93.1	93.3	93.3	93.7	93.7	93.8	93.9
GE 300	88.0	88.1	88.9	89.6	90.2	90.8	92.3	93.3	93.5	94.2	94.9	94.9	95.4	95.4	95.5	95.6
GE 200	88.2	88.3	89.2	89.9	90.5	91.1	92.6	93.9	94.2	95.2	96.6	96.7	97.5	97.5	97.8	98.1
GE 100	88.2	88.3	89.2	89.9	90.5	91.1	92.6	93.9	94.2	95.4	96.8	96.9	97.7	97.7	98.4	99.5
GE 000	88.2	88.3	89.2	89.9	90.5	91.1	92.6	93.9	94.2	95.4	96.8	96.9	97.7	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	49.9	49.9	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 20000	66.5	66.5	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	67.1	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	67.3	67.3
GE 14000	68.6	68.6	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 12000	69.7	69.7	69.7	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	70.6	70.6	70.6	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 9000	72.5	72.5	72.5	72.5	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	74.7	74.7	74.7	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 7000	77.3	77.3	77.3	77.3	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 6000	79.9	79.9	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 5000	80.4	80.4	80.4	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	81.2	81.2	81.2	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4000	83.1	83.1	83.1	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3000	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	86.3	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 2000	87.7	87.7	87.7	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	88.4	88.4	88.4	88.5	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 1500	88.5	88.5	88.7	88.8	89.4	89.4	89.6	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.8	89.8
GE 1200	88.9	88.9	89.1	89.2	89.9	89.9	90.1	90.2	90.2	90.3	90.4	90.4	90.5	90.5	90.5	90.5
GE 1000	89.1	89.2	89.5	89.7	90.3	90.3	90.6	90.8	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.2
GE 900	89.2	89.4	89.6	89.8	90.4	90.4	90.8	90.9	90.9	91.0	91.2	91.2	91.3	91.3	91.3	91.3
GE 800	89.5	89.6	89.8	90.0	90.8	90.8	91.5	92.2	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.7
GE 700	89.5	89.6	89.8	90.1	90.9	91.0	91.7	92.4	92.4	92.7	92.9	92.9	93.0	93.0	93.0	93.0
GE 600	89.5	89.7	90.0	90.3	91.1	91.2	92.0	92.8	92.8	93.2	93.4	93.4	93.5	93.5	93.5	93.5
GE 500	89.7	89.9	90.3	90.6	91.4	91.6	92.7	93.4	93.4	93.9	94.1	94.1	94.2	94.2	94.2	94.2
GE 400	89.8	90.0	90.8	91.2	91.9	92.2	93.5	94.4	94.4	94.8	95.1	95.1	95.3	95.3	95.3	95.3
GE 300	89.8	90.1	90.9	91.4	92.4	92.6	94.1	95.1	95.2	96.2	96.6	96.6	96.8	96.8	96.8	96.8
GE 200	89.8	90.1	90.9	91.4	92.4	92.6	94.1	95.3	95.5	96.8	97.3	97.3	98.2	98.2	98.4	98.9
GE 100	89.8	90.1	90.9	91.4	92.4	92.6	94.1	95.3	95.5	96.8	97.4	97.4	98.5	98.6	99.1	100.0
GE 000	89.8	90.1	90.9	91.4	92.4	92.6	94.1	95.3	95.5	96.8	97.4	97.4	98.5	98.6	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PTERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 20000	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 14000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 12000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 8000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 6000	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	78.5	78.5	78.5
GE 5000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 4000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 2500	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 2000	89.2	89.4	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	89.5	89.6	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1500	89.9	90.0	90.0	90.3	90.5	90.5	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	90.5	90.6	90.8	91.1	91.3	91.3	91.6	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	91.0	91.1	91.5	91.8	92.3	92.3	92.8	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 900	91.0	91.1	91.5	91.8	92.3	92.3	92.8	93.1	93.1	93.2	93.2	93.2	93.4	93.4	93.4	93.4
GE 800	91.1	91.2	91.6	92.0	92.5	92.5	93.2	93.5	93.5	93.7	93.7	93.7	93.9	93.9	93.9	93.9
GE 700	91.3	91.4	92.2	92.6	93.0	93.0	93.9	94.3	94.3	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 600	91.4	91.5	92.4	93.0	93.7	93.8	94.7	95.2	95.2	95.3	95.3	95.3	95.5	95.5	95.5	95.5
GE 500	91.4	91.5	92.4	93.1	93.8	94.0	95.1	95.8	95.8	96.3	96.3	96.3	96.7	96.7	96.7	96.7
GE 400	91.4	91.5	92.5	93.3	94.1	94.3	95.5	96.5	96.5	97.0	97.3	97.3	97.7	97.7	97.7	97.7
GE 300	91.4	91.5	92.5	93.3	94.2	94.4	95.8	96.8	96.8	97.5	98.0	98.0	98.8	98.8	98.8	98.8
GE 200	91.4	91.5	92.5	93.3	94.2	94.4	95.8	97.0	97.2	98.1	98.6	98.6	99.7	99.8	99.8	99.8
GE 100	91.4	91.5	92.5	93.3	94.2	94.4	95.8	97.0	97.2	98.1	98.6	98.6	99.8	99.9	100.0	100.0
GE 000	91.4	91.5	92.5	93.3	94.2	94.4	95.8	97.0	97.2	98.1	98.6	98.6	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 20000	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 18000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 16000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 14000	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 10000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 8000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 6000	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7
GE 5000	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	78.9	79.0
GE 4500	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7
GE 4000	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	8.5
GE 3500	85.6	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 3000	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	87.8	87.8	88.0
GE 2500	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 2000	90.3	90.6	90.6	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	91.0
GE 1800	90.6	91.0	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3
GE 1500	91.2	91.5	91.5	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 1200	92.0	92.5	92.5	92.6	92.9	92.9	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 1000	92.0	92.5	92.6	92.8	93.2	93.2	93.5	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0
GE 900	92.3	92.7	92.9	93.2	93.8	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6
GE 800	92.6	93.0	93.3	93.7	94.3	94.3	94.6	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 700	92.6	93.0	93.4	93.9	94.5	94.5	94.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 600	92.6	93.0	93.4	93.9	94.6	94.7	95.1	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 500	92.9	93.5	94.0	94.5	95.5	95.8	96.1	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 400	92.9	93.5	94.1	94.7	95.7	96.0	96.7	97.4	97.4	98.0	98.0	98.0	98.0	98.0	98.0	98.1
GE 300	92.9	93.5	94.1	94.7	95.7	96.0	96.7	97.4	97.4	98.0	98.3	98.3	98.5	98.5	98.5	98.6
GE 200	92.9	93.5	94.1	94.7	95.8	96.1	96.9	97.8	97.8	99.0	99.4	99.4	99.7	99.7	99.7	99.8
GE 100	92.9	93.5	94.2	94.8	95.9	96.2	97.0	98.0	98.0	99.1	99.5	99.5	99.8	99.8	99.8	99.9
GE 000	92.9	93.5	94.2	94.8	95.9	96.2	97.0	98.0	98.0	99.1	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.5	59.5	59.7	59.7
GE 20000	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8	64.8	65.1	65.1
GE 18000	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9	64.9	65.2	65.2
GE 16000	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.6	65.6
GE 14000	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8	66.8	67.0	67.0
GE 12000	68.1	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.3	68.3	68.5	68.5
GE 10000	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.3	70.3
GE 9000	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.7	71.7
GE 8000	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.3	73.3
GE 7000	74.2	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5	74.7	74.7
GE 6000	75.9	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.6	76.6
GE 5000	76.9	76.9	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.5	77.5
GE 4500	78.2	78.2	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.9	78.9
GE 4000	80.6	80.6	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2	81.4	81.4
GE 3500	81.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.4	82.4
GE 3000	83.5	83.5	83.8	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.5	84.5
GE 2500	84.8	84.8	85.1	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.9	85.9
GE 2000	85.7	85.7	86.1	86.7	86.8	86.9	87.2	87.3	87.3	87.3	87.3	87.3	87.4	87.4	87.6	87.6
GE 1800	86.3	86.3	86.8	87.4	87.5	87.6	88.0	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.4	88.4
GE 1500	86.8	86.8	87.4	88.1	88.3	88.4	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	89.1	89.1
GE 1200	87.5	87.7	88.4	89.1	89.4	89.5	90.2	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.6	90.6
GE 1000	88.3	88.5	89.2	90.0	90.2	90.4	91.4	91.6	91.6	91.7	91.7	91.7	91.8	91.8	92.0	92.0
GE 900	88.5	88.7	89.5	90.3	90.5	90.8	91.7	91.9	91.9	92.2	92.2	92.2	92.3	92.3	92.5	92.5
GE 800	88.7	89.0	89.9	90.8	91.1	91.3	92.3	92.6	92.6	92.8	92.8	92.8	92.9	92.9	93.1	93.1
GE 700	88.7	89.0	89.9	90.9	91.2	91.4	92.5	92.8	92.8	93.0	93.0	93.0	93.1	93.1	93.3	93.3
GE 600	88.9	89.2	90.1	91.1	91.5	91.7	92.8	93.1	93.1	93.3	93.3	93.3	93.4	93.4	93.7	93.7
GE 500	89.1	89.5	90.3	91.3	91.7	91.9	93.2	93.7	93.7	94.1	94.2	94.2	94.5	94.5	94.7	94.7
GE 400	89.1	89.5	90.5	91.6	92.2	92.4	93.8	94.2	94.2	94.7	94.8	94.8	95.2	95.2	95.4	95.4
GE 300	89.2	89.7	90.9	92.0	92.7	92.9	94.6	95.1	95.1	95.6	95.8	95.8	96.1	96.1	96.5	96.5
GE 200	89.2	89.7	90.9	92.0	92.8	93.0	94.8	95.7	95.7	97.1	97.3	97.3	97.8	98.0	98.4	98.4
GE 100	89.2	89.7	90.9	92.0	92.8	93.0	94.8	95.7	95.7	97.1	97.3	97.3	98.2	98.3	98.9	99.7
GE 000	89.2	89.7	90.9	92.0	92.8	93.0	94.8	95.7	95.7	97.1	97.3	97.3	98.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	55.3	55.3	55.3	55.4	55.4	55.4	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 20000	66.3	66.3	66.3	66.4	66.4	66.4	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6	66.6
GE 18000	66.6	66.6	66.6	66.7	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.9
GE 16000	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
GE 14000	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.8	68.8
GE 12000	69.9	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	70.2	70.2
GE 10000	71.7	71.7	71.7	71.8	71.8	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0
GE 9000	73.0	73.0	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 8000	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 7000	76.0	76.0	76.0	76.1	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	77.6	77.6	77.7	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	78.0
GE 5000	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 4500	79.6	79.7	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1
GE 4000	81.3	81.4	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8
GE 3500	82.3	82.4	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8
GE 3000	83.4	83.5	83.6	83.7	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 2500	84.4	84.5	84.6	84.8	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.1
GE 2000	85.8	85.9	86.1	86.4	86.5	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8
GE 1800	86.1	86.2	86.5	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2
GE 1500	86.6	86.8	87.0	87.4	87.6	87.6	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0
GE 1200	87.3	87.4	87.7	88.1	88.3	88.4	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	89.0	89.0
GE 1000	87.6	87.8	88.2	88.6	88.9	89.0	89.3	89.5	89.5	89.6	89.6	89.6	89.7	89.7	89.7	89.8
GE 900	87.8	88.0	88.4	88.8	89.2	89.3	89.7	89.9	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 800	88.0	88.2	88.7	89.2	89.6	89.7	90.3	90.6	90.6	90.8	90.8	90.8	90.9	90.9	90.9	91.0
GE 700	88.1	88.3	89.0	89.5	89.9	90.0	90.6	91.0	91.0	91.1	91.1	91.1	91.2	91.2	91.3	91.3
GE 600	88.2	88.5	89.1	89.7	90.2	90.4	91.0	91.4	91.5	91.6	91.7	91.7	91.8	91.8	91.8	91.8
GE 500	88.5	88.8	89.5	90.1	90.7	90.9	91.7	92.2	92.3	92.7	92.7	92.7	92.8	92.8	92.9	92.9
GE 400	88.7	88.9	89.8	90.6	91.3	91.5	92.5	93.2	93.2	93.7	93.8	93.8	94.0	94.0	94.0	94.0
GE 300	88.8	89.1	90.0	90.9	91.6	91.9	93.3	94.1	94.2	94.9	95.2	95.2	95.5	95.5	95.6	95.6
GE 200	88.9	89.2	90.2	91.1	91.8	92.1	93.6	94.7	94.8	96.0	96.7	96.7	97.5	97.6	97.8	97.9
GE 100	88.9	89.2	90.2	91.1	91.9	92.1	93.7	94.9	95.0	96.3	97.0	97.1	98.2	98.2	98.7	99.5
GE 000	88.9	89.2	90.2	91.1	91.9	92.1	93.7	94.9	95.0	96.3	97.0	97.1	98.2	98.3	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 12000	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 10000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	80.3	80.3	80.3	80.4	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	81.9	81.9	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	83.1	83.1	83.2	83.3	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	84.1	84.1	84.2	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	85.5	85.5	85.7	85.8	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3000	86.7	86.7	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2500	88.3	88.3	88.4	88.7	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	90.2	90.3	90.4	90.8	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	90.4	90.5	90.7	91.0	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	91.2	91.3	91.5	91.9	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	91.7	91.8	92.0	92.3	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	92.5	92.8	93.1	93.4	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	92.9	93.2	93.7	94.0	94.3	94.3	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	93.2	93.5	94.0	94.3	94.8	94.8	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 700	93.3	93.8	94.2	94.5	95.0	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	93.5	94.0	94.4	94.8	95.2	95.4	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	94.0	94.4	95.0	95.6	96.0	96.3	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	94.0	94.4	95.0	95.6	96.0	96.3	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	94.1	94.5	95.2	95.9	96.3	96.7	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 200	94.5	95.0	95.8	96.6	97.1	97.4	98.1	98.7	98.7	98.9	98.9	98.9	99.1	99.1	99.3	99.3
GE 100	94.5	95.0	95.8	96.6	97.1	97.4	98.1	98.7	98.7	98.9	98.9	98.9	99.3	99.3	99.6	99.7
GE 000	94.5	95.0	95.8	96.6	97.1	97.4	98.1	98.7	98.7	98.9	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7
GE 20000	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7
GE 18000	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 16000	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 14000	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 12000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4
GE 10000	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 9000	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 8000	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 7000	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4
GE 6000	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 5000	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9
GE 4500	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 4000	84.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9
GE 3500	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 3000	85.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 2500	87.3	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0
GE 2000	89.2	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 1800	89.6	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 1500	90.2	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 1200	91.0	91.7	91.7	91.7	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0	92.0	92.0
GE 1000	91.2	91.9	92.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.4	92.4	92.4	92.4
GE 900	91.4	92.1	92.2	92.2	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 800	92.1	92.8	92.9	92.9	93.0	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.6	93.6	93.6	93.6
GE 700	93.0	93.7	93.8	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.4	94.4	94.4	94.4
GE 600	93.2	93.9	94.0	94.1	94.3	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9
GE 500	93.4	94.1	94.2	94.7	94.9	95.0	95.2	95.6	95.6	95.6	95.6	95.6	95.8	95.8	95.8	95.8
GE 400	93.6	94.2	94.3	94.9	95.1	95.2	95.4	95.8	95.8	95.9	95.9	95.9	96.1	96.1	96.1	96.1
GE 300	93.7	94.3	94.6	95.1	95.4	95.6	95.9	96.2	96.2	96.8	96.8	96.8	97.1	97.1	97.1	97.1
GE 200	94.2	95.0	95.4	96.0	96.3	96.4	96.9	97.2	97.2	97.9	97.9	97.9	98.2	98.2	98.2	98.2
GE 100	94.2	95.0	95.4	96.0	96.3	96.6	97.0	97.3	97.3	98.2	98.3	98.3	98.8	98.8	98.8	99.6
GE 000	94.2	95.0	95.4	96.0	96.3	96.6	97.0	97.3	97.3	98.2	98.3	98.3	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.2	61.2	61.2	61.2
GE 20000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.6	71.7	71.7	71.8	71.8	71.8	71.8
GE 18000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1
GE 16000	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1
GE 14000	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4	74.6	74.6	74.7	74.7	74.7	74.7
GE 12000	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.7	76.7	76.8	76.8	76.8	76.8
GE 10000	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.6	78.7	78.7	78.8	78.8	78.8	78.8
GE 9000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.3	79.3	79.4	79.4	79.4	79.4
GE 8000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9
GE 7000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4
GE 6000	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7	82.8	82.8	82.9	82.9	82.9	82.9
GE 5000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.6	83.7	83.7	83.8	83.8	83.8	83.8
GE 4500	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.4	84.4	84.4	84.4
GE 4000	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.6	85.6	85.6	85.6
GE 3500	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2
GE 3000	86.8	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3
GE 2500	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.6	87.7	87.7	87.8	87.8	87.8	87.8
GE 2000	89.2	88.3	88.3	88.6	88.6	88.6	88.8	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.4
GE 1800	89.0	89.1	89.1	89.3	89.3	89.3	89.6	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.3
GE 1500	89.8	89.9	89.9	90.2	90.2	90.2	90.4	90.8	90.8	90.9	91.0	91.0	91.2	91.2	91.2	91.2
GE 1200	90.3	90.4	90.4	90.8	90.8	90.8	91.0	91.3	91.3	91.4	91.6	91.6	91.8	91.8	91.8	91.8
GE 1000	90.7	90.8	90.8	91.1	91.2	91.2	91.4	91.9	91.9	92.0	92.1	92.1	92.3	92.3	92.3	92.3
GE 900	90.8	90.9	90.9	91.2	91.3	91.3	91.6	92.1	92.1	92.2	92.3	92.3	92.6	92.6	92.6	92.6
GE 800	91.6	91.7	91.7	92.0	92.1	92.1	92.4	93.0	93.0	93.2	93.3	93.3	93.6	93.6	93.6	93.6
GE 700	92.0	92.1	92.1	92.4	92.6	92.6	93.0	93.6	93.6	93.8	93.9	93.9	94.1	94.1	94.1	94.1
GE 600	92.3	92.7	92.8	93.1	93.2	93.2	93.7	94.2	94.2	94.4	94.6	94.6	94.8	94.8	94.8	94.8
GE 500	92.3	92.7	92.8	93.1	93.2	93.3	93.9	94.6	94.6	94.9	95.1	95.1	95.4	95.4	95.4	95.4
GE 400	92.6	92.9	93.1	93.4	93.8	94.0	94.6	95.4	95.4	95.8	96.0	96.0	96.3	96.3	96.3	96.3
GE 300	92.6	92.9	93.1	93.4	93.8	94.0	94.6	95.4	95.4	96.1	96.3	96.3	96.7	96.7	96.7	96.7
GE 200	92.6	92.9	93.1	93.4	94.0	94.3	94.9	96.0	96.0	96.8	97.2	97.3	97.8	97.8	98.1	98.4
GE 100	92.6	92.9	93.1	93.4	94.0	94.3	94.9	96.0	96.0	96.9	97.4	97.7	98.1	98.4	99.1	100.0
GE 000	92.6	92.9	93.1	93.4	94.0	94.3	94.9	96.0	96.0	96.9	97.4	97.7	98.1	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 16000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 12000	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	78.4	78.4
GE 10000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	86.3	86.3	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	86.4
GE 3500	87.6	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3000	89.0	89.0	89.1	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	89.8	89.8	89.9	90.1	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	91.1	91.1	91.2	91.4	91.4	91.6	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	91.4	91.4	91.6	91.8	91.8	9.9	92.4	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 1500	92.2	92.2	92.3	92.6	92.7	92.8	93.3	93.4	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 1200	92.9	92.9	93.0	93.3	93.4	93.6	94.1	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	93.3	93.3	93.4	93.8	93.9	94.0	94.6	94.7	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	93.4	93.4	93.6	93.9	94.0	94.2	94.8	95.0	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	93.8	93.8	93.9	94.2	94.3	94.6	95.1	95.4	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	94.1	94.1	94.2	94.7	94.8	95.0	95.6	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	94.4	94.4	94.6	95.0	95.1	95.3	95.9	96.3	96.3	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	94.7	94.7	94.9	95.4	95.6	95.8	96.4	97.0	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	94.7	94.7	94.9	95.4	95.6	95.8	96.6	97.1	97.1	97.3	97.6	97.6	97.6	97.6	97.6	97.6
GE 300	94.7	94.7	94.9	95.4	95.7	96.1	97.0	97.6	97.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	94.8	94.8	95.0	95.8	96.0	96.6	97.6	98.1	98.1	98.8	99.0	99.0	99.3	99.3	99.6	99.7
GE 100	94.8	94.8	95.0	95.8	96.0	96.6	97.6	98.1	98.1	98.8	99.0	99.0	99.4	99.4	99.8	100.0
GE 000	94.8	94.8	95.0	95.8	96.0	96.6	97.6	98.1	98.1	98.8	99.0	99.0	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 20000	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 16000	66.0	66.0	66.0	66.0	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 14000	67.0	67.0	67.0	67.0	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	68.0	68.0	68.0	68.0	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 10000	70.3	70.3	70.3	70.3	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 9000	74.3	74.3	74.4	74.4	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	76.7	76.7	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 6000	82.4	82.4	82.6	82.6	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	84.2	84.2	84.3	84.3	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	85.9	85.9	86.0	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	87.4	87.4	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	88.8	88.8	89.3	89.3	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	90.6	90.7	91.2	91.2	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	92.9	93.0	93.6	93.6	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	93.6	93.7	94.2	94.2	94.6	94.6	94.8	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	93.8	93.9	94.4	94.4	94.8	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	94.1	94.2	94.8	94.8	95.1	95.1	95.4	95.7	95.7	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	94.9	95.0	95.6	95.7	96.0	96.0	96.3	96.6	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	95.0	95.1	95.7	96.0	96.3	96.3	96.8	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	95.0	95.1	95.7	96.0	96.3	96.3	96.8	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	95.0	95.1	95.7	96.0	96.3	96.3	96.8	97.1	97.1	97.4	97.6	97.7	97.7	97.7	97.7	97.7
GE 700	95.0	95.1	95.7	96.1	96.4	96.4	96.9	97.2	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8
GE 600	95.1	95.2	95.8	96.2	96.6	96.6	97.0	97.3	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9
GE 500	95.1	95.2	95.8	96.4	96.8	96.8	97.2	97.6	97.6	98.0	98.1	98.2	98.4	98.4	98.4	98.4
GE 400	95.1	95.2	95.8	96.6	97.0	97.0	97.4	97.8	97.8	98.3	98.4	98.6	98.9	98.9	98.9	98.9
GE 300	95.1	95.2	95.8	96.6	97.2	97.2	97.7	98.0	98.0	98.6	98.7	98.8	99.1	99.1	99.1	99.1
GE 200	95.1	95.2	95.8	96.6	97.2	97.2	97.7	98.1	98.1	98.7	98.8	98.9	99.2	99.2	99.3	99.4
GE 100	95.1	95.2	95.8	96.6	97.2	97.2	97.7	98.1	98.1	98.8	98.9	99.0	99.6	99.6	99.8	100.0
GE 000	95.1	95.2	95.8	96.6	97.2	97.2	97.7	98.1	98.1	98.8	98.9	99.0	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 20000	56.8	56.8	57.0	57.0	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 18000	57.1	57.1	57.2	57.2	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	57.4	57.4	57.5	57.5	57.5	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	58.5	58.5	58.6	58.6	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	60.1	60.1	60.2	60.2	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 10000	65.9	65.9	66.0	66.0	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 9000	71.4	71.4	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 8000	75.1	75.1	75.3	75.3	75.3	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 7000	80.5	80.5	80.8	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	82.3	82.3	82.5	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	83.5	83.5	83.8	83.8	83.8	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	84.6	84.6	84.9	84.9	84.9	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3
GE 4000	86.9	86.9	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5
GE 3500	88.4	88.4	88.7	88.7	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1
GE 3000	90.7	90.7	90.9	91.1	91.1	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5
GE 2500	92.2	92.2	92.5	93.1	93.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5
GE 2000	93.3	93.4	93.9	94.5	94.7	94.9	95.2	95.4	95.4	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 1800	93.8	93.9	94.3	95.0	95.1	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1
GE 1500	94.0	94.1	94.5	95.2	95.3	95.7	96.0	96.2	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 1200	94.3	94.4	95.0	95.8	96.0	96.3	96.7	97.0	97.0	97.2	97.2	97.2	97.2	97.3	97.3	97.3
GE 1000	94.3	94.4	95.0	95.9	96.1	96.4	96.8	97.1	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7
GE 900	94.3	94.4	95.0	96.0	96.3	96.7	97.0	97.3	97.3	97.7	97.8	97.8	97.9	97.9	97.9	97.9
GE 800	94.4	94.5	95.1	96.1	96.4	96.8	97.1	97.7	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 700	94.4	94.5	95.1	96.1	96.4	96.8	97.1	97.7	97.7	98.0	98.2	98.2	98.3	98.3	98.3	98.3
GE 600	94.5	94.7	95.3	96.3	96.7	97.0	97.3	97.9	97.9	98.2	98.4	98.4	98.6	98.6	98.6	98.6
GE 500	94.7	94.8	95.4	96.4	96.8	97.1	97.4	98.0	98.0	98.3	98.6	98.6	98.8	98.8	98.8	98.8
GE 400	94.7	94.8	95.7	96.7	97.0	97.3	97.8	98.3	98.3	98.7	99.0	99.0	99.2	99.2	99.2	99.2
GE 300	94.7	94.8	95.7	96.7	97.0	97.3	97.8	98.3	98.3	98.7	99.0	99.0	99.4	99.4	99.4	99.4
GE 200	94.7	94.8	95.7	96.7	97.0	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.8	99.8	99.9	99.9
GE 100	94.7	94.8	95.7	96.7	97.0	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.8	99.8	100.0	100.0
GE 000	94.7	94.8	95.7	96.7	97.0	97.3	97.8	98.3	98.4	98.8	99.1	99.1	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 20000	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	65.4	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	65.6
GE 10000	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 9000	73.3	73.3	73.4	73.4	73.4	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 8000	75.0	75.0	75.1	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 7000	78.4	78.4	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 6000	81.4	81.4	81.6	81.6	81.6	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	82.6	82.6	82.7	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	83.2	83.3	83.4	83.4	83.4	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	85.4	85.6	85.7	85.7	85.7	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3500	87.0	87.1	87.2	87.2	87.2	87.2	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	88.1	88.3	88.4	88.4	88.4	88.4	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2500	89.7	89.9	90.0	90.1	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	92.1	92.3	92.4	92.7	92.7	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	93.4	93.7	93.8	94.0	94.0	94.0	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	93.7	93.9	94.2	94.6	94.8	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	94.4	94.7	95.2	95.7	96.2	96.2	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	94.7	94.9	95.6	96.0	96.6	96.6	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	94.7	94.9	95.6	96.1	96.8	96.8	97.2	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	94.7	94.9	95.6	96.1	97.1	97.1	97.7	97.7	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 700	94.7	94.9	95.6	96.1	97.1	97.1	97.7	97.9	98.0	98.2	98.2	98.2	98.4	98.4	98.4	98.4
GE 600	94.8	95.0	95.7	96.2	97.2	97.2	97.8	98.0	98.1	98.3	98.3	98.3	98.6	98.6	98.6	98.6
GE 500	94.8	95.0	95.7	96.2	97.3	97.3	98.1	98.3	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1
GE 400	94.9	95.1	95.8	96.3	97.6	97.6	98.3	98.6	98.7	99.2	99.3	99.3	99.6	99.6	99.6	99.6
GE 300	94.9	95.1	95.9	96.4	97.7	97.7	98.4	98.7	99.0	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	94.9	95.1	95.9	96.4	97.7	97.7	98.4	98.7	99.0	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	94.9	95.1	95.9	96.4	97.7	97.7	98.4	98.7	99.0	99.6	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	94.9	95.1	95.9	96.4	97.7	97.7	98.4	98.7	99.0	99.6	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASKEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	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	60.8	60.8
GE 20000	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 18000	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	65.9	65.9
GE 16000	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	65.9	65.9
GE 14000	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 10000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 9000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 7000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	80.8	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5000	82.2	82.2	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	83.1	83.1	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4000	84.2	84.2	84.3	84.3	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 3500	85.7	85.8	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	87.3	87.7	87.8	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 2500	89.0	89.3	89.6	89.6	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	91.2	91.6	91.8	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	92.3	92.7	92.9	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	92.9	93.2	93.4	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	93.2	93.6	93.9	94.1	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	93.6	93.9	94.3	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	94.1	94.4	94.9	95.3	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	94.2	94.6	95.1	95.6	96.0	96.1	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	94.2	94.6	95.1	95.7	96.1	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	94.2	94.6	95.1	95.7	96.1	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	94.6	94.9	95.6	96.1	96.6	96.8	97.6	97.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 400	94.7	95.1	95.9	96.4	97.1	97.3	98.2	98.3	98.3	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 300	94.8	95.2	96.0	96.6	97.2	97.4	98.3	98.6	98.6	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 200	95.0	95.4	96.3	97.0	97.7	98.0	98.9	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	95.0	95.4	96.3	97.0	97.7	98.0	98.9	99.1	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0
GE 000	95.0	95.4	96.3	97.0	97.7	98.0	98.9	99.1	99.1	99.6	99.7	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0
GE 20000	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 18000	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	70.9	70.9	70.9	70.9	70.9	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 9000	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3
GE 8000	77.6	77.6	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9
GE 7000	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	81.9	81.9	82.0	82.0	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 5000	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4
GE 4500	84.1	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	85.5	85.6	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 3500	86.7	86.8	86.9	87.0	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 3000	88.1	88.3	88.4	88.5	88.6	88.6	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	89.6	89.7	89.9	90.1	90.2	90.2	90.3	90.3	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	91.1	91.3	91.5	91.7	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1800	91.7	91.9	92.1	92.3	92.5	92.5	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.0	93.0	93.0
GE 1500	92.3	92.5	92.7	93.0	93.2	93.2	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 1200	92.8	93.1	93.3	93.7	93.9	94.0	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1000	93.2	93.4	93.7	94.1	94.4	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 900	93.3	93.6	93.9	94.3	94.7	94.7	95.0	95.2	95.2	95.3	95.4	95.4	95.5	95.5	95.5	95.5
GE 800	93.6	93.9	94.2	94.7	95.0	95.1	95.5	95.7	95.7	95.9	96.0	96.0	96.1	96.1	96.1	96.1
GE 700	93.8	94.1	94.5	94.9	95.3	95.4	95.8	96.1	96.1	96.3	96.3	96.3	96.4	96.4	96.4	96.4
GE 600	94.0	94.3	94.7	95.2	95.6	95.7	96.1	96.4	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7
GE 500	94.2	94.5	94.9	95.5	95.9	96.1	96.6	96.9	96.9	97.2	97.3	97.3	97.5	97.5	97.5	97.5
GE 400	94.3	94.6	95.1	95.7	96.1	96.3	96.9	97.3	97.3	97.6	97.8	97.8	98.0	98.0	98.0	98.0
GE 300	94.3	94.6	95.1	95.8	96.3	96.5	97.1	97.5	97.6	98.0	98.2	98.2	98.4	98.4	98.4	98.4
GE 200	94.5	94.8	95.4	96.1	96.6	96.9	97.5	98.0	98.1	98.6	98.8	98.8	99.2	99.2	99.3	99.4
GE 100	94.5	94.8	95.4	96.1	96.6	96.9	97.5	98.0	98.1	98.7	98.9	98.9	99.4	99.4	99.6	99.9
GE 000	94.5	94.8	95.4	96.1	96.6	96.9	97.5	98.0	98.1	98.7	98.9	98.9	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 16000	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 14000	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 12000	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	69.2
GE 10000	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9000	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 8000	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 7000	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 6000	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4000	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1800	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1200	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 900	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 800	94.8	94.9	95.1	95.2	95.2	95.2	95	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	95.3	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 600	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 500	96.0	96.1	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 400	96.5	96.6	97.1	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
GE 300	96.8	96.9	97.4	97.7	98.1	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.5	98.5
GE 200	96.8	96.9	97.4	98.2	98.5	98.5	98.7	98.7	98.7	98.9	99.1	99.1	99.2	99.2	99.4	99.4
GE 100	96.8	96.9	97.4	98.2	98.5	98.5	98.7	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	100.0
GE 000	96.8	96.9	97.4	98.2	98.5	98.5	98.7	98.7	98.7	98.9	99.2	99.2	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.0
GE 20000	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0
GE 18000	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4
GE 16000	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.5	68.5	68.5	68.5
GE 14000	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9
GE 12000	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8
GE 10000	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.4
GE 9000	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6
GE 8000	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3
GE 7000	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0	77.0	77.0	77.0
GE 6000	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 5000	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 4500	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7
GE 4000	83.0	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
GE 3500	84.8	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3
GE 3000	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 2500	87.6	87.8	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 2000	89.8	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 1800	90.8	91.0	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
GE 1500	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1200	93.8	94.0	94.2	94.2	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 1000	94.0	94.2	94.4	94.4	94.4	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 900	94.6	94.8	95.2	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 800	95.2	95.4	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 700	95.5	95.7	96.0	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 600	95.8	96.0	96.3	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 500	95.9	96.1	96.6	96.7	96.7	96.8	96.9	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 400	96.0	96.2	96.7	96.9	96.9	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 300	96.3	96.6	97.1	97.3	97.4	97.5	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0	98.0
GE 200	96.6	96.8	97.3	97.6	98.0	98.2	98.4	98.6	98.7	99.0	99.1	99.1	99.4	99.4	99.4	99.4
GE 100	96.6	96.8	97.4	97.8	98.2	98.4	98.6	98.8	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0
GE 000	96.6	96.8	97.4	97.8	98.2	98.4	98.6	98.8	98.9	99.4	99.5	99.5	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 20000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 18000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 16000	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 14000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 12000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 10000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 9000	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 8000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 7000	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4500	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3500	86.2	86.2	86.3	86.5	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3000	87.4	87.4	87.5	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	88.1	88.1	88.2	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	89.7	89.8	89.9	90.0	90.0	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	90.8	90.9	91.0	91.1	91.1	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 1500	91.8	91.9	92.0	92.2	92.2	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 1200	92.5	92.6	92.7	92.8	92.8	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	93.3	93.4	93.5	93.7	93.7	93.8	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 900	93.8	93.9	94.1	94.3	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	94.3	94.4	94.6	95.1	95.1	95.2	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 700	94.7	94.8	95.1	95.5	95.5	95.6	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	94.9	95.2	95.7	96.2	96.2	96.3	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	95.3	95.5	96.0	96.7	96.7	96.8	97.2	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 400	95.6	95.8	96.3	97.0	97.1	97.2	97.6	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	95.6	95.8	96.5	97.2	97.4	97.5	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 200	95.6	95.8	96.5	97.2	97.5	97.7	98.2	98.5	98.6	98.8	99.1	99.1	99.4	99.4	99.4	99.4
GE 100	95.6	95.9	96.6	97.3	97.6	97.8	98.3	98.6	98.7	98.9	99.4	99.4	99.6	99.6	99.6	100.0
GE 000	95.6	95.9	96.6	97.3	97.6	97.8	98.3	98.6	98.7	98.9	99.4	99.4	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 20000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 18000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 12000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	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	74.8	74.8	74.8
GE 9000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 8000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	79.9	79.9	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 4500	80.6	80.6	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 4000	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	84.5	84.6	84.8	84.9	84.9	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 3000	87.0	87.1	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2500	89.4	89.5	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	91.5	91.6	91.9	92.0	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	92.5	92.6	92.9	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1500	92.8	93.0	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	93.9	94.1	94.4	94.5	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 1000	94.4	94.7	95.1	95.3	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 900	95.7	96.0	96.3	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	95.9	96.2	96.6	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	96.3	96.7	97.1	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	96.5	96.8	97.2	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	96.9	97.2	97.7	98.6	98.7	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	97.0	97.3	97.8	98.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	97.0	97.3	97.8	98.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 200	97.0	97.3	97.8	98.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.7
GE 100	97.0	97.3	97.8	98.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.8	100.0
GE 000	97.0	97.3	97.8	98.7	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	45.3	45.3	45.4	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 20000	58.3	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 18000	58.3	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	58.3	58.3	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	59.7	59.7	59.8	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 12000	61.0	61.0	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 10000	63.8	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	64.1	64.1
GE 9000	69.8	69.8	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	74.8	74.8	74.9	74.9	74.9	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 7000	78.8	78.8	78.9	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	81.3	81.3	81.4	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 5000	82.2	82.2	82.3	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4500	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	86.7	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3500	89.4	89.5	89.6	89.6	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 3000	91.1	91.2	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	93.3	93.4	93.5	93.5	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	94.6	94.7	94.8	94.8	94.8	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	94.8	94.9	95.2	95.2	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1500	94.9	95.1	95.3	95.4	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	95.9	96.0	96.2	96.3	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	96.7	96.8	97.0	97.1	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	97.0	97.1	97.3	97.4	97.5	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	97.1	97.2	97.4	97.5	97.6	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	97.3	97.4	97.6	97.7	97.8	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	97.4	97.8	98.1	98.5	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	97.5	98.0	98.2	98.6	98.8	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	97.6	98.1	98.3	98.8	99.0	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	97.6	98.2	98.4	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.6	98.2	98.4	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.6	98.2	98.4	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.6	98.2	98.4	98.9	99.2	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	34.4	34.4	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000	52.7	52.7	52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	53.2	53.2	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	53.4	53.4	53.5	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 14000	54.9	54.9	55.1	55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 12000	56.7	56.7	56.8	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	62.9	62.9	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	71.0	71.0	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 8000	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	78.9	78.9	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	82.6	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 5000	84.6	84.6	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	86.9	86.9	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	89.9	89.9	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	91.3	91.3	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	93.1	93.1	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	94.4	94.4	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	95.9	95.9	96.3	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	96.9	96.9	97.3	97.3	97.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	97.2	97.2	97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	97.7	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	97.7	97.8	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	97.8	98.0	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	98.1	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	98.1	98.2	98.6	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	98.2	98.3	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	98.3	98.4	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	98.3	98.4	98.8	99.0	99.0	99.2	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	98.4	98.5	98.9	99.1	99.2	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.4	98.5	98.9	99.1	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	98.4	98.5	98.9	99.1	99.2	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	98.5	98.9	99.1	99.2	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 20000	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	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	58.8	58.8	58.8
GE 14000	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 12000	63.5	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 10000	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 9000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 7000	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	78.9	78.9
GE 6000	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4000	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3500	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3000	92.1	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	93.2	93.3	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	95.0	95.2	95.3	95.3	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 1800	95.9	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	96.3	96.4	96.7	96.7	96.7	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1200	96.7	96.8	97.0	97.0	97.0	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	96.8	96.9	97.1	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	97.1	97.2	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	97.4	97.7	98.3	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	97.6	98.0	98.5	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	97.7	98.1	98.7	98.7	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	97.8	98.3	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	97.8	98.3	98.9	98.9	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	97.8	98.3	98.9	99.0	99.0	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 200	97.8	98.3	98.9	99.0	99.0	99.1	99.2	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.8
GE 100	97.8	98.3	99.0	99.1	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	97.8	98.3	99.0	99.1	99.1	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 18000	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 16000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 9000	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 8000	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	74.8	74.8	74.8
GE 7000	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 5000	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 4000	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2500	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2000	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1500	94.2	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	94.6	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	95.2	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 900	95.7	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	96.0	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 700	96.2	96.6	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	96.6	96.9	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	96.9	97.3	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	97.2	97.6	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	97.4	97.8	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	97.4	97.8	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.6	99.6	99.7	99.7	99.8	99.8
GE 100	97.4	97.8	98.8	99.2	99.2	99.2	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	97.4	97.8	98.8	99.2	99.2	99.2	99.4	99.5	99.5	99.6	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 20000	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 18000	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	63.9
GE 14000	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 12000	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 10000	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 9000	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 8000	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 7000	78.0	78.1	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 6000	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 4500	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8
GE 3500	87.5	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8
GE 3000	89.2	89.3	89.4	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 2500	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 2000	92.6	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	93.4	93.5	93.7	93.7	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	94.1	94.2	94.4	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7
GE 1200	94.8	95.0	95.2	95.3	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	95.2	95.4	95.6	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 900	95.8	96.0	96.3	96.4	96.4	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	96.1	96.3	96.6	96.8	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	96.4	96.6	96.9	97.1	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	96.6	96.8	97.2	97.5	97.5	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	96.8	97.1	97.6	97.9	98.0	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	97.0	97.3	97.8	98.2	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	97.1	97.4	98.0	98.4	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	97.2	97.4	98.0	98.5	98.7	98.9	99.1	99.2	99.2	99.4	99.5	99.5	99.6	99.6	99.6	99.7
GE 100	97.2	97.5	98.1	98.6	98.8	98.9	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	100.0
GE 000	97.2	97.5	98.1	98.6	98.8	98.9	99.2	99.3	99.3	99.5	99.6	99.6	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 18000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 16000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 14000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 9000	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 8000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 5000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 4000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 3500	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	3.4	93.4	93.4
GE 2500	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2000	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1800	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 700	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	97.9	98.1	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.9	98.9	98.9	98.9
GE 300	97.9	98.1	98.3	98.4	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	97.9	98.1	98.3	98.4	99.0	99.0	99.2	99.2	99.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6
GE 100	97.9	98.1	98.3	98.4	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	97.9	98.1	98.3	98.4	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 16000	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 14000	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 12000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 10000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 8000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 7000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 6000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 5000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4500	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2500	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	93.3	93.3	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	93.7	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	94.9	94.9	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 800	96.1	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	96.3	96.3	96.6	96.7	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 600	96.6	96.6	96.8	96.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	96.7	96.7	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	97.0	97.0	97.4	97.6	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	97.4	97.4	97.9	98.0	98.3	98.3	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 200	97.6	97.6	98.0	98.1	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.9	98.9	98.9	99.2
GE 100	97.6	97.6	98.0	98.1	98.4	98.4	98.8	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.9
GE 000	97.6	97.6	98.0	98.1	98.4	98.4	98.8	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.2	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 20000	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 18000	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 16000	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 14000	78.3	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	79.9	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 10000	81.3	81.4	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	81.5
GE 9000	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 6000	84.8	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 5000	85.4	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	5.8	85.9	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	86.9	87.0	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	87.8	87.9	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	89.2	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	89.9	90.1	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	90.5	90.8	91.0	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	91.3	91.5	91.8	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1500	91.9	92.1	92.3	92.5	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	92.8	93.0	93.2	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	93.7	93.9	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 900	94.3	94.5	95.0	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	94.5	94.8	95.2	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	95.1	95.3	95.8	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 600	95.6	95.8	96.2	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	96.0	96.2	96.7	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 400	96.6	96.8	97.3	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	96.7	96.9	97.4	97.8	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 200	96.7	96.9	97.4	97.8	98.0	98.0	98.4	98.7	98.7	98.9	98.9	98.9	98.9	99.0	99.0	99.0
GE 100	96.7	97.0	97.6	97.9	98.1	98.1	98.6	98.8	98.8	99.1	99.2	99.2	99.3	99.4	99.6	99.8
GE 000	96.7	97.0	97.6	97.9	98.1	98.1	98.6	98.8	98.8	99.1	99.2	99.2	99.3	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS

PERIOD OF RECORD: OCT 79 - SEP 89

LST TO UTC: + 7

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	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 20000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 18000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 16000	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 12000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 5000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4500	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 4000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 3500	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 3000	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 2000	95.4	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	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	98.0	98.0	98.0
GE 1000	97.7	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	97.8	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	97.9	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	98.0	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	98.1	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	98.3	98.8	99.0	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	98.6	99.1	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	98.6	99.1	99.3	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	98.6	99.1	99.3	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	99.1	99.3	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.6	99.1	99.3	99.6	99.6	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 18000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 16000	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	71.7	71.7
GE 14000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 10000	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	78.4	78.4
GE 9000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 8000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	6.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 7000	87.9	87.9	87.9	87.9	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 6000	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3500	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3000	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	97.1	97.1	97.1	97.2	97.3	97.3	97.3	97.3	7.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	98.3	98.3	98.3	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1800	98.4	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	98.6	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	98.9	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.1	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.1	99.4	99.6	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.4	99.6	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 20000	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 18000	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 12000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 9000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 7000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 6000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	92.1	92.1	92.1	92.1	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 4500	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3500	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	98.4	98.4	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.6	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	98.7	98.7	98.9	99.0	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 1200	99.2	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.2	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.2	99.2	99.4	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.2	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 20000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 18000	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 14000	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	5.0	65.0
GE 12000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 8000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 7000	87.8	87.8	87.8	87.8	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 6000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	92.1	92.1	92.1	92.1	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 4500	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 4000	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3500	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	99.6	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 20000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 18000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
GE 16000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
GE 14000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.2	72.2
GE 12000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
GE 10000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8
GE 9000	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8
GE 8000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 7000	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 6000	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 5000	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2
GE 4500	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
GE 4000	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0
GE 3500	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 3000	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 2500	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 2000	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 1800	96.9	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
GE 1500	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1200	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 1000	97.9	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 900	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 800	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	98.8	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	99.0	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 400	99.0	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6
GE 300	99.0	99.1	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	99.1	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	99.1	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	99.1	99.2	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUN HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3
GE 18000	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 16000	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 14000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 12000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 9000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 6000	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 5000	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4500	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3500	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	95.8	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	96.2	96.3	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1500	96.6	96.7	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	97.2	97.3	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	97.4	97.5	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	97.8	97.9	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	97.8	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	98.0	98.1	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	98.1	98.2	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	98.2	98.3	98.6	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	98.4	98.5	98.8	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	98.4	98.6	98.9	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 200	98.5	98.6	98.9	99.1	99.3	99.3	99.4	99.5	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	98.5	98.7	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	100.0
GE 000	98.5	98.7	98.9	99.1	99.3	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 20000	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 18000	74.5	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 16000	74.6	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 14000	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 12000	83.3	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 10000	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 9000	90.4	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 8000	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 7000	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 6000	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 5000	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3500	95.5	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 2000	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1500	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	98.9	99.0	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.2	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	G 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 20000	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 18000	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 16000	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 14000	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 10000	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 9000	92.4	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 8000	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 7000	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 6000	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4500	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 3500	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 3000	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	96.8	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1000	96.8	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	96.9	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	96.9	96.9	97.0	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	97.1	97.1	97.2	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	97.6	97.6	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 500	97.7	97.7	97.8	98.0	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	98.1	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	98.2	98.2	98.3	98.6	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 200	98.3	98.3	98.7	99.0	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 100	98.3	98.3	98.8	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.3	98.3	98.8	99.1	99.5	99.5	99.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
GE 20000	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.3
GE 18000	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5
GE 16000	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 14000	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.9
GE 12000	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 10000	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 9000	90.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 8000	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
GE 7000	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
GE 6000	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4
GE 5000	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 4500	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8
GE 4000	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.5
GE 3500	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
GE 3000	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.7
GE 2500	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9
GE 2000	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2
GE 1800	95.1	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 1500	95.5	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 1200	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5
GE 1000	95.9	95.9	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.5
GE 900	96.3	96.3	96.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0
GE 800	96.9	96.9	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.5
GE 700	97.2	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.8
GE 600	97.4	97.4	97.7	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4
GE 500	97.8	97.8	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
GE 400	98.0	98.0	98.3	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9
GE 300	98.0	98.0	98.3	98.5	98.7	98.7	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1
GE 200	98.0	98.0	98.4	98.6	98.8	98.8	99.0	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.5	99.6
GE 100	98.0	98.0	98.4	98.6	98.8	98.8	99.0	99.1	99.4	99.4	99.5	99.5	99.7	99.7	99.9	100.0
GE 000	98.0	98.0	98.4	98.6	98.8	98.8	99.0	99.1	99.4	99.4	99.5	99.5	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 20000	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 18000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 16000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 14000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 12000	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 10000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 9000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 8000	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 7000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 6000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 5000	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 4500	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 4000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	99.0	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	99.2	99.2	99.6	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	99.2	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.2	99.2	99.6	99.7	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 20000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 18000	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 12000	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 8000	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 7000	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 6000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 5000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4500	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 4000	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 3500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 2000	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1500	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LS TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 20000	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 18000	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 16000	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	58.7
GE 14000	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 12000	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 9000	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 8000	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 7000	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 6000	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000	96.1	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 4500	97.1	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	97.3	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3500	97.6	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	99.1	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	99.5	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 20000	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 18000	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 12000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 9000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 7000	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 6000	94.9	94.9	95.1	95.1	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 5000	95.9	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4500	96.1	96.1	96.2	96.2	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 4000	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 3500	97.2	97.2	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 3000	97.7	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	98.1	98.1	98.3	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	98.3	98.3	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	98.4	98.4	98.6	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	98.5	98.5	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	98.6	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	98.6	98.6	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	99.0	99.0	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	99.0	99.0	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	99.0	99.0	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	99.0	99.0	99.4	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	99.0	99.0	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.0	99.0	99.5	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	99.1	99.1	99.6	99.7	99.8	99.8	99.9	9.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.1	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 20000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 18000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 16000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.6
GE 14000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3
GE 12000	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.0
GE 10000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.1
GE 9000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 8000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.1
GE 7000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 6000	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 5000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9
GE 4500	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.3
GE 4000	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2
GE 3500	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 3000	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 2500	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 2000	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4
GE 1800	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6
GE 1500	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1200	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 1000	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2
GE 900	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 800	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 700	99.1	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6
GE 600	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 500	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	99.2	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	99.4	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 20000	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 18000	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 16000	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 12000	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9
GE 10000	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.8
GE 9000	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 8000	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 7000	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 5000	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4500	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4000	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 3500	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 3000	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	97.0	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 1800	97.7	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0
GE 1500	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.7
GE 900	98.5	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 800	98.6	98.7	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	98.8	98.9	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	98.9	99.0	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 400	99.0	99.0	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	99.0	99.1	99.3	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7
GE 200	99.0	99.1	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	99.0	99.1	99.4	99.6	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 20000	68.8	68.9	68.9	68.9	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	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 16000	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	69.2
GE 14000	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 12000	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 10000	81.5	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 8000	85.9	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 7000	87.7	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	88.0	88.0
GE 6000	88.9	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 4500	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 4000	91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3500	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3000	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 2500	93.4	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 2000	93.9	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	94.1	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	95.9	96.2	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	96.0	96.3	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 800	96.2	96.6	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	96.5	96.8	97.3	97.3	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	96.6	96.9	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	96.8	97.1	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	96.8	97.1	97.6	97.6	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 300	97.0	97.3	98.0	98.1	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	97.1	97.5	98.2	98.4	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	97.1	97.5	98.2	98.4	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.4	99.8	99.8
GE 000	97.1	97.5	98.2	98.4	98.8	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6	71.7
GE 20000	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.8	74.9
GE 18000	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	75.1
GE 16000	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.2
GE 14000	77.7	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	78.0	78.1
GE 12000	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.9
GE 10000	85.6	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	86.0
GE 9000	87.5	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.8	88.0
GE 8000	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.3
GE 7000	88.7	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.1
GE 6000	88.8	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.2
GE 5000	89.5	89.5	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9	90.0
GE 4500	89.7	89.8	90.0	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.5
GE 4000	89.8	89.9	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6
GE 3500	90.1	90.2	90.4	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9	91.0
GE 3000	91.1	91.2	91.4	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.9
GE 2500	91.8	91.9	92.2	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6	92.7
GE 2000	92.5	92.6	92.8	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.3
GE 1800	93.0	93.1	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9
GE 1500	93.3	93.4	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.1	94.2
GE 1200	94.1	94.3	94.5	94.6	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	95.1	95.2
GE 1000	94.2	94.4	94.6	94.7	94.9	94.9	94.9	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.2	95.3
GE 900	94.3	94.5	94.8	95.1	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.7	95.8
GE 800	94.7	94.9	95.5	95.7	96.3	96.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.6	96.7
GE 700	94.8	95.1	95.6	95.8	96.5	96.5	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.8
GE 600	95.1	95.3	96.0	96.2	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.2
GE 500	95.3	95.5	96.3	96.7	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.7
GE 400	95.3	95.5	96.3	96.7	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.6	97.8
GE 300	95.4	95.6	96.6	96.9	97.6	97.6	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.3
GE 200	95.6	95.8	97.1	97.5	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.5
GE 100	95.6	95.8	97.1	97.5	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.4	99.9
GE 000	95.6	95.8	97.1	97.5	98.4	98.4	98.7	98.7	98.7	99.0	99.0	99.0	99.1	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 16000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 14000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 12000	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 9000	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 8000	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 7000	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 6000	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 5000	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 4000	89.7	89.7	89.8	89.8	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 3500	90.0	90.0	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	90.5	90.5	90.6	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	90.8	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	91.7	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	91.7	91.7	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	92.4	92.4	92.5	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	92.6	92.7	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1000	93.1	93.2	93.3	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 900	93.2	93.3	93.5	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 800	93.5	93.7	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 700	93.7	93.8	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 600	94.2	94.3	94.8	95.1	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 500	94.8	95.1	95.6	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1
GE 400	95.2	95.4	96.0	96.2	96.2	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.8
GE 300	95.2	95.4	96.2	96.5	96.5	96.6	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.7
GE 200	95.6	95.8	96.7	96.9	97.0	97.1	98.3	98.5	98.7	98.9	99.0	99.0	99.5	99.5	99.5	99.7
GE 100	95.6	95.8	96.7	96.9	97.0	97.1	98.3	98.5	98.7	98.9	99.0	99.0	99.6	99.6	99.7	99.9
GE 000	95.6	95.8	96.7	96.9	97.0	97.1	98.3	98.5	98.7	98.9	99.0	99.0	99.6	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 20000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 18000	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 16000	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 14000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 12000	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 10000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 9000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 8000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 7000	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 6000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 5000	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2000	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1800	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	98.4	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	98.4	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	98.5	98.6	98.7	98.7	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	98.5	98.7	98.8	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	98.5	98.7	98.9	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	98.7	98.9	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	98.7	98.9	99.0	99.5	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 18000	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 12000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 10000	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 8000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 7000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 5000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 4500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 3500	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	98.8	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	98.8	98.9	98.9	98.9	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.8	98.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	98.8	98.9	98.9	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	99.0	99.1	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.0	99.1	99.1	99.1	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	99.0	99.1	99.1	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.1	99.1	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.1	99.1	99.2	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6
GE 20000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 16000	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 14000	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 12000	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 9000	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.3	81.8
GE 8000	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 7000	89.3	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5000	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 3500	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	98.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 2000	98.6	98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1800	98.9	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	98.9	98.9	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	99.1	99.1	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.1	99.1	99.2	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.1	99.2	99.2	99.6	99.6	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 18000	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 14000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 10000	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	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	81.5	81.5	81.5
GE 8000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	95.4	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	97.8	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	98.3	98.3	98.3	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	98.4	98.4	98.4	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	98.6	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	98.6	98.6	98.6	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	98.7	98.7	98.7	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	98.8	99.0	99.0	99.2	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	98.8	99.0	99.0	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	98.8	99.0	99.0	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	98.8	99.0	99.0	99.2	99.5	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	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	50.9	50.9	50.9
GE 20000	57.4	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 18000	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 12000	69.9	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 9000	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 8000	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 7000	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 6000	91.2	91.2	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	91.8	91.8	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 4000	93.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	94.7	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	95.9	95.9	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	96.9	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	97.1	97.2	97.6	97.7	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	97.2	97.3	97.8	98.1	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	97.3	97.4	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	97.5	97.6	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	97.5	97.6	98.2	98.5	98.6	98.6	98.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	97.7	97.8	98.4	98.7	98.8	98.8	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	98.1	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	98.1	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	98.1	98.2	98.7	99.0	99.1	99.1	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	98.2	98.3	98.8	99.2	99.4	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 100	98.2	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	98.2	98.3	98.9	99.4	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

TION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.7	67.7
GE 18000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 12000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 10000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.2	81.2
GE 9000	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 8000	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 7000	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 6000	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4500	92.1	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
GE 4000	92.8	92.9	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 3500	93.4	93.4	93.5	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 3000	94.0	94.0	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	94.7	94.7	94.9	94.9	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 2000	95.3	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	95.6	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	96.0	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	96.5	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 1000	96.7	96.8	97.0	97.1	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	96.8	96.9	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	97.0	97.1	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	97.1	97.2	97.5	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	97.3	97.4	97.8	97.9	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	97.5	97.6	98.0	98.1	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 400	97.6	97.7	98.1	98.2	98.5	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8
GE 300	97.6	97.8	98.2	98.4	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 200	97.7	97.9	98.4	98.6	99.0	99.0	99.3	99.4	99.4	99.5	99.5	99.5	99.6	99.6	99.6	99.7
GE 100	97.7	97.9	98.4	98.6	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8	99.9
GE 000	97.7	97.9	98.4	98.6	99.0	99.0	99.3	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 20000	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	74.8	74.8	74.8
GE 18000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 16000	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 14000	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
G 10000	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	1.1	81.1	81.1	81.1	81.1	81.1
GE 9000	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 7000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 6000	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 5000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4000	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 3000	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1800	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1000	92.8	92.8	92.9	92.9	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 900	93.1	93.1	93.3	93.3	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 800	93.2	93.2	93.4	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 700	93.2	93.3	93.6	93.6	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	93.4	93.8	94.0	94.0	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	93.7	94.0	94.2	94.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	93.9	94.2	94.7	94.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	94.1	94.4	94.9	95.0	96.4	96.4	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	97.0	97.0
GE 200	94.1	94.6	95.0	95.2	96.7	96.8	97.1	97.1	97.1	97.7	97.7	97.7	97.7	98.0	98.3	98.3
GE 100	94.1	94.6	95.0	95.3	96.8	96.9	97.2	97.3	97.3	97.9	97.9	97.9	97.9	98.3	98.4	99.4
GE 000	94.1	94.6	95.0	95.3	96.8	96.9	97.2	97.3	97.3	97.9	97.9	97.9	98.3	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 20000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 18000	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 16000	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 14000	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 7000	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	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	83.6	83.6	83.6
GE 5000	83.7	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	84.0	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	84.4	84.7	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	85.3	85.6	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2500	86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2000	87.3	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	88.3	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	89.2	89.6	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	89.6	89.9	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	89.8	90.1	90.2	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	90.2	90.6	90.8	91.0	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 800	90.4	90.9	91.1	91.3	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 700	90.7	91.1	91.3	91.6	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	91.2	91.8	92.0	92.3	92.8	92.8	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 500	91.4	92.2	92.4	93.0	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 400	91.6	92.3	92.6	93.1	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 300	91.7	92.4	92.8	93.4	94.7	94.7	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 200	92.0	92.8	93.3	94.1	95.6	95.6	96.7	96.7	96.7	96.9	96.9	96.9	97.2	97.2	97.2	97.3
GE 100	92.0	92.8	93.3	94.1	95.7	95.7	96.9	97.3	97.3	97.7	97.9	97.9	98.3	98.3	98.4	99.3
GE 000	92.0	92.8	93.3	94.1	95.7	95.7	96.9	97.3	97.3	97.7	97.9	97.9	98.3	98.3	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS: 06-09

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	67.3	67.3	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	67.4
GE 20000	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 18000	76.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1000	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 14000	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 12000	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 10000	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9000	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 8000	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 7000	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
GE 6000	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 5000	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 4500	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0
GE 4000	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4
GE 3500	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7
GE 3000	86.0	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
GE 2500	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2
GE 2000	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1
GE 1800	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.5	88.5
GE 1500	88.3	88.4	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8
GE 1200	89.0	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4
GE 1000	89.3	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.8	89.8
GE 900	89.9	90.0	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
GE 800	90.4	90.5	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2
GE 700	91.0	91.1	91.2	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8	91.8
GE 600	91.2	91.3	91.5	91.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4
GE 500	91.8	92.0	92.3	92.7	92.9	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3
GE 400	92.5	92.8	93.2	93.7	93.9	93.9	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5
GE 300	92.9	93.1	93.7	94.1	94.7	94.7	95.4	95.9	95.9	96.2	96.2	96.2	96.3	96.3	96.4	96.4
GE 200	92.9	93.2	93.8	94.2	94.9	94.9	95.9	96.7	96.7	97.2	97.3	97.3	97.9	97.9	98.0	98.2
GE 100	92.9	93.2	93.9	94.3	95.0	95.0	96.1	96.9	96.9	97.6	97.8	97.8	98.6	98.6	98.7	99.7
GE 000	92.9	93.2	93.9	94.3	95.0	95.0	96.1	96.9	96.9	97.6	97.8	97.8	98.6	98.6	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 20000	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 18000	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 14000	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 10000	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 9000	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	83.2	83.2
GE 8000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 7000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 5000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4500	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1200	92.1	92.1	92.1	92.1	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 1000	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 900	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 700	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	94.4	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	94.8	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	95.2	95.4	95.8	95.9	96.1	96.1	96.1	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	95.3	95.6	95.9	96.1	96.6	96.8	96.9	97.3	97.3	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 200	95.3	95.6	95.9	96.1	96.7	96.9	97.1	97.7	97.9	99.0	99.2	99.2	99.4	99.4	99.4	99.8
GE 100	95.3	95.6	95.9	96.1	96.7	96.9	97.1	97.7	97.9	99.1	99.3	99.3	99.6	99.6	99.6	100.0
GE 000	95.3	95.6	95.9	96.1	96.7	96.9	97.1	97.7	97.9	99.1	99.3	99.3	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 18000	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 12000	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 10000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 9000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 7000	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1800	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	94.7	94.7	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	94.9	94.9	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1000	95.3	95.3	95.4	95.4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	95.6	95.6	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	96.0	96.0	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	96.2	96.2	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	96.6	96.6	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 500	97.0	97.0	97.4	97.6	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 400	97.0	97.0	97.4	97.6	97.8	97.8	98.0	98.1	98.1	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	97.0	97.0	97.4	97.6	97.8	97.8	98.6	99.1	99.1	99.3	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	97.0	97.0	97.4	97.6	97.8	97.8	98.7	99.2	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	97.0	97.0	97.4	97.6	97.8	97.8	98.7	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.0	97.0	97.4	97.6	97.8	97.8	98.7	99.2	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS

PERIOD OF RECORD: OCT 79 - SEP 89

LST TO UTC: + 7

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	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 18000	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 16000	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 10000	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 8000	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 7000	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 6000	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 4000	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2500	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	94.1	94.2	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	94.9	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1500	95.4	95.6	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	95.7	95.8	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	96.0	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	96.0	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	96.0	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	96.1	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	96.1	96.2	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 500	96.4	96.6	97.1	97.3	97.4	97.6	97.6	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	96.8	96.9	97.6	97.8	97.9	98.0	98.0	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 300	96.8	96.9	97.6	98.0	98.2	98.3	98.3	98.4	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	96.8	96.9	97.6	98.0	98.2	98.4	98.4	98.6	98.8	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 100	96.8	96.9	97.6	98.0	98.2	98.4	98.4	98.6	98.8	99.2	99.6	99.6	99.8	99.8	100.0	100.0
GE 000	96.8	96.9	97.6	98.0	98.2	98.4	98.4	98.6	98.8	99.2	99.6	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 18000	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 16000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 14000	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 9000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 8000	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 6000	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 5000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 4000	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2000	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	94.3	94.3	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	95.0	95.3	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1200	95.3	95.7	96.0	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	95.4	95.8	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	95.5	95.9	96.3	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	95.8	96.1	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.3
GE 700	95.8	96.1	96.8	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4
GE 600	95.9	96.2	96.9	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.5
GE 500	95.9	96.2	96.9	97.2	97.4	97.4	97.4	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.8
GE 400	96.0	96.3	97.0	97.3	97.5	97.5	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 300	96.2	96.5	97.2	97.5	97.9	98.1	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.6
GE 200	96.2	96.5	97.2	97.5	97.9	98.1	98.2	98.3	98.3	98.8	98.9	98.9	98.9	98.9	99.0	99.1
GE 100	96.2	96.5	97.2	97.5	97.9	98.1	98.2	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.6	99.8
GE 000	96.2	96.5	97.2	97.5	97.9	98.1	98.2	98.6	98.6	99.0	99.1	99.1	99.2	99.2	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 20000	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 18000	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 16000	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 12000	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 5000	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	86.4	86.4	86.4
GE 4500	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 4000	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3000	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 2500	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	92.5	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	94.3	94.4	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	94.8	94.9	95.1	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 900	95.3	95.4	95.7	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	95.5	95.7	95.9	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	95.5	95.7	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 600	95.5	95.7	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 500	95.5	95.7	95.9	96.0	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 400	95.7	95.8	96.0	96.1	96.4	96.5	96.5	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	96.0	96.1	96.3	96.4	96.9	97.0	97.1	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 200	96.1	96.2	96.4	96.5	97.3	97.5	97.8	98.0	98.0	98.3	98.6	98.6	98.6	98.6	98.7	98.7
GE 100	96.1	96.2	96.4	96.5	97.3	97.5	97.8	8.0	98.0	98.6	98.8	98.8	99.1	99.1	99.3	99.7
GE 000	96.1	96.2	96.4	96.5	97.3	97.5	97.8	98.0	98.0	98.6	98.8	98.8	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 14000	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 12000	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 8000	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 7000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4
GE 6000	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 5000	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 4500	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 4000	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 3500	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 2000	90.8	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
GE 1500	92.3	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	92.9	93.0	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	93.2	93.4	93.6	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	93.6	93.7	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	93.9	94.0	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7
GE 700	94.1	94.3	94.5	94.6	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	94.3	94.5	94.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4
GE 500	94.6	94.8	95.2	95.4	95.8	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	94.8	95.1	95.5	95.8	96.2	96.2	96.3	96.4	96.4	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 300	95.0	95.3	95.7	96.0	96.6	96.7	97.1	97.3	97.3	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 200	95.0	95.3	95.8	96.2	96.9	97.0	97.5	97.8	97.8	98.3	98.5	98.5	98.7	98.7	98.7	98.8
GE 100	95.0	95.3	95.8	96.2	96.9	97.0	97.6	97.9	98.0	98.6	98.8	98.8	99.1	99.1	99.3	99.7
GE 000	95.0	95.3	95.8	96.2	96.9	97.0	97.6	97.9	98.0	98.6	98.8	98.8	99.1	99.1	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7191

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.2	70.2	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 20000	74.9	74.9	74.9	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 16000	75.2	75.2	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 14000	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 12000	77.8	77.8	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 10000	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 9000	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	81.3	81.3	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 7000	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	83.8	83.8	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 5000	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 4000	85.6	85.6	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	86.3	86.3	86.3	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3000	87.1	87.1	87.1	87.1	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 2500	88.2	88.2	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	89.7	89.7	89.8	89.8	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 1800	90.6	90.6	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1500	91.5	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	91.6	91.6	91.7	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	91.8	91.8	91.9	92.2	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 900	91.9	91.9	92.0	92.5	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	92.6	92.6	92.7	93.1	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 700	92.7	92.7	92.8	93.2	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	93.2	93.2	93.3	93.8	94.2	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 500	93.3	93.3	93.4	93.9	94.3	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	93.7	93.7	93.9	94.3	94.7	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 300	93.8	93.9	94.1	94.7	95.3	95.4	95.6	95.6	95.6	95.8	95.8	95.8	95.9	95.9	95.9	95.9
GE 200	94.1	94.2	94.4	95.1	95.6	95.7	95.9	95.9	95.9	96.1	96.5	96.5	97.0	97.0	97.1	97.6
GE 100	94.1	94.2	94.4	95.1	95.6	5.7	95.9	95.9	95.9	96.2	97.1	97.1	97.8	97.8	98.3	99.1
GE 000	94.1	94.2	94.4	95.1	95.6	95.7	95.9	95.9	95.9	96.2	97.1	97.1	97.8	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
ST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.7	68.7	68.7	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 20000	74.5	74.5	74.5	74.5	74.7	74.7	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	74.6	74.6	74.6	74.6	74.8	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 16000	74.9	74.9	74.9	74.9	75.2	75.2	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 14000	76.8	76.8	76.8	76.8	77.0	77.0	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 12000	78.0	78.0	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	79.8	79.8	79.8	79.8	80.0	80.0	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	81.2	81.2	81.2	81.2	81.4	81.4	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	81.7	81.7	81.7	81.7	81.9	81.9	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 7000	82.8	82.8	82.8	82.8	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 6000	84.0	84.0	84.0	84.0	84.2	84.2	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	84.2	84.2	84.2	84.2	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	84.5	84.5	84.5	84.5	84.7	84.7	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4000	85.3	85.3	85.3	85.3	85.5	85.5	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	85.5	85.5	85.5	85.5	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 3000	86.7	86.7	86.7	86.7	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	87.1	87.1	87.1	87.1	87.3	87.3	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	87.5	87.5	87.5	87.5	87.7	87.7	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	88.6	88.6	88.6	88.6	88.8	88.8	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	88.9	88.9	88.9	88.9	89.1	89.1	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 1200	89.1	89.1	89.2	89.4	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	89.5	89.5	89.6	89.7	89.9	89.9	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 900	89.7	89.7	89.8	90.0	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 800	90.1	90.1	90.2	90.4	90.6	90.6	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2
GE 700	90.4	90.4	90.5	90.8	91.0	91.0	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.5	91.5
GE 600	91.4	91.4	91.5	91.7	91.9	91.9	92.4	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 500	91.8	91.8	91.9	92.5	92.9	92.9	93.3	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.7	93.7
GE 400	92.5	92.5	92.6	93.1	93.5	93.5	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.4
GE 300	92.7	92.7	92.8	93.5	94.1	94.1	94.5	94.6	94.6	94.9	94.9	94.9	95.2	95.2	95.3	95.3
GE 200	92.9	92.9	93.1	93.9	94.4	94.4	94.9	95.1	95.2	95.8	96.0	96.0	97.1	97.1	97.4	98.1
GE 100	92.9	92.9	93.3	94.1	94.6	94.6	95.3	95.5	95.6	96.2	96.7	96.7	97.7	97.7	98.2	99.1
GE 000	92.9	92.9	93.3	94.1	94.6	94.6	95.3	95.5	95.6	96.2	96.7	96.7	97.7	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 20000	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 18000	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8
GE 16000	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0
GE 14000	78.0	78.0	78.0	78.0	78.0	78.0	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.3
GE 12000	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 10000	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.1
GE 9000	82.0	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4
GE 8000	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 7000	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.7
GE 6000	83.7	83.7	83.7	83.7	83.7	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 5000	83.8	83.8	83.8	83.8	83.8	83.9	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.2
GE 4500	84.8	84.8	84.8	84.8	84.8	84.9	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3
GE 4000	85.2	85.2	85.2	85.2	85.2	85.3	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 3500	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.7
GE 3000	86.1	86.1	86.1	86.1	86.1	86.2	86.3	86.3	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6
GE 2500	86.9	86.9	86.9	86.9	86.9	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 2000	87.8	87.8	87.8	87.8	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 1800	88.5	88.5	88.5	88.5	88.5	88.6	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1500	89.1	89.1	89.1	89.1	89.1	89.2	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 1200	89.8	89.8	89.9	89.9	89.9	90.0	90.2	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4
GE 1000	90.1	90.1	90.2	90.2	90.2	90.3	90.5	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.0
GE 900	90.8	90.8	90.9	90.9	90.9	91.0	91.2	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.6
GE 800	91.2	91.2	91.3	91.3	91.3	91.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 700	91.2	91.2	91.3	91.3	91.3	91.4	91.6	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	92.0
GE 600	91.7	91.7	91.9	92.0	92.0	92.2	92.4	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.8
GE 500	92.0	92.0	92.4	92.5	92.5	92.6	92.8	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.2	93.3
GE 400	92.2	92.3	92.6	92.8	92.8	93.0	93.2	93.4	93.4	93.7	93.7	93.7	93.7	93.7	93.8	93.9
GE 300	92.4	92.5	92.8	93.0	93.2	93.4	94.0	94.3	94.3	94.5	94.7	94.7	95.1	95.1	95.2	95.3
GE 200	92.6	92.7	93.1	93.3	93.7	94.0	94.9	95.3	95.3	96.0	96.6	96.6	97.1	97.1	97.4	98.0
GE 100	92.6	92.7	93.1	93.3	93.8	94.1	95.1	95.4	95.4	96.2	97.3	97.3	98.0	98.0	98.6	99.5
GE 000	92.6	92.7	93.1	93.3	93.8	94.1	95.1	95.4	95.4	96.2	97.3	97.3	98.2	98.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.3
GE 20000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.3
GE 18000	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 16000	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.7
GE 14000	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.3
GE 12000	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
GE 10000	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 9000	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 8000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 6000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
GE 5000	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.7
GE 4500	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 4000	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.6
GE 3500	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 3000	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.4
GE 2500	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.2
GE 2000	89.9	89.9	89.9	89.9	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.2
GE 1800	90.4	90.4	90.4	90.4	90.5	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.9
GE 1500	90.7	90.7	90.7	90.7	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.2
GE 1200	92.0	92.0	92.0	92.0	92.1	92.1	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.6
GE 1000	92.4	92.4	92.4	92.4	92.5	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.9
GE 900	92.7	92.7	92.7	92.7	92.8	92.8	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.3
GE 800	93.8	93.8	93.8	93.8	93.9	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 700	94.2	94.2	94.2	94.2	94.3	94.3	94.6	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.0
GE 600	94.4	94.4	94.5	94.5	94.6	94.7	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5
GE 500	94.6	94.6	94.7	94.7	94.8	94.9	95.3	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 400	94.9	94.9	95.0	95.0	95.2	95.3	95.6	95.8	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.1
GE 300	95.2	95.2	95.4	95.4	95.6	95.7	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.8	96.9	97.0
GE 200	95.3	95.3	95.5	95.5	95.8	95.9	96.8	97.2	97.3	97.5	97.8	97.8	97.8	98.4	98.5	98.7
GE 100	95.3	95.3	95.5	95.5	95.8	95.9	96.8	97.3	97.4	97.6	98.0	98.0	98.7	98.8	99.0	99.8
GE 000	95.3	95.3	95.5	95.5	95.8	95.9	96.8	97.3	97.4	97.6	98.0	98.0	98.7	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 20000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 18000	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 16000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 14000	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 9000	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 6000	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 4000	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	90.1	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 2500	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1800	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1500	94.2	94.2	94.2	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	94.9	94.9	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1000	95.1	95.1	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5	95.5
GE 900	95.8	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 800	96.1	96.1	96.1	96.5	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 700	96.3	96.3	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 600	96.5	96.5	96.6	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 500	96.7	96.7	96.8	97.1	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 400	96.7	96.7	96.8	97.1	97.1	97.1	97.3	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.8
GE 300	96.8	96.8	97.0	97.3	97.4	97.4	97.8	98.0	98.0	98.2	98.5	98.6	98.7	98.7	98.7	98.7
GE 200	96.8	96.8	97.0	97.3	97.4	97.4	98.0	98.1	98.1	98.5	98.8	98.9	99.0	99.1	99.2	99.2
GE 100	96.8	96.8	97.0	97.3	97.4	97.4	98.0	98.2	98.2	98.6	98.9	99.0	99.1	99.4	99.6	99.6
GE 000	96.8	96.8	97.0	97.3	97.4	97.4	98.0	98.2	98.2	98.6	98.9	99.0	99.1	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 20000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 18000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 12000	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 10000	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 8000	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 7000	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 6000	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4000	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	91.0	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3000	91.4	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2500	92.8	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2000	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	95.2	95.3	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	96.1	96.2	96.6	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	96.2	96.3	96.7	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	96.2	96.3	96.7	96.8	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	96.6	96.7	97.0	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 700	96.6	96.7	97.0	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	96.6	96.7	97.0	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	96.8	96.9	97.2	97.4	97.6	97.7	97.8	97.8	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	96.8	96.9	97.2	97.5	97.7	97.8	98.0	98.0	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	97.0	97.1	97.4	97.7	98.0	98.2	98.3	98.3	98.4	98.5	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	97.1	97.2	97.5	97.8	98.1	98.3	98.4	98.5	98.6	98.7	99.0	99.0	99.0	99.1	99.2	99.2
GE 100	97.1	97.2	97.5	97.8	98.1	98.3	98.4	98.5	98.6	98.7	99.0	99.1	99.1	99.2	99.5	100.0
GE 000	97.1	97.2	97.5	97.8	98.1	98.3	98.4	98.5	98.6	98.7	99.0	99.1	99.1	99.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 20000	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 18000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 16000	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 14000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 12000	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 10000	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 9000	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 8000	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 7000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 6000	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 4500	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 4000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 3000	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2000	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	94.6	94.6	94.7	94.7	94.7	94.8	4.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1200	95.7	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	96.0	96.0	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	96.1	96.2	96.6	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	96.1	96.2	96.6	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	96.1	96.2	96.6	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	96.2	96.5	96.9	97.2	97.2	97.4	97.6	97.6	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	96.3	96.6	97.0	97.3	97.3	97.5	97.7	97.7	97.7	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	96.3	96.6	97.0	97.4	97.5	97.7	98.0	98.0	98.0	98.4	98.8	98.8	98.9	98.9	98.9	98.9
GE 200	96.3	96.6	97.0	97.4	97.5	97.7	98.1	98.1	98.1	98.5	98.9	98.9	99.2	99.2	99.4	99.5
GE 100	96.3	96.6	97.0	97.4	97.5	97.7	98.1	98.1	98.1	98.5	99.0	99.0	99.4	99.4	99.6	99.9
GE 000	96.3	96.6	97.0	97.4	97.5	97.7	98.1	98.1	98.1	98.5	99.0	99.0	99.4	99.4	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	67.8	67.8	67.8	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1
GE 20000	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	74.4	74.4	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 12000	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
GE 9000	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	81.5	81.5	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 6000	83.8	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4
GE 2500	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6
GE 2000	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 1500	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	93.3	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	93.8	93.8	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 800	94.0	94.0	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	94.0	94.0	94.1	94.2	94.5	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	94.0	94.0	94.2	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 500	94.3	94.3	94.5	94.6	95.2	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	94.3	94.3	94.6	94.7	95.3	95.6	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	94.7	94.7	95.1	95.2	95.7	96.0	96.2	96.2	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.7
GE 200	94.8	94.8	95.2	95.3	96.0	96.3	96.6	96.8	97.0	97.1	97.2	97.2	97.6	97.6	97.6	98.3
GE 100	94.8	94.8	95.2	95.3	96.0	96.3	96.6	96.8	97.0	97.2	97.5	97.5	98.3	98.3	98.3	99.4
GE 000	94.8	94.8	95.2	95.3	96.0	96.3	96.6	96.8	97.0	97.2	97.5	97.5	98.3	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	66.8	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 20000	75.2	75.2	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4
GE 18000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 16000	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 14000	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 12000	78.6	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 10000	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 9000	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5
GE 8000	83.3	83.3	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 7000	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 6000	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 5000	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0
GE 4500	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 4000	87.3	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3500	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	90.0
GE 2000	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1500	92.1	92.1	92.2	92.2	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	92.8	92.8	92.9	93.0	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	93.0	93.1	93.2	93.3	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7
GE 900	93.4	93.4	93.5	93.6	93.7	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 800	93.8	93.8	94.0	94.1	94.3	94.3	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7
GE 700	93.9	94.0	94.1	94.3	94.4	94.5	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
GE 600	94.2	94.3	94.4	94.6	94.8	94.9	95.1	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 500	94.5	94.5	94.7	95.0	95.2	95.3	95.5	95.6	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	94.7	94.7	95.0	95.2	95.5	95.6	95.8	95.9	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 300	94.9	94.9	95.2	95.5	95.8	96.0	96.3	96.4	96.5	96.7	96.8	96.9	97.0	97.0	97.0	97.1
GE 200	95.0	95.1	95.3	95.7	96.1	96.2	96.7	96.9	96.9	97.3	97.6	97.6	98.1	98.1	98.3	98.6
GE 100	95.0	95.1	95.4	95.7	96.1	96.3	96.7	96.9	97.0	97.4	97.9	98.0	98.5	98.6	98.9	99.5
GE 000	95.0	95.1	95.4	95.7	96.1	96.3	96.7	96.9	97.0	97.4	97.9	98.0	98.5	98.6	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.3	68.3	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9
GE 20000	74.3	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.9	74.9	74.9	74.9	74.9	74.9
GE 18000	74.9	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4
GE 16000	75.2	75.2	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	76.9	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4
GE 12000	78.2	78.2	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 10000	79.2	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8
GE 9000	81.2	81.2	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	81.8	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 7000	83.0	83.0	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	83.8	83.8	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 5000	84.2	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	84.8	84.8	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	85.2	85.2	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9
GE 3500	85.8	85.8	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4
GE 3000	86.6	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	88.0	88.0	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8
GE 2000	88.4	88.4	89.2	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.6	89.6	89.6	89.6	89.6	89.6
GE 1800	89.4	89.4	90.2	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	89.9	89.9	90.8	90.9	90.9	90.9	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	90.2	90.2	91.1	91.4	91.4	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7
GE 1000	90.6	90.6	91.4	91.8	91.8	91.8	91.8	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	90.9	90.9	91.8	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 800	90.9	90.9	91.8	92.3	92.3	92.3	92.3	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	90.9	90.9	91.8	92.6	92.6	92.6	92.6	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
GE 600	91.3	91.4	92.3	93.1	93.1	93.1	93.1	93.9	93.9	93.9	94.1	94.1	94.1	94.1	94.1	94.1
GE 500	91.3	91.4	92.3	93.1	93.2	93.2	93.3	94.1	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4
GE 400	91.4	91.6	92.6	93.3	93.4	93.4	93.8	94.6	94.6	94.6	94.8	94.8	94.9	94.9	94.9	94.9
GE 300	91.9	92.0	93.0	93.8	93.9	93.9	94.4	95.3	95.3	95.4	95.9	95.9	96.0	96.0	96.1	96.4
GE 200	91.9	92.0	93.1	93.9	94.1	94.1	94.7	95.7	95.7	95.8	96.3	96.3	97.6	97.6	97.9	98.2
GE 100	91.9	92.0	93.1	93.9	94.1	94.1	94.7	95.8	95.8	96.0	96.6	96.6	97.9	97.9	98.7	99.8
GE 000	91.9	92.0	93.1	93.9	94.1	94.1	94.7	95.8	95.8	96.0	96.6	96.6	97.9	97.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.7	69.7	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0
GE 20000	75.4	75.4	75.4	75.4	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 18000	75.6	75.6	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 16000	75.7	75.7	75.7	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 14000	77.4	77.4	77.4	77.4	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.8	77.8	77.8	77.8
GE 12000	79.8	79.8	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.1	80.1	80.1	80.1
GE 10000	80.3	80.3	80.3	80.4	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8
GE 9000	81.1	81.1	81.1	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.6	81.6	81.6	81.6
GE 8000	81.8	81.8	81.8	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2
GE 7000	82.3	82.3	82.3	82.4	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.8
GE 6000	82.9	82.9	82.9	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3
GE 5000	83.9	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 4500	84.	84.6	84.6	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0
GE 4000	85.7	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 3500	85.9	85.9	85.9	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 3000	86.8	86.8	86.8	86.9	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2
GE 2500	87.7	87.7	87.7	87.8	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1
GE 2000	88.7	88.7	88.7	88.8	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 1800	89.0	89.0	89.0	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4
GE 1500	89.9	89.9	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 1200	90.3	90.3	90.3	90.4	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.9	90.9	90.9	90.9
GE 1000	90.8	90.8	90.8	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4
GE 900	91.0	91.0	91.0	91.1	91.4	91.4	91.6	91.6	91.6	91.7	91.7	91.7	91.9	91.9	91.9	91.9
GE 800	91.3	91.3	91.3	91.4	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.3	92.3	92.3	92.3
GE 700	91.3	91.3	91.3	91.4	91.9	91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.3	92.3	92.3	92.3
GE 600	91.8	91.8	91.8	91.9	92.3	92.3	92.6	92.9	92.9	93.0	93.0	93.0	93.2	93.2	93.2	93.2
GE 500	91.9	91.9	91.9	92.1	92.7	92.8	93.0	93.3	93.3	93.4	93.4	93.4	93.7	93.7	93.7	93.7
GE 400	92.1	92.1	92.1	92.3	93.0	93.1	93.6	93.9	93.9	94.0	94.0	94.0	94.2	94.2	94.2	94.2
GE 300	92.3	92.4	92.6	92.8	93.6	93.7	94.2	94.7	94.7	94.9	95.1	95.1	95.7	95.7	95.8	95.9
GE 200	92.3	92.4	92.8	93.0	93.8	93.9	94.9	95.4	95.4	95.8	96.1	96.1	97.2	97.2	97.4	97.6
GE 100	92.3	92.4	92.8	93.1	93.9	94.0	95.0	95.6	95.6	95.9	96.4	96.4	98.0	98.1	98.6	99.3
GE 000	92.3	92.4	92.8	93.1	93.9	94.0	95.0	95.6	95.6	95.9	96.4	96.4	98.0	98.1	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0
GE 20000	73.3	73.3	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 18000	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.1
GE 16000	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.4
GE 14000	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.7
GE 12000	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0
GE 10000	80.4	80.4	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.1
GE 9000	81.4	81.4	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1
GE 8000	81.7	81.7	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.3
GE 7000	82.9	82.9	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.6
GE 6000	84.1	84.1	84.4	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.8
GE 5000	84.4	84.4	84.8	84.8	84.8	84.8	84.9	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.1
GE 4500	84.7	84.7	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.3
GE 4000	84.9	84.9	85.2	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.6
GE 3500	85.2	85.2	85.6	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.9
GE 3000	86.1	86.1	86.4	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.9
GE 2500	87.1	87.1	87.4	87.4	87.4	87.4	87.7	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.9
GE 2000	87.9	87.9	88.2	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.8
GE 1800	88.3	88.3	88.8	88.8	89.0	89.0	89.2	89.2	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.4
GE 1500	89.3	89.3	89.9	89.9	90.1	90.1	90.4	90.4	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.8
GE 1200	89.6	89.6	90.1	90.1	90.6	90.6	90.9	90.9	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.2
GE 1000	89.9	89.9	90.4	90.4	90.9	90.9	91.2	91.2	91.2	91.3	91.4	91.4	91.6	91.6	91.6	91.7
GE 900	90.1	90.1	90.7	90.7	91.1	91.1	91.4	91.4	91.4	91.6	91.7	91.7	91.8	91.8	91.8	91.9
GE 800	90.4	90.4	91.0	91.2	91.9	91.9	92.3	92.4	92.4	92.6	92.7	92.7	92.8	92.8	92.8	92.9
GE 700	90.6	90.6	91.1	91.3	92.0	92.0	92.4	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 600	91.0	91.0	91.6	91.8	92.4	92.4	92.9	93.1	93.1	93.2	93.3	93.3	93.4	93.4	93.4	93.6
GE 500	91.4	91.4	92.0	92.2	93.0	93.0	93.4	93.8	93.8	94.2	94.4	94.4	94.6	94.6	94.7	94.8
GE 400	91.6	91.6	92.1	92.3	93.1	93.2	93.8	94.1	94.1	94.7	94.9	94.9	95.1	95.1	95.2	95.3
GE 300	91.6	91.7	92.2	92.6	93.3	93.4	94.1	94.7	94.7	95.3	95.8	95.8	96.1	96.1	96.2	96.3
GE 200	91.7	91.8	92.4	92.8	93.6	93.7	94.6	95.3	95.3	96.2	97.0	97.1	97.4	97.4	97.8	97.9
GE 100	91.7	91.8	92.4	92.8	93.6	93.7	94.6	95.3	95.3	96.2	97.1	97.2	97.7	97.7	98.4	99.3
GE 000	91.7	91.8	92.4	92.8	93.6	93.7	94.6	95.3	95.3	96.2	97.1	97.2	97.8	97.8	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 20000	76.6	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 18000	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 16000	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 14000	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 12000	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 10000	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 9000	83.8	83.8	83.9	83.9	83.9	83.9	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 8000	84.4	84.4	84.6	84.6	84.6	84.6	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 7000	85.2	85.2	85.3	85.3	85.3	85.3	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	85.7	85.7	85.8	85.8	85.8	85.8	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 5000	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4500	86.4	86.4	86.6	86.6	86.6	86.6	86.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	86.6	86.6	86.7	86.7	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	86.6	86.6	86.7	86.7	86.7	86.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3000	86.8	86.8	86.9	86.9	86.9	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	88.0	88.0	88.2	88.2	88.2	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 2000	88.8	89.0	89.2	89.2	89.2	89.2	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1800	89.2	89.4	89.8	89.8	89.8	89.8	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	90.0	90.2	90.7	90.7	90.7	90.8	91.1	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1200	90.7	90.9	91.3	91.3	91.3	91.7	92.0	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1000	90.8	91.0	91.4	91.4	91.4	91.8	92.1	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	90.9	91.1	91.7	91.8	91.8	92.1	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 800	91.4	91.7	92.2	92.4	92.4	92.8	93.1	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
GE 700	92.0	92.2	92.8	93.0	93.0	93.3	93.7	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6
GE 600	92.7	92.9	93.4	93.7	93.7	94.0	94.4	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4
GE 500	92.8	93.0	93.7	93.9	93.9	94.2	95.0	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.6	96.7
GE 400	93.2	93.4	94.1	94.4	94.4	94.8	95.6	96.8	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.3
GE 300	93.2	93.4	94.1	94.4	94.6	94.9	95.7	96.9	97.0	97.8	97.8	97.8	97.8	98.4	98.6	98.8
GE 200	93.2	93.4	94.1	94.4	94.6	94.9	95.7	96.9	97.0	97.9	97.9	98.0	98.0	98.7	98.8	99.1
GE 100	93.2	93.4	94.1	94.4	94.6	94.9	95.7	96.9	97.0	97.9	97.9	98.0	98.0	98.7	98.8	99.1
GE 000	93.2	93.4	94.1	94.4	94.6	94.9	95.7	96.9	97.0	97.9	97.9	98.0	98.0	98.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2
GE 20000	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9
GE 18000	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3
GE 16000	77.8	77.8	77.8	77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0
GE 14000	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2
GE 12000	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6
GE 10000	82.1	82.1	82.1	82.1	82.1	82.1	82.2	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6
GE 9000	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.4	84.4
GE 8000	84.2	84.2	84.2	84.2	84.2	84.2	84.3	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8	84.8
GE 7000	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 6000	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.5	86.5	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 5000	86.7	86.7	86.7	86.7	86.7	86.7	86.8	87.1	87.1	87.2	87.2	87.2	87.3	87.3	87.3	87.3
GE 4500	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
GE 4000	87.5	87.7	87.8	87.8	87.8	87.8	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 3500	87.5	87.7	87.8	87.8	87.8	87.8	87.9	88.2	88.2	88.3	88.3	88.3	88.4	88.4	88.4	88.4
GE 3000	87.8	87.9	88.0	88.0	88.0	88.0	88.1	88.4	88.4	88.7	88.7	88.7	88.8	88.8	88.8	88.8
GE 2500	88.8	89.0	89.2	89.2	89.2	89.2	89.4	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.1	90.1
GE 2000	90.1	90.3	90.7	90.8	90.8	90.8	91.0	91.5	91.5	91.9	91.9	91.9	92.0	92.1	92.1	92.1
GE 1800	90.3	90.5	91.0	91.2	91.2	91.2	91.4	92.0	92.0	92.3	92.3	92.3	92.4	92.5	92.5	92.5
GE 1500	91.2	91.4	91.9	92.2	92.2	92.2	92.4	93.0	93.0	93.3	93.3	93.3	93.4	93.5	93.5	93.5
GE 1200	91.9	92.1	92.5	92.9	92.9	93.0	93.2	93.8	93.8	94.1	94.1	94.1	94.2	94.3	94.3	94.3
GE 1000	92.0	92.2	92.7	93.0	93.1	93.2	93.4	94.0	94.0	94.3	94.4	94.4	94.5	94.7	94.7	94.7
GE 900	92.5	92.8	93.2	93.5	93.9	94.0	94.2	94.8	94.8	95.1	95.2	95.2	95.3	95.4	95.4	95.4
GE 800	92.7	92.9	93.3	93.7	94.0	94.2	94.4	95.0	95.0	95.3	95.4	95.4	95.7	95.8	95.8	95.8
GE 700	92.9	93.1	93.5	94.0	94.3	94.5	94.8	95.3	95.3	95.7	95.8	95.8	96.0	96.1	96.1	96.1
GE 600	92.9	93.1	93.5	94.3	94.7	94.9	95.2	95.9	95.9	96.2	96.4	96.4	96.7	96.8	96.8	96.8
GE 500	93.3	93.5	94.0	94.8	95.3	95.6	95.9	96.7	96.8	97.1	97.4	97.4	97.8	97.9	97.9	97.9
GE 400	93.3	93.5	94.0	94.8	95.4	95.7	96.0	96.8	96.9	97.2	97.6	97.6	97.9	98.0	98.0	98.0
GE 300	93.3	93.5	94.1	94.9	95.6	95.8	96.1	96.9	97.0	97.4	97.9	97.9	98.2	98.3	98.4	98.6
GE 200	93.3	93.5	94.1	94.9	95.6	95.8	96.1	97.0	97.1	97.8	98.4	98.4	99.0	99.1	99.2	99.7
GE 100	93.3	93.5	94.1	94.9	95.6	95.8	96.1	97.0	97.1	97.8	98.4	98.4	99.0	99.1	99.2	100.0
GE 000	93.3	93.5	94.1	94.9	95.6	95.8	96.1	97.0	97.1	97.8	98.4	98.4	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 20000	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 16000	77.0	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 14000	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 12000	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 10000	82.2	82.2	82.2	82.2	82.2	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 9000	84.2	84.2	84.2	84.2	84.2	84.2	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 8000	85.2	85.2	85.2	85.2	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 7000	86.2	86.2	86.2	86.2	86.2	86.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 6000	87.9	87.9	87.9	87.9	87.9	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 5000	88.1	88.1	88.1	88.1	88.1	88.1	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 4500	88.2	88.2	88.2	88.2	88.2	88.2	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 4000	88.5	88.5	88.5	88.7	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	88.8	88.8	88.8	88.9	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 3000	89.1	89.1	89.1	89.2	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	90.3	90.3	90.3	90.4	90.5	90.5	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	91.3	91.3	91.4	91.5	91.8	91.9	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	92.1	92.1	92.3	92.5	92.9	93.0	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	92.5	92.5	92.8	93.0	93.3	93.4	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	92.7	92.7	92.9	93.1	93.4	93.5	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1000	92.9	92.9	93.1	93.3	93.7	93.8	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	93.2	93.2	93.4	93.7	94.0	94.1	95.0	95.0	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 800	93.7	93.7	94.0	94.2	94.5	94.7	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	94.2	94.2	94.7	94.9	95.3	95.4	96.4	96.6	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 600	94.2	94.2	94.7	95.1	95.6	95.7	96.7	96.8	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	94.7	94.7	95.1	95.6	96.0	96.1	97.1	97.3	97.4	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	94.7	94.7	95.1	95.7	96.1	96.2	97.3	97.6	97.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 300	94.8	94.8	95.3	95.9	96.3	96.4	97.6	97.8	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 200	94.8	94.8	95.3	95.9	96.3	96.4	97.6	97.8	97.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3
GE 100	94.8	94.8	95.3	95.9	96.3	96.4	97.6	97.8	97.9	98.9	98.9	98.9	99.2	99.2	99.2	99.9
GE 000	94.8	94.8	95.3	95.9	96.3	96.4	97.6	97.8	97.9	98.9	98.9	98.9	99.2	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	65.5	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.9	65.9	65.9	65.9
GE 20000	74.6	74.6	74.7	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0
GE 18000	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 16000	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.0
GE 14000	76.4	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.8	76.8	76.8
GE 12000	78.6	78.6	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0
GE 10000	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 9000	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.1	82.1	82.1	82.1
GE 8000	82.1	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 7000	83.5	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1	84.1
GE 6000	85.1	85.2	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.7	85.7	85.7	85.7
GE 5000	85.4	85.5	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0
GE 4500	85.8	85.9	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 4000	86.1	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 3500	86.2	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.9	86.9	86.9	86.9
GE 3000	87.3	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.2	88.2
GE 2500	88.1	88.4	88.9	89.0	89.0	89.1	89.4	89.4	89.4	89.4	89.4	89.4	89.5	89.5	89.5	89.5
GE 2000	89.1	89.5	90.0	90.1	90.1	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.7	90.7	90.7	90.7
GE 1800	89.3	89.8	90.4	90.5	90.5	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2
GE 1500	89.9	90.4	91.2	91.3	91.3	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1
GE 1200	90.4	91.0	92.0	92.1	92.1	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9
GE 1000	90.5	91.1	92.2	92.3	92.7	92.9	93.3	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5
GE 900	91.1	91.7	92.8	93.1	93.5	93.8	94.3	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5
GE 800	91.2	91.8	92.9	93.2	93.7	93.9	94.5	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 700	91.5	92.1	93.4	93.8	94.2	94.4	95.1	95.3	95.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4
GE 600	91.7	92.2	93.7	94.2	94.7	94.9	95.7	95.9	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 500	92.0	92.5	94.0	94.7	95.1	95.3	96.1	96.3	96.3	96.3	96.4	96.4	96.8	96.8	96.8	96.9
GE 400	92.3	93.1	94.5	95.4	96.0	96.2	97.0	97.2	97.2	97.2	97.3	97.3	97.7	97.7	97.7	97.8
GE 300	92.5	93.3	94.8	95.7	96.3	96.6	97.3	97.7	97.7	97.7	97.8	97.8	98.3	98.4	98.4	98.6
GE 200	92.5	93.3	94.8	95.8	96.4	96.7	97.4	97.8	97.8	97.8	98.0	98.0	98.8	98.9	98.9	99.1
GE 100	92.5	93.3	94.8	95.9	96.6	96.8	97.6	97.9	97.9	98.0	98.2	98.2	99.0	99.1	99.2	99.8
GE 000	92.5	93.3	94.8	95.9	96.6	96.8	97.6	97.9	97.9	98.0	98.2	98.2	99.0	99.1	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	65.1	65.2	65.4	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 20000	72.3	72.	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 18000	74.0	74.1	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	74.1	74.2	74.4	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 14000	74.8	74.9	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 12000	76.0	76.1	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 10000	77.2	77.3	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 9000	79.1	79.2	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	80.0	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	81.4	81.6	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 6000	82.9	83.0	83.3	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	83.3	83.4	83.8	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	83.9	84.0	84.3	84.3	84.4	84.4	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4000	84.7	84.8	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	84.7	84.8	85.3	85.3	85.4	85.4	85.4	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	85.4	85.6	86.1	86.1	86.2	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	85.9	86.0	86.6	86.7	86.8	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	87.0	87.2	87.8	87.9	88.0	88.0	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1800	87.3	87.6	88.1	88.2	88.3	88.3	88.4	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1500	88.3	88.8	89.4	89.7	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	88.7	89.3	90.0	90.7	90.8	90.8	90.9	91.0	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	88.8	89.7	90.3	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	89.1	90.0	90.7	91.3	91.4	91.4	91.6	91.7	91.7	91.7	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	89.2	90.1	90.8	91.4	91.7	91.7	91.8	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	89.7	90.6	91.2	92.0	92.2	92.2	92.3	92.4	92.4	92.4	92.8	92.8	92.8	92.8	92.8	92.8
GE 600	89.8	90.9	91.6	92.3	92.6	92.6	92.9	93.3	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	89.9	91.0	91.7	92.8	93.1	93.1	93.6	94.0	94.0	94.0	94.3	94.3	94.9	94.9	94.9	94.9
GE 400	90.2	91.6	92.4	93.6	93.9	93.9	94.4	94.9	94.9	94.9	95.3	95.3	95.9	95.9	96.0	96.0
GE 300	90.3	91.7	92.7	93.8	94.2	94.2	94.9	95.4	95.4	95.6	96.0	96.0	96.8	96.8	97.0	97.1
GE 200	90.3	91.7	92.7	93.8	94.3	94.3	95.0	95.6	95.6	95.8	96.2	96.2	97.7	97.8	98.2	98.7
GE 100	90.3	91.7	92.7	93.8	94.3	94.3	95.0	95.6	95.6	96.1	96.6	96.6	98.1	98.2	98.8	99.7
GE 000	90.3	91.7	92.7	93.8	94.3	94.3	95.0	95.6	95.6	96.1	96.6	96.6	98.2	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5
GE 20000	74.8	74.9	75.0	75.0	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 18000	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 16000	75.8	75.8	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.7	77.7
GE 12000	79.0	79.1	79.2	79.2	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 10000	80.6	80.6	80.7	80.8	80.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	82.1	82.1	82.2	82.3	82.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.6
GE 8000	82.6	82.7	82.8	82.9	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 7000	83.8	83.8	84.0	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.3	84.3	84.3	84.3
GE 6000	84.8	84.8	85.0	85.0	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 5000	85.2	85.3	85.5	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
GE 4500	85.7	85.7	85.9	85.9	86.0	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.3
GE 4000	86.1	86.2	86.4	86.5	86.5	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.8	86.8	86.8
GE 3500	86.3	86.4	86.6	86.7	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	87.0	87.0	87.0	87.0
GE 3000	87.0	87.1	87.3	87.3	87.4	87.4	87.5	87.6	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 2500	88.0	88.1	88.4	88.4	88.5	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9	88.9
GE 2000	88.9	89.1	89.4	89.5	89.6	89.6	89.9	90.0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	89.4	89.5	90.0	90.1	90.2	90.2	90.5	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
GE 1500	90.1	90.3	90.8	91.0	91.1	91.1	91.4	91.5	91.5	91.6	91.6	91.6	91.7	91.7	91.7	91.7
GE 1200	90.6	90.8	91.3	91.5	91.6	91.7	92.1	92.2	92.2	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1000	90.8	91.0	91.6	91.8	92.0	92.1	92.4	92.6	92.6	92.6	92.7	92.7	92.8	92.8	92.8	92.8
GE 900	91.1	91.3	91.9	92.2	92.4	92.5	92.9	93.1	93.1	93.1	93.2	93.2	93.3	93.3	93.3	93.3
GE 800	91.4	91.6	92.2	92.5	92.8	92.9	93.3	93.6	93.6	93.7	93.7	93.7	93.8	93.9	93.9	93.9
GE 700	91.6	91.9	92.5	92.9	93.2	93.3	93.7	94.0	94.0	94.1	94.2	94.2	94.3	94.3	94.3	94.3
GE 600	91.9	92.2	92.8	93.3	93.6	93.7	94.2	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0
GE 500	92.2	92.4	93.1	93.6	94.0	94.2	94.7	95.2	95.3	95.5	95.6	95.6	95.9	95.9	95.9	95.9
GE 400	92.4	92.7	93.4	94.0	94.4	94.6	95.2	95.7	95.8	96.0	96.2	96.2	96.4	96.4	96.5	96.5
GE 300	92.5	92.9	93.6	94.2	94.7	94.9	95.5	96.2	96.2	96.6	96.6	96.9	97.3	97.3	97.4	97.6
GE 200	92.5	92.9	93.7	94.3	94.8	95.0	95.7	96.4	96.5	97.0	97.4	97.4	98.2	98.2	98.4	98.7
GE 100	92.5	92.9	93.7	94.3	94.9	95.0	95.8	96.5	96.5	97.1	97.5	97.5	98.4	98.5	98.9	99.7
GE 000	92.5	92.9	93.7	94.3	94.9	95.0	95.8	96.5	96.5	97.1	97.5	97.5	98.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.6	65.1	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 20000	72.8	73.3	73.5	73.5	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 18000	73.3	73.9	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 16000	73.4	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 14000	74.9	75.6	75.6	75.8	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 12000	75.9	76.6	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	76.6	77.2	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	77.4	78.1	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	78.0	78.6	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	78.5	79.1	79.4	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 6000	79.5	80.1	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	79.7	80.3	80.5	80.5	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 4500	80.5	81.2	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 4000	81.1	81.7	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	81.7	82.4	82.6	82.6	82.6	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3000	81.9	82.6	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	82.5	83.1	83.4	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2000	83.8	84.4	84.7	85.1	85.1	85.1	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 1800	84.4	85.1	85.4	85.7	85.7	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	85.7	86.3	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	86.2	86.9	87.2	87.5	87.5	87.5	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	86.5	87.1	87.4	87.7	88.0	88.0	88.4	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 900	86.6	87.2	87.5	87.8	88.1	88.1	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	86.7	87.3	87.6	88.0	88.2	88.2	88.7	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	86.8	87.4	87.8	88.2	88.4	88.4	88.9	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 600	87.3	88.0	88.4	88.9	89.2	89.2	89.9	90.2	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 500	87.5	88.2	88.7	89.7	90.1	90.1	91.2	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 400	87.8	88.6	89.1	90.1	91.0	91.1	92.4	92.9	93.0	93.8	94.0	94.0	94.1	94.1	94.1	94.1
GE 300	87.8	88.7	89.2	90.4	91.3	91.4	92.7	93.3	93.4	94.5	94.9	94.9	95.2	95.2	95.2	95.2
GE 200	88.0	88.8	89.4	90.9	91.7	91.9	93.5	94.2	94.4	96.0	96.6	96.6	97.1	97.1	97.4	97.6
GE 100	88.0	88.8	89.4	90.9	91.7	91.9	93.7	94.4	94.6	96.3	97.0	97.0	98.1	98.1	98.7	99.5
GE 000	88.0	88.8	89.4	90.9	91.7	91.9	93.7	94.4	94.6	96.3	97.0	97.0	98.1	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 18000	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 16000	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 14000	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 12000	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 10000	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 8000	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 7000	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 6000	81.2	81.2	81.4	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 5000	81.6	81.6	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 3500	83.0	83.0	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3000	83.5	83.5	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2500	84.3	84.3	84.7	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	85.1	85.1	85.5	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1800	85.6	85.6	86.0	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 1500	85.9	85.9	86.3	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 1200	86.3	86.3	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1000	86.8	86.8	87.3	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	86.9	86.9	87.4	88.0	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 800	87.6	87.6	88.3	88.8	89.0	89.0	89.1	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 700	88.0	88.1	88.7	89.5	9.7	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 600	88.3	88.4	89.1	89.9	90.2	90.2	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 500	88.5	88.6	89.7	90.9	91.2	91.2	91.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 400	88.6	88.7	89.8	91.0	91.3	91.3	92.3	92.6	92.6	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 300	88.8	89.0	90.1	91.9	92.3	92.3	93.4	94.0	94.1	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 200	88.8	89.0	90.2	92.2	92.5	92.5	94.1	94.9	95.1	96.5	96.6	96.6	96.8	96.8	97.4	97.4
GE 100	88.8	89.0	90.2	92.2	92.5	92.5	94.1	94.9	95.1	96.5	96.6	96.6	97.1	97.2	98.1	99.6
GE 000	88.8	89.0	90.2	92.2	92.5	92.5	94.1	94.9	95.1	96.5	96.6	96.6	97.1	97.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.5	66.5	66.5
GE 20000	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 18000	75.5	75.5	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8
GE 16000	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9	75.9	75.9
GE 14000	76.9	76.9	76.9	76.9	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.2	77.2	77.2	77.2
GE 12000	78.6	78.6	78.6	78.6	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9
GE 10000	80.1	80.1	80.1	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4
GE 9000	80.5	80.5	80.5	80.5	80.5	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9
GE 8000	80.6	80.6	80.6	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0
GE 7000	81.0	81.0	81.0	81.0	81.0	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.3
GE 6000	81.5	81.5	81.5	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.8	81.8	81.8	81.8
GE 5000	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 4500	81.7	81.7	81.7	81.7	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0
GE 4000	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 3500	82.8	82.9	82.9	82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2
GE 3000	83.8	83.9	83.9	83.9	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
GE 2500	84.6	84.7	84.7	84.8	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2
GE 2000	85.2	85.5	85.5	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 1800	85.5	85.9	85.9	86.0	86.0	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.3	86.3	86.3	86.3
GE 1500	85.5	86.0	86.0	86.2	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6	86.6
GE 1200	86.2	86.8	86.8	87.0	87.0	87.0	87.2	87.2	87.2	87.3	87.3	87.3	87.4	87.4	87.4	87.4
GE 1000	86.9	87.4	87.6	88.0	88.0	88.0	88.2	88.3	88.3	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 900	87.2	87.7	88.0	88.5	88.5	88.5	88.8	88.9	88.9	89.0	89.0	89.0	89.1	89.1	89.1	89.1
GE 800	87.4	88.0	88.3	89.0	89.2	89.2	89.6	89.7	89.7	89.8	89.8	89.8	89.9	89.9	89.9	89.9
GE 700	87.5	88.1	88.4	89.4	89.6	89.6	89.9	90.0	90.0	90.1	90.1	90.1	90.2	90.2	90.2	90.2
GE 600	87.6	88.3	88.6	89.6	89.8	89.8	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 500	88.0	88.6	89.0	90.1	90.4	90.4	91.0	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 400	88.3	88.9	89.5	90.6	91.0	91.0	91.8	92.4	92.4	92.7	92.7	92.7	92.8	92.8	92.8	92.8
GE 300	88.4	89.0	89.6	90.8	91.4	91.5	92.6	93.2	93.2	93.9	93.9	93.9	94.3	94.3	94.3	94.3
GE 200	88.6	89.2	89.8	91.1	91.9	92.0	93.7	94.5	94.5	95.8	96.1	96.1	96.8	96.9	97.1	97.1
GE 100	88.6	89.2	89.8	91.1	91.9	92.0	93.7	94.5	94.6	96.3	96.8	96.8	97.5	97.6	98.4	99.1
GE 000	88.6	89.2	89.8	91.1	91.9	92.0	93.7	94.5	94.6	96.3	96.8	96.8	97.6	97.7	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GF 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.9	62.9	63.0	63.1	63.4	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 20000	75.8	75.8	75.9	76.0	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 18000	76.0	76.0	76.1	76.2	76.6	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 16000	76.6	76.6	76.7	76.8	77.1	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 14000	78.2	78.2	78.3	78.4	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 12000	78.7	78.7	78.8	78.9	79.2	79.2	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 10000	80.4	80.4	80.5	80.6	81.0	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 9000	81.3	81.3	81.4	81.5	81.8	81.8	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 8000	81.9	81.9	82.0	82.2	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 7000	82.9	82.9	83.0	83.1	83.4	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 6000	83.7	83.7	83.9	84.0	84.3	84.3	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	83.8	83.8	84.0	84.1	84.4	84.4	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 4500	83.9	83.9	84.1	84.2	84.5	84.5	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4000	84.4	84.4	84.6	84.7	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	84.8	84.8	85.1	85.2	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	85.6	85.6	85.8	85.9	86.2	86.2	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	86.2	86.2	86.7	86.8	87.2	87.3	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 2000	86.6	86.6	87.0	87.1	87.6	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	87.1	87.2	87.6	87.7	88.4	88.5	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	87.7	88.0	88.5	88.6	89.2	89.5	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
87.8	88.1	88.6	88.7	89.4	89.8	90.3	90.5	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	88.1	88.3	89.0	89.1	89.8	90.2	90.9	91.2	91.2	91.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 900	88.1	88.3	89.0	89.1	89.8	90.2	90.9	91.3	91.3	91.7	91.8	91.8	91.9	91.9	91.9	91.9
GE 800	88.1	88.3	89.1	89.2	90.0	90.4	91.1	91.6	91.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3
GE 700	88.1	88.3	89.2	89.6	90.3	90.8	91.5	92.0	92.0	92.5	92.6	92.6	92.7	92.7	92.7	92.7
GE 600	88.3	88.5	89.5	89.8	90.5	91.0	91.7	92.4	92.4	92.9	93.0	93.0	93.2	93.2	93.2	93.2
GE 500	88.4	88.6	89.8	90.1	90.9	91.4	92.4	93.1	93.1	93.8	93.9	93.9	94.1	94.1	94.2	94.2
GE 400	88.4	88.6	89.8	90.1	90.9	91.4	92.6	93.4	93.4	94.1	94.7	94.7	94.9	94.9	95.1	95.1
GE 300	88.4	88.6	89.8	90.1	90.9	91.4	92.6	93.5	93.5	94.2	94.8	94.8	95.6	95.6	95.8	95.8
GE 200	88.4	88.6	89.8	90.2	91.1	91.6	93.1	94.3	94.3	95.3	96.5	96.5	97.4	97.4	97.7	97.7
GE 100	88.4	88.6	89.8	90.2	91.1	91.6	93.1	94.4	94.4	95.6	96.9	96.9	97.8	97.8	98.5	99.1
GE 000	88.4	88.6	89.8	90.2	91.1	91.6	93.1	94.4	94.4	95.6	96.9	96.9	97.8	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.2	62.3	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	77.5	77.6	77.8	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 18000	77.8	78.0	78.2	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 16000	78.2	78.3	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 14000	79.2	79.4	79.6	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 12000	80.0	80.1	80.3	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 10000	80.8	80.9	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 9000	81.3	81.4	81.7	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 8000	82.2	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	82.7	82.8	83.1	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	83.1	83.2	83.5	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 5000	83.3	83.4	83.8	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 4500	83.3	83.4	83.8	84.0	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	83.9	84.0	84.4	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	84.6	84.7	85.2	85.4	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3000	85.1	85.2	85.6	85.8	85.8	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	85.7	85.8	86.2	86.6	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 2000	86.7	86.8	87.2	87.5	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	87.0	87.1	87.5	88.0	88.1	88.2	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	87.2	87.3	87.7	88.6	88.8	88.9	89.7	89.7	89.7	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1200	88.1	88.2	88.6	89.5	89.8	89.9	90.6	90.6	90.6	91.0	91.3	91.3	91.3	91.3	91.3	91.3
GE 1000	88.4	88.7	89.4	90.2	90.5	90.6	91.4	91.4	91.4	91.7	92.0	92.0	92.0	92.0	92.0	92.0
GE 900	88.8	89.1	90.0	91.0	91.4	91.6	92.4	92.4	92.4	92.7	93.0	93.0	93.0	93.0	93.0	93.0
GE 800	88.8	89.1	90.0	91.0	91.5	91.7	92.6	92.6	92.6	93.0	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	88.8	89.1	90.0	91.1	91.7	91.9	93.0	93.0	93.1	93.5	94.1	94.1	94.1	94.1	94.1	94.1
GE 600	88.9	89.2	90.1	91.4	92.0	92.3	93.4	93.4	93.5	94.1	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	88.9	89.2	90.1	91.4	92.2	92.5	93.9	93.9	94.0	94.7	95.3	95.3	95.5	95.5	95.5	95.5
GE 400	88.9	89.2	90.2	91.6	92.4	92.7	94.3	94.6	94.8	95.6	96.3	96.3	96.6	96.6	96.6	96.6
GE 300	88.9	89.4	90.3	91.7	92.7	93.0	94.6	94.9	95.2	95.9	96.8	96.8	97.2	97.2	97.2	97.2
GE 200	88.9	89.4	90.3	91.7	92.7	93.1	94.8	95.3	95.5	96.3	97.4	97.4	98.4	98.4	98.7	98.7
GE 100	88.9	89.4	90.3	91.7	92.7	93.1	94.8	95.3	95.5	96.3	97.4	97.4	98.4	98.4	98.7	98.9
GE 000	88.9	89.4	90.3	91.7	92.7	93.1	94.8	95.3	95.5	96.3	97.4	97.4	98.4	98.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	65.1	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 20000	77.0	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 18000	77.2	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 16000	77.7	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 14000	78.9	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 12000	79.1	79.3	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 10000	79.8	80.1	80.1	80.1	80.1	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	80.7	80.9	80.9	80.9	80.9	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 7000	82.5	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 6000	83.2	83.4	83.4	83.4	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 5000	83.4	83.6	83.6	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 4500	83.5	83.7	83.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	84.2	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 3500	84.5	84.7	84.7	84.8	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 3000	84.9	85.1	85.1	85.2	85.3	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2500	85.7	86.0	86.1	86.2	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 2000	86.9	87.3	87.5	87.6	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1800	87.3	87.7	88.0	88.1	88.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	87.8	88.3	88.6	88.7	88.9	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1200	88.6	89.0	89.5	89.7	90.0	90.0	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 1000	88.7	89.1	89.7	90.0	90.3	90.3	91.1	91.2	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4
GE 900	88.9	89.3	90.0	90.4	90.7	90.7	91.7	91.9	91.9	91.9	92.0	92.0	92.0	92.0	92.0	92.1
GE 800	89.1	89.5	90.3	90.7	91.2	91.2	92.2	92.5	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8
GE 700	89.2	89.7	90.5	90.9	91.5	91.5	92.8	93.3	93.3	93.6	94.0	94.0	94.1	94.1	94.1	94.2
GE 600	89.3	89.8	90.6	91.1	91.7	91.7	93.0	93.5	93.5	94.0	94.3	94.3	94.4	94.4	94.4	94.5
GE 500	89.4	89.9	90.8	91.4	92.0	92.1	93.8	94.5	94.6	95.2	95.6	95.6	95.7	95.7	95.7	95.8
GE 400	89.4	89.9	91.3	91.9	92.7	92.8	94.6	95.5	95.6	96.4	96.9	96.9	97.0	97.0	97.0	97.1
GE 300	89.4	89.9	91.3	91.9	92.8	92.9	94.7	95.7	95.8	96.7	97.1	97.1	97.7	97.7	97.7	97.8
GE 200	89.4	89.9	91.3	91.9	92.8	92.9	94.7	95.7	95.8	97.0	97.4	97.4	98.3	98.3	98.5	98.7
GE 100	89.4	89.9	91.3	91.9	92.8	92.9	94.7	95.7	95.8	97.0	97.4	97.4	98.3	98.3	98.9	99.5
GE 000	89.4	89.9	91.3	91.9	92.8	92.9	94.7	95.7	95.8	97.0	97.4	97.4	98.3	98.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	65.5	65.5	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 20000	74.1	74.1	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 18000	74.2	74.2	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 16000	74.5	74.5	74.6	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 14000	75.6	75.6	75.7	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 12000	76.9	76.9	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 10000	78.5	78.5	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 9000	79.4	79.4	79.5	79.5	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	79.6	79.6	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 7000	80.1	80.1	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	80.6	80.6	80.8	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 5000	81.2	81.2	81.3	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	81.9	81.9	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3
GE 4000	82.4	82.4	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.7
GE 3500	82.9	82.9	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2
GE 3000	84.3	84.3	84.4	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.6
GE 2500	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.9
GE 2000	87.5	87.5	87.6	87.8	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.1
GE 1800	87.8	87.8	88.1	88.3	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6
GE 1500	88.2	88.2	88.4	88.6	88.6	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1200	88.7	88.7	88.9	89.1	89.1	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 1000	88.7	88.7	89.2	89.7	89.8	90.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.9
GE 900	88.8	88.8	89.4	90.0	90.1	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4
GE 800	88.9	89.0	89.6	90.3	90.4	91.0	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	92.0
GE 700	89.0	89.1	89.7	90.5	90.9	91.4	91.9	92.2	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.8
GE 600	89.0	89.1	89.7	90.8	91.2	91.7	92.3	92.5	92.6	92.9	93.0	93.0	93.0	93.0	93.0	93.2
GE 500	89.4	89.6	90.3	91.9	92.5	93.0	93.5	93.9	94.0	94.6	94.7	94.7	94.8	94.8	94.8	95.1
GE 400	89.4	89.6	90.3	92.0	92.6	93.1	93.8	94.3	94.4	95.2	95.3	95.3	95.4	95.4	95.4	95.7
GE 300	89.5	89.7	90.5	92.4	93.1	93.7	94.3	94.9	95.1	95.8	95.9	95.9	96.1	96.1	96.1	96.5
GE 200	89.6	89.8	90.6	92.5	93.3	93.9	94.6	95.4	95.6	96.3	96.7	96.7	96.9	96.9	97.0	98.1
GE 100	89.6	89.8	90.6	92.6	93.4	94.0	94.7	95.5	95.7	96.5	96.8	96.8	97.2	97.3	97.5	99.5
GE 000	89.6	89.8	90.6	92.6	93.4	94.0	94.7	95.5	95.7	96.5	96.8	96.8	97.2	97.3	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	63.1	63.1	63.3	63.4	63.4	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.0
GE 20000	72.5	72.5	72.7	72.8	72.8	72.8	73.0	73.1	73.1	73.1	73.1	73.1	73.2	73.2	73.2	73.3
GE 18000	72.7	72.7	72.9	73.0	73.0	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5
GE 16000	72.9	72.9	73.1	73.2	73.2	73.2	73.4	73.5	73.5	73.5	73.5	73.5	73.7	73.7	73.7	73.8
GE 14000	75.3	75.3	75.5	75.6	75.6	75.6	75.8	75.9	75.9	75.9	75.9	75.9	76.0	76.0	76.0	76.1
GE 12000	75.9	75.9	76.1	76.2	76.2	76.2	76.5	76.6	76.6	76.6	76.6	76.6	76.7	76.7	76.7	76.8
GE 10000	76.7	76.7	76.9	77.0	77.0	77.0	77.2	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5
GE 9000	77.7	77.7	78.0	78.1	78.1	78.1	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.6
GE 8000	78.6	78.6	78.8	78.9	78.9	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.4	79.4	79.4	79.5
GE 7000	79.0	79.0	79.2	79.4	79.4	79.4	79.6	79.7	79.7	79.7	79.7	79.7	79.8	79.8	79.8	79.9
GE 6000	79.6	79.6	79.8	79.9	79.9	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.3	80.3	80.3	80.4
GE 5000	79.8	79.8	80.0	80.1	80.1	80.1	80.3	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.6
GE 4500	80.5	80.5	80.8	80.9	80.9	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3	81.4
GE 4000	81.4	81.4	81.6	81.7	81.7	81.7	81.9	82.0	82.0	82.0	82.0	82.0	82.2	82.2	82.2	82.3
GE 3500	82.0	82.0	82.3	82.4	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.8	82.8	82.8	82.9
GE 3000	82.8	82.8	83.0	83.1	83.1	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.7	83.7	83.7	83.8
GE 2500	83.8	83.8	84.0	84.2	84.2	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.7	84.7	84.7	84.8
GE 2000	85.4	85.4	85.7	85.9	85.9	85.9	86.1	86.2	86.2	86.3	86.5	86.5	86.7	86.7	86.7	86.8
GE 1800	85.9	85.9	86.3	86.6	86.6	86.6	86.9	87.0	87.0	87.1	87.2	87.2	87.4	87.4	87.4	87.5
GE 1500	86.7	86.7	87.5	87.8	87.8	87.8	88.2	88.3	88.3	88.4	88.5	88.5	88.7	88.7	88.7	88.8
GE 1200	87.3	87.3	88.3	88.7	88.7	88.7	89.1	89.2	89.2	89.4	89.5	89.5	89.7	89.7	89.7	89.8
GE 1000	87.6	87.6	88.6	89.2	89.4	89.4	89.8	89.9	89.9	90.0	90.1	90.1	90.3	90.3	90.3	90.4
GE 900	87.7	87.8	88.9	89.6	89.7	89.7	90.1	90.2	90.2	90.3	90.4	90.4	90.6	90.6	90.6	90.8
GE 800	88.3	88.4	89.5	90.2	90.4	90.4	90.9	91.3	91.3	91.4	91.5	91.5	91.7	91.7	91.7	91.8
GE 700	88.5	88.6	89.7	90.5	90.8	90.8	91.3	91.8	91.8	92.0	92.2	92.2	92.4	92.4	92.4	92.5
GE 600	88.6	88.7	89.8	90.9	91.1	91.1	91.6	92.2	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.8
GE 500	88.9	89.0	90.1	91.4	91.7	91.8	92.8	93.5	93.5	93.9	94.0	94.0	94.2	94.2	94.2	94.3
GE 400	88.9	89.0	90.1	91.4	91.7	91.9	92.9	93.7	93.8	94.3	94.4	94.4	94.6	94.6	94.6	94.7
GE 300	88.9	89.0	90.1	91.4	91.8	92.0	93.1	94.1	94.2	94.8	95.1	95.1	95.6	95.6	95.6	95.7
GE 200	89.0	89.1	90.3	91.6	92.0	92.3	93.7	94.8	94.9	96.1	96.5	96.5	97.0	97.0	97.7	98.3
GE 100	89.0	89.1	90.3	91.6	92.0	92.3	93.8	94.9	95.1	96.2	96.6	96.6	97.3	97.3	98.4	99.6
GE 000	89.0	89.1	90.3	91.6	92.0	92.3	93.8	94.9	95.1	96.2	96.6	96.6	97.4	97.4	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	64.7	64.8	65.0	65.0	65.0	65.0	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 20000	75.2	75.3	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7
GE 18000	75.4	75.5	75.6	75.6	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 16000	75.7	75.8	75.9	75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 14000	77.1	77.2	77.4	77.4	77.4	77.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 12000	77.9	78.1	78.2	78.2	78.3	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 10000	79.0	79.1	79.3	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 9000	79.8	79.9	80.0	80.1	80.1	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 8000	80.4	80.5	80.6	80.7	80.7	80.7	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	80.9	81.1	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.5	81.5	81.5	81.5
GE 6000	81.5	81.7	81.8	81.9	81.9	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	81.8	81.9	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4	82.4	82.4
GE 4500	82.2	82.3	82.5	82.6	82.6	82.6	82.7	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4000	82.8	82.9	83.1	83.2	83.2	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3500	83.3	83.4	83.6	83.7	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0
GE 3000	84.0	84.1	84.3	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 2500	84.8	84.9	85.2	85.4	85.5	85.5	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	85.9	86.1	86.3	86.5	86.7	86.7	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 1800	86.3	86.5	86.9	87.1	87.2	87.3	87.5	87.5	87.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6
GE 1500	86.8	87.1	87.5	87.8	87.9	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.5	88.5	88.5	88.5
GE 1200	87.4	87.7	88.1	88.4	88.6	88.7	89.1	89.1	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.4
GE 1000	87.7	88.0	88.5	89.0	89.2	89.4	89.8	89.9	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.2
GE 900	87.9	88.2	88.8	89.3	89.6	89.7	90.2	90.3	90.3	90.5	90.5	90.5	90.6	90.6	90.6	90.6
GE 800	88.1	88.4	89.1	89.7	90.0	90.1	90.7	90.9	90.9	91.1	91.2	91.2	91.3	91.3	91.3	91.3
GE 700	88.2	88.5	89.3	90.0	90.3	90.5	91.2	91.4	91.5	91.7	91.9	91.9	91.9	91.9	91.9	92.0
GE 600	88.4	88.7	89.5	90.3	90.7	90.9	91.6	91.9	91.9	92.2	92.4	92.4	92.4	92.4	92.4	92.5
GE 500	88.6	89.0	89.8	90.9	91.4	91.6	92.5	93.0	93.0	93.5	93.6	93.6	93.7	93.7	93.8	93.8
GE 400	88.7	89.1	90.0	91.1	91.7	91.9	93.1	93.7	93.7	94.4	94.7	94.7	94.8	94.8	94.8	94.9
GE 300	88.8	89.2	90.1	91.3	92.0	92.3	93.5	94.2	94.3	95.1	95.4	95.4	95.8	95.8	95.9	95.9
GE 200	88.8	89.2	90.2	91.5	92.3	92.5	94.0	94.9	95.0	96.2	96.7	96.7	97.3	97.3	97.7	98.0
GE 100	88.8	89.2	90.2	91.5	92.3	92.5	94.1	95.0	95.1	96.3	96.9	96.9	97.7	97.8	98.4	99.3
GE 000	88.8	89.2	90.2	91.5	92.3	92.5	94.1	95.0	95.1	96.3	96.9	96.9	97.7	97.8	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 20000	71.1	71.1	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.6
GE 16000	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.8	71.8	71.8	71.8
GE 14000	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 12000	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 10000	78.0	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.3	78.3
GE 9000	80.2	80.2	80.2	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	81.4	81.5	81.5	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 7000	83.0	83.1	83.1	83.2	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.7	84.7	84.7	84.7
GE 5000	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 4500	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2	86.2	86.2
GE 4000	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3500	87.6	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.0	88.0	88.0	88.0	88.0	88.0
GE 3000	88.5	88.6	88.7	88.8	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 2500	89.4	89.5	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	90.6	90.7	90.9	91.0	91.1	91.1	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	91.1	91.2	91.4	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	91.6	91.7	92.0	92.2	92.3	92.4	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.7
GE 1200	92.1	92.3	92.6	92.8	93.0	93.0	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1000	92.4	92.6	92.9	93.2	93.4	93.4	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 900	92.7	92.9	93.3	93.6	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.4	94.4
GE 800	92.9	93.1	93.5	93.9	94.1	94.2	94.5	94.7	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 700	93.1	93.3	93.8	94.1	94.4	94.5	94.8	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 600	93.3	93.5	94.0	94.4	94.8	94.9	95.2	95.4	95.4	95.5	95.6	95.6	95.6	95.6	95.7	95.7
GE 500	93.5	93.8	94.3	94.8	95.2	95.3	95.7	96.0	96.0	96.2	96.3	96.3	96.3	96.3	96.4	96.4
GE 400	93.7	93.9	94.5	95.1	95.5	95.6	96.1	96.5	96.5	96.7	96.8	96.8	96.9	96.9	96.9	97.0
GE 300	93.8	94.1	94.7	95.3	95.8	95.9	96.5	96.9	97.0	97.3	97.4	97.5	97.6	97.6	97.7	97.7
GE 200	93.9	94.1	94.8	95.4	96.0	96.1	96.9	97.3	97.4	97.9	98.1	98.1	98.5	98.5	98.7	98.8
GE 100	93.9	94.1	94.8	95.5	96.0	96.2	96.9	97.4	97.5	98.0	98.3	98.3	98.8	98.9	99.2	99.7
GE 000	93.9	94.1	94.8	95.5	96.0	96.2	96.9	97.4	97.5	98.0	98.3	98.3	98.9	98.9	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS: 87646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	50.1	16.2	9.4	21.9	2.4	33.7	.9	930
03-05	52.5	13.4	10.0	21.9	2.2	34.1	1.1	930
06-08	35.7	20.5	19.2	21.7	2.8	43.8	.9	930
09-11	29.7	19.2	18.3	30.8	2.0	51.1	1.2	930
12-14	26.6	21.9	19.7	30.2	1.6	51.5	.4	930
15-17	27.4	19.8	23.0	28.0	1.8	52.8	1.0	930
18-20	35.3	22.5	13.4	27.0	1.8	42.3	1.5	930
21-23	41.7	20.4	11.3	23.7	2.9	37.8	1.9	930
ALL HOURS	37.0	19.0	15.0	25.0	2.0	43.0	1.0	7440

MONTH: FEB HOURS: ALL

00-02	41.9	16.7	9.8	26.0	5.5	41.3	.9	849
03-05	42.5	17.0	10.2	24.7	5.5	40.5	.6	849
06-08	30.4	22.3	17.3	24.6	5.4	47.3	1.5	849
09-11	24.7	21.7	20.8	29.0	3.8	53.6	3.3	849
12-14	16.6	28.3	20.5	31.8	2.8	55.1	2.6	849
15-17	16.0	23.4	22.1	36.3	2.1	60.5	2.0	849
18-20	25.0	24.0	16.5	31.1	3.4	51.0		849
21-23	36.6	19.0	13.1	25.7	5.7	44.1	1.1	849
ALL HOURS	29.2	21.5	16.3	28.7	4.3	49.2	1.5	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	42.3	15.7	11.7	26.5	3.9	42.0	1.1	930
03-05	41.4	14.8	12.2	27.6	4.0	43.8	.6	930
06-08	28.7	16.5	16.9	33.5	4.4	54.8	.5	930
09-11	22.4	21.7	16.3	36.1	3.4	55.9	1.4	930
12-14	12.8	24.0	22.3	38.4	2.6	63.2	.5	930
15-17	11.6	21.4	23.5	41.4	2.0	67.0	1.1	930
18-20	19.0	21.3	18.3	39.6	1.8	59.7	.6	930
21-23	34.0	19.8	11.1	32.0	3.1	46.2	1.1	930
ALL HOURS	26.0	19.0	16.0	34.0	3.0	54.0	.0	7440

MONTH: APR HOURS: ALL

00-02	43.8	18.2	10.4	26.2	1.3	39.0	.1	900
03-05	41.7	19.8	12.6	24.8	1.2	38.6	.3	900
06-08	30.7	18.7	19.2	29.9	1.6	50.7	1.0	900
09-11	25.4	25.8	18.4	29.8	.6	48.8	.1	900
12-14	15.8	26.8	25.2	31.2	1.0	57.4	.1	900
15-17	8.8	24.9	29.8	35.1	.4	66.3	.4	900
18-20	18.4	24.0	20.7	35.8	1.1	57.6	.3	900
21-23	33.2	23.2	14.4	28.1	1.2	43.6	.4	900
ALL HOURS	27.2	22.7	18.8	30.2	1.0	60.1	.4	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 SEP 89
MONTH: MAY HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	33.7	23.4	10.2	31.9	.8	42.9		930
03-05	30.0	24.1	16.0	29.5	.4	45.9	.2	930
06-08	21.5	26.3	21.3	30.4	.4	52.2	.3	930
09-11	14.9	31.5	22.8	30.6	.1	53.5		930
12-14	6.6	30.4	30.4	32.6		63.0		930
15-17	3.4	24.6	30.5	41.4		71.9	.2	930
18-20	8.3	23.4	30.0	38.3		68.3	.1	930
21-23	25.1	25.7	15.2	34.0	.1	49.2	.1	930
ALL HOURS	17.0	26.0	22.0	33.0	.0	55.0	.0	7440

MONTH: JUN HOURS: ALL

00-02	36.6	26.1	15.1	21.6	.7	37.3		900
03-05	36.6	25.4	15.2	22.0	.8	38.0		900
06-08	30.3	27.2	20.1	21.8	.6	42.4	.2	900
09-11	27.3	32.9	20.0	19.8		39.8		900
12-14	14.3	35.3	28.9	21.4		50.3	.1	900
15-17	7.7	29.4	35.6	27.3		62.9		900
18-20	10.3	26.1	32.0	31.6		63.6		900
21-23	24.2	27.0	23.6	25.1	.1	48.8	.1	900
ALL HOURS	23.4	28.7	23.8	23.8	.3	47.9	.1	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	41.8	22.8	19.4	16.0		35.4		930
03-05	41.1	27.0	16.7	15.2	.1	31.9	.1	930
06-08	38.4	29.0	18.9	13.7		32.6	.2	930
09-11	37.6	34.4	16.9	11.1		28.0		930
12-14	11.6	43.2	32.9	12.3		45.2		930
15-17	8.4	30.0	33.5	28.1		61.6		930
18-20	10.1	27.5	30.1	32.3		62.4		930
21-23	26.3	28.3	21.3	24.1		45.4		930
ALL HOURS	26.0	30.0	23.0	19.0	.0	42.0	.0	7440

MONTH: AUG HOURS: ALL

00-02	35.7	24.6	15.8	23.3	.5	39.7	.1	930
03-05	37.2	28.5	14.9	18.8	.5	34.3	.5	930
06-08	30.9	29.5	20.0	19.1	.5	39.7	.3	930
09-11	30.2	35.2	20.1	14.5		34.6		930
12-14	12.4	38.7	34.1	14.7	.1	48.9		930
15-17	7.2	28.1	38.5	26.2		64.7	.1	930
18-20	10.6	20.6	30.9	37.7	.1	68.7	.3	930
21-23	23.0	23.2	21.9	31.5	.3	53.8	.4	930
ALL HOURS	23.4	28.5	24.5	23.3	.3	48.1	.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	49.3	17.4	11.0	21.1	1.1	33.2	.3	900
03-05	50.1	18.8	10.7	18.8	1.7	31.1	.3	900
06-08	37.6	23.0	16.1	22.0	1.3	39.4	.7	900
09-11	33.6	27.6	16.4	22.1	.3	38.9	1.1	900
12-14	25.4	31.3	20.8	22.3	.1	43.2	.7	900
15-17	21.0	27.4	24.5	27.0	.1	51.6	.8	899
18-20	26.5	24.4	21.4	27.4	.2	49.1	.3	897
21-23	39.6	22.7	13.3	23.5	.9	37.7	.2	897
ALL HOURS	35.0	24.0	16.0	23.0	.0	40.0	.0	7193

MONTH: OCT HOURS: ALL

00-02	51.6	14.3	9.9	21.9	2.3	34.1	.6	930
03-05	50.1	15.8	8.7	23.4	1.9	34.1	.6	930
06-08	39.0	19.1	16.9	23.0	1.9	41.8	.8	930
09-11	32.6	22.9	18.6	24.7	1.2	44.5	.9	930
12-14	26.0	28.0	19.7	25.6	.8	46.0	.3	930
15-17	26.0	24.6	21.5	27.0	.9	49.4	.1	930
18-20	34.8	23.8	15.2	25.2	1.1	41.4	.3	930
21-3	43.8	20.2	12.7	21.3	2.0	36.0	.3	930
ALL HOURS	38.0	21.1	15.4	24.0	1.5	40.9	.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	44.1	20.2	11.6	20.9	3.2	35.7	1.6	900
03-05	44.4	18.9	12.8	20.4	3.4	36.7	1.3	900
06-08	30.9	21.4	21.7	22.2	3.8	47.7	.9	900
09-11	25.3	20.8	26.8	24.2	2.9	53.9	1.2	900
12-14	19.8	27.8	26.6	24.0	1.9	52.4	.8	900
15-17	22.0	26.2	22.6	27.6	1.7	51.8	.4	900
18-20	37.0	20.6	14.6	25.9	2.0	42.4	1.3	900
21-23	39.8	20.3	13.2	23.6	3.1	39.9	1.2	900
ALL HOURS	32.0	22.0	18.0	23.0	2.0	45.0	1.0	7200

MONTH: DEC HOURS: ALL

00-02	45.1	14.7	11.4	24.8	4.0	40.2	.9	930
03-05	47.3	15.8	11.4	21.7	3.8	36.9	1.1	930
06-08	36.7	19.5	16.8	23.9	3.2	43.9	1.4	930
09-11	30.5	17.8	20.1	28.4	3.1	51.6	2.2	930
12-14	26.0	21.9	20.0	29.1	2.9	52.0	1.7	930
15-17	24.3	24.2	19.1	29.0	3.3	51.5	1.3	930
18-20	41.0	17.4	11.0	26.7	4.0	41.6	.9	930
21-23	42.0	15.6	12.3	25.4	4.7	42.4	.9	930
ALL HOURS	36.6	18.4	15.3	26.1	3.6	45.0	1.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	43.0	19.2	12.2	23.5	2.1	37.8	.5	10959
03-05	42.9	20.0	12.6	22.4	2.1	37.1	.6	10959
06-08	32.6	22.8	18.7	23.8	2.1	44.7	.7	10959
09-11	27.9	26.0	19.6	25.1	1.4	46.1	.9	10959
12-14	17.8	29.8	25.1	26.1	1.1	52.4	.6	10959
15-17	15.3	25.3	27.0	31.3	1.0	59.3	.6	10958
18-20	23.0	23.0	21.2	31.6	1.3	54.0	.5	10956
21-23	34.1	22.1	15.3	26.5	2.0	43.8	.6	10956
ALL HOURS	29.6	23.5	19.0	26.3	1.7	46.9	.6	87665

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

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, WET BULB 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.

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100						.1	.1						.0
GE 95						1.8	4.0	1.0	.1				.6
GE 90					.3	12.8	27.7	12.6	3.2				4.7
GE 85					3.2	32.3	58.3	43.2	15.0	.3			12.8
GE 80			.1	1.5	13.7	53.4	80.8	69.8	38.1	5.6			22.1
GE 75		.1	1.1	10.4	31.5	71.2	92.4	87.2	60.0	19.4	.1		31.4
GE 70	.3	1.3	4.6	22.5	50.5	84.9	97.6	95.1	75.1	38.4	4.3	.5	39.8
GE 65	2.0	4.7	12.3	37.5	67.6	92.6	99.1	97.9	84.7	54.9	14.0	2.6	47.7
GE 60	8.7	13.0	26.3	53.6	80.3	95.7	99.7	99.3	90.9	70.4	28.3	10.6	56.6
GE 55	18.4	25.8	39.7	68.8	87.9	98.3	99.9	99.8	94.7	80.0	43.5	23.0	65.1
GE 50	33.9	40.3	53.9	79.9	93.5	99.4	100.0	100.0	97.2	88.5	57.3	37.2	73.5
GE 45	47.6	54.8	67.0	87.1	97.3	99.9			98.4	93.4	68.8	51.8	80.6
GE 40	60.7	67.9	76.9	92.5	99.0	100.0			99.3	96.8	79.8	65.0	86.5
GE 35	72.8	77.3	85.1	95.9	99.9				99.8	98.8	87.5	77.1	91.2
GE 33	76.7	81.0	87.4	97.2	100.0				99.9	99.2	89.4	81.4	92.7
GE 30	82.4	86.4	90.9	99.0					100.0	99.6	93.5	86.2	94.8
GE 25	88.3	93.2	96.1	99.7						99.8	97.4	92.7	97.3
GE 20	93.8	96.2	98.7	100.0						100.0	99.5	95.9	98.7
GE 15	96.2	97.8	99.3								99.8	97.7	99.2
GE 10	97.5	98.7	99.8								99.9	98.8	99.6
GE 5	98.7	99.4	99.9								100.0	99.7	99.8
GE 0	99.8	99.8	100.0									99.9	100.0
GE -5	99.9	99.8										100.0	100.0
GE -10	100.0	100.0											100.0
MEAN	42.0	44.8	49.5	59.4	68.2	79.1	84.8	82.3	74.8	64.2	50.7	43.9	62.1
SD	13.79	13.43	13.34	12.18	10.73	9.58	6.81	6.96	10.47	11.46	12.71	13.00	18.97
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909

MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 70							.1						.0
GE 65						.4	2.2						.3
GE 60					.1	6.4	27.1	14.6	2.0	.1			4.3
GE 55				.1	1.6	27.0	75.4	62.7	12.9	.3			15.2
GE 50			.1	1.2	10.9	65.4	97.3	93.1	41.0	2.5	.1		26.2
GE 45		.2	1.0	6.3	37.7	88.0	99.7	99.0	68.0	14.5	.5		34.8
GE 40	.4	.5	3.0	19.9	66.4	96.8	100.0	100.0	86.9	37.5	3.1	.6	43.1
GE 35	2.1	3.5	9.6	43.1	87.9	99.3			95.6	64.4	12.2	3.0	51.9
GE 33	3.4	6.1	15.4	54.3	92.4	99.9			97.4	73.4	18.9	5.0	55.7
GE 30	8.4	13.0	26.8	69.1	97.2	100.0			98.6	84.0	31.3	10.7	61.7
GE 25	23.8	30.9	51.2	85.3	99.4				99.9	94.1	53.5	27.0	72.2
GE 20	43.1	54.5	74.1	94.1	100.0				100.0	98.7	74.0	48.9	82.3
GE 15	61.6	73.0	85.6	98.5						99.7	87.4	68.9	89.6
GE 10	74.5	85.6	92.1	99.2						99.9	95.2	83.9	94.2
GE 5	83.3	91.6	96.1	99.6						100.0	98.1	91.2	96.7
GE 0	91.8	95.5	98.2	99.9							98.9	96.2	98.4
GE -5	96.0	97.8	99.0	100.0							99.6	98.4	99.2
GE -10	97.8	98.9	99.7								100.0	99.0	99.6
GE -15	99.2	99.6	99.9									99.7	99.9
GE -20	99.8	99.9	100.0									100.0	100.0
GE -2	99.9	99.9											100.0
GE -30	100.0	100.0											100.0
MEAN	16.1	19.2	23.8	32.8	42.1	51.2	57.0	55.5	47.2	36.8	24.7	18.3	35.5
SD	11.01	9.96	9.46	8.85	6.32	5.67	3.83	3.88	6.82	7.30	8.86	9.62	16.44
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.1						.0
GE 80						.7	1.5						.2
GE 75						7.9	24.5	.1	2.2				3.7
GE 70					1.5	30.8	66.4	50.3	11.7	.2			13.6
GE 65			.1	.7	10.5	58.9	91.7	85.0	38.5	2.5			24.2
GE 60			.7	6.7	33.4	80.1	98.6	96.4	65.5	16.8	.1	.1	33.4
GE 55		.5	2.9	19.9	57.9	92.6	99.6	99.3	82.1	36.0	2.5	.3	41.3
GE 50	1.6	3.5	10.8	40.1	78.3	97.4	100.0	99.9	91.7	61.1	12.1	2.4	50.1
GE 45	6.9	10.7	24.4	61.9	90.0	99.3		100.0	96.5	77.6	29.0	9.7	59.0
GE 40	19.0	27.4	43.8	78.0	96.6	100.0			98.5	88.7	46.4	23.5	68.6
GE 35	37.1	45.7	63.1	88.0	99.2				99.2	95.1	63.7	41.1	77.8
GE 33	44.3	53.5	69.7	91.5	99.6				99.4	97.1	70.9	49.1	81.3
GE 30	54.4	63.3	77.6	95.0	99.9				99.9	98.4	79.6	60.3	85.7
GE 25	69.7	77.3	87.3	97.9	100.0				100.0	99.6	89.8	76.0	91.5
GE 20	80.9	88.2	93.1	99.6						99.9	95.9	86.7	95.3
GE 15	87.7	94.0	97.1	99.9						99.9	98.7	92.9	97.5
GE 10	93.7	96.5	98.7	100.0						100.0	99.5	96.9	98.8
GE 5	96.6	98.1	99.4								99.9	98.3	99.4
GE 0	98.4	99.2	99.9								100.0	99.2	99.7
GE -5	99.2	99.5	100.0									99.8	99.9
GE -10	99.8	99.9										99.9	100.0
GE -15	100.0	100.0										100.0	100.0
MEAN	29.3	32.2	36.9	46.3	55.4	65.4	71.1	69.1	61.2	50.7	37.9	31.3	49.0
SD	11.77	11.01	10.62	9.39	7.86	7.08	4.65	4.64	7.94	8.68	10.03	10.70	17.30
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									86	81	72	66	86*
43	62	69	75	77	84	93	96	90	84	77	68	62	96
44	62	64	64	64	81	92	93	94	87	78	68	61	94
45	60	66	72	75	85	87	94	93	95	80	77	59	95
46	63	64	78	78	75	94	96	94	92	82	65	66	96
47	63	65	68	75	86	89	96	95	92	86	59	66	96
48	63	62	65				91	92	90	80	70	64	92*
49	62	64	65	81	81	90	91	91	90	77	73	68	91
50	69	65	67	77	83	89	88	89	86	83	71	63	89
51	66	72	65	75	88	90	96	91	86	79	67	65	96
52	57	63	64	73	81	94	93	92	92	79	71	67	94
53	67	65	71	78	82	94	97	90	89	80	70	58	97
54	65	71	68	80	88	100	100	99	90	83	71	65	100
55	54	61	73	79	83	89	94	92	89	82	72	77	94
56	69	66	73	77	85	95	94	92	90	83	73	68	95
57	62	70	64	69	77	92	98	91	86	80	69	70	98
58	61	70	68	75	87	94	95	93	92	83	74	66	95
59	64	64	69	79	83	91	94	94	94	79	70	68	94
60	66	59	73	81	82	96	97	94	94	80	68	65	97
61	62	68	66	77	87	92	93	89	83	78	65	59	93
62	63	71	71	79	86	92	91	96	89	84	66	63	96
63	66	76	80	78	87	98	99	96	87	83	71	60	99
64	59	58	69	79	92	91	99	95	92	86	74	71	99
65	62	61	66	78	81	87	91	89	83	79	70	68	91
66	55	52	76	77	87	91	96	92	87	76	66	62	96
67	65	63	76	77	86	83	90	91	83	84	73	59	91
68	63	60	73	74	81	97	91	86	85	81	67	63	97
69	64	64	72	80	86	92	96	96	86	81	68	63	96
70	67	68	64	77	88	94	92	91	87	77	68	65	94
71	67	63	81	74	80	95	98	87	90	79	72	67	98
72	62	71	73	79	82	87	96	90	83	80	55	53	96
73	58	59	63	74	80	91	97	92	85	80	74	71	97
74	72	63	74	80	91	96	94	93	90	80	69	60	96
75	63	63	70	80	79	93	91	93	90	82	73	66	93

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	64	67	73	73	82	92	96	88	88	78	72	62	96
77	56	64	66	80	81	92	95	91	92	81	72	63	95
78	54	59	75	79	87	95	96	92	87	83	76	56	96
79	46	70	65	79	82	90	94	96	92	86	67	63	96
80	61	67	65	80	80	96	96	97	89	81	77	75	97
81	65	70	71	83	81	95	92	91	85	76	78	67	98
82	68	69	64	80	78	89	95	88	90	76	63	69	95
83	63	60	68	74	82	93	96	90	92	77	74	57	96
84	61	65	67	75	93	90	95	87	88	73	74	64	95
85	63	65	70	80	84	95	97	93	89	78	68	57	97
86	71	72	76	79	84	92	94	95	82	74	69	57	95
87	66	65	65	80	82	89	95	93	85	80	70	68	95
88	62	62	76	80	86	93	95	92	90	80	71	69	95
89	70	69	78	83	91	94	97	90	91				97*

GREATEST	72	76	81	83	93	100	100	99	95	86	78	77	100
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103

THE GREATEST VALUE OF 100 OCCURRED ON 06/23/54

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42									26	24	17	9	9*
43	-15	13	-13	31	29	36	53	50	36	24	11	10	-15
44	4	3	7	21	26	42	51	44	37	31	6	4	3
45	-5	5	7	7	32	34	42	47	25	16	7	-4	-5
46	0	8	15	30	26	39	52	48	32	17	7	-3	-3
47	0	-1	-5	20	32	33	50	51	35	24	-2	1	-5
48	-18	-8	-16				52	48	37	17	1	2	-18*
49	-11	-5	9	17	33	42	52	48	40	20	22	-4	-11
50	-11	7	-3	16	26	37	49	45	42	31	-7	0	-11
51	-26	-27	7	13	32	32	43	48	29	23	-8	-2	-27
52	4	2	1	19	33	46	42	51	38	20	-7	-1	-7
53	4	-5	11	15	23	47	52	45	39	26	11	1	-5
54	-1	9	-1	21	21	34	55	45	39	18	14	3	-1
55	-1	-6	2	20	33	38	49	46	37	20	-8	3	-8
56	-11	-2	-11	18	33	47	50	43	38	20	5	-2	-11
57	-3	13	14	0	31	40	52	50	33	23	-2	10	-3
58	3	12	1	22	37	43	47	46	34	24	-1	9	-1
59	-21	-10	10	-3	33	42	48	46	26	20	-5	4	-21
60	-4	-11	-8	21	29	43	49	43	38	21	10	7	-11
61	0	6	10	15	30	38	44	49	28	22	11	-13	-13
62	-20	-16	5	19	23	39	50	44	33	29	13	1	-20
63	-21	3	5	26	35	47	55	53	40	27	20	-7	-21
64	-2	-5	-1	20	28	40	50	43	34	24	14	-4	-5
65	8	-5	-7	28	31	40	49	45	27	29	16	1	-7
66	-10	-5	7	13	27	40	55	47	37	23	11	-4	-10
67	1	7	3	23	24	45	47	43	39	23	7	0	0
68	0	9	8	14	27	39	46	43	35	22	10	-1	-1
69	0	7	0	26	34	36	52	52	40	5	8	-2	-2
70	-8	11	11	13	24	35	54	54	30	19	8	4	-8
71	-16	0	7	18	31	45	49	49	25	11	6	2	-16
72	-11	1	7	23	27	50	47	43	37	17	-1	-16	-16
73	-8	9	20	15	30	39	49	51	37	26	15	-3	-8
74	-8	4	10	18	32	37	49	47	32	29	6	-4	-8
75	-11	-7	3	4	29	33	50	47	36	18	1	5	-11

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	-5	3	2	22	31	42	52	48	33	16	-8	0	-8
77	-2	6	13	19	38	49	50	47	38	22	8	6	-2
78	3	-1	-3	25	22	41	52	43	31	27	15	-14	-14
79	-13	4	15	12	30	37	51	48	35	18	2	6	-13
80	-5	4	-3	21	33	43	54	50	37	19	6	13	-5
81	13	-13	19	19	29	42	52	50	42	25	14	0	-13
82	-7	-19	8	18	26	40	48	51	38	23	11	-2	-19
83	11	11	6	9	30	36	50	53	26	28	10	-17	-17
84	-20	10	6	17	28	42	50	50	26	18	8	6	-20
85	-12	-16	7	18	34	38	48	50	22	23	3	-6	-16
86	11	-7	15	24	32	41	52	50	34	20	10	-6	-7
87	-11	7	3	19	37	41	48	44	39	23	11	-4	-11
88	-4	-2	6	18	26	38	50	48	32	24	10	4	-4
89	2	-17	0	8	31	42	53	50	34				-17*

LEAST	-26	-27	-16	-3	21	32	42	43	22	5	-8	-17	-27
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103

THE LEAST VALUE OF -27 OCCURRED ON 02/01/51

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS CO
LST TO UTC: +07

PERIOD OF RECORD: 4209-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	30	38	36	48	55	65	72	68	60	46	36	33	49
77	27	35	37	49	59	68	72	69	64	52	39	35	50
78	25	28	41	49	53	67	73	68	63	52	37	22	48
79	17	33	38	49	54	65	71	68	65	52	32	34	48
80	27	35	36	45	54	70	76	71	63	50	40	40	50
81	35	35	40	54	55	70	72	67	64	51	44	33	52
82	30	30	38	46	53	60	70	69	59	48	36	30	48
83	33	35	36	40	51	61	73	72	64	52	38	19	48
84	26	34	36	42	58	65	72	69	60	43	39	33	48
85	25	27	38	49	57	65	71	70	58	49	32	28	48
86	38	35	45	49	55	66	71	68	59	48	38	30	50
87	30	33	36	49	56	65	71	66	60	51	39	39	49
88	24	32	36	48	57	69	71	71	61	53	39	30	49
89	33	22	44	49	58	62	72	69	61				53*
.....													
MEAN	29.3	32.2	36.9	46.3	55.4	65.4	71.1	69.1	61.2	50.7	37.9	31.3	49.0
.....													
TOTAL OBS	1457	1328	1454	1380	1426	1380	1457	1457	1440	1457	1410	1457	17103
.....													

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
				LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
00-02	24.5	10.958	930	28	711	0	0	0	930
03-05	23.7	11.115	929	28	741	0	0	0	929
06-08	23.9	11.458	930	28	721	0	0	0	930
09-11	33.2	13.503	930	10	421	1	0	0	930
12-14	38.6	14.338	930	3	289	14	0	0	930
15-17	36.8	14.070	930	9	325	8	0	0	930
18-20	28.7	11.777	930	16	565	0	0	0	930
21-23	26.0	11.186	930	25	677	0	0	0	930
ALL HOURS	29.4	13.584	7439	147	4450	23	0	0	7439

MONTH: FEB

00-02	25.1	12.350	848	52	635	0	0	0	848
03-05	24.4	12.366	849	56	651	0	0	0	849
06-08	25.2	12.505	849	50	615	0	0	0	849
09-11	34.6	15.060	848	24	373	2	0	0	848
12-14	39.9	16.099	849	20	267	30	0	0	849
15-17	39.6	16.147	849	20	267	24	0	0	849
18-20	31.3	13.544	849	31	421	0	0	0	849
21-23	27.2	12.563	849	41	543	0	0	0	849
ALL HOURS	30.9	15.191	6790	294	3772	56	0	0	6790

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	31.7	9.312	930	0	519	0	0	0	930
03-05	30.1	9.393	930	1	582	0	0	0	930
06-08	31.9	10.075	930	2	517	0	0	0	930
09-11	41.3	12.153	929	0	241	24	0	0	929
12-14	46.6	12.975	930	0	161	67	0	0	930
15-17	46.9	13.158	930	0	157	76	0	0	930
18-20	39.5	10.918	930	0	248	8	0	0	930
21-23	34.5	9.431	930	0	389	0	0	0	930
ALL HOURS	37.8	12.685	7439	3	2814	175	0	0	7439

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	38.9	9.244	899	0	232	1	0	0	899
03-05	36.7	9.166	900	0	285	1	0	0	900
06-08	41.1	11.265	900	0	205	21	0	0	900
09-11	51.4	12.965	899	0	83	160	0	0	899
12-14	56.5	13.185	900	0	50	278	10	0	900
15-17	56.2	13.207	900	0	45	276	9	0	900
18-20	49.0	11.868	900	0	88	85	0	0	900
21-23	42.6	9.920	900	0	148	2	0	0	900
ALL HOURS	46.5	13.593	7198	0	1136	824	19	0	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	47.2	6.736	930	0	11	11	0	0	930
03-05	45.1	6.627	929	0	19	3	0	0	929
06-08	50.8	9.026	930	0	9	79	0	0	930
09-11	59.5	10.719	930	0	3	307	19	0	930
12-14	63.7	10.879	929	0	1	483	52	0	929
15-17	63.4	10.794	929	0	0	479	45		929
18-20	57.3	9.410	930	0	0	206	5	0	930
21-23	50.8	7.482	930	0	2	36	0	0	930
ALL HOURS	54.7	11.337	7437	0	45	1604	121	0	7437

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	56.6	6.473	900	0	0	107	0	0	900
03-05	53.9	6.076	900	0	0	46	0	0	900
06-08	60.9	8.498	900	0	0	282	17	0	900
09-11	70.4	9.793	898	0	0	657	188	1	898
12-14	75.0	10.062	900	0	0	762	316	12	900
15-17	74.1	10.117	900	0	0	731	290	5	900
18-20	67.7	8.932	900	0	0	571	87	0	900
21-23	60.8	6.884	900	0	0	274	2	0	900
ALL HOURS	64.9	11.328	7198	0	0	3430	900	18	7198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	62.6	4.519	929	0	0	296	0	0	929
03-05	59.5	4.302	930	0	0	122	0	0	930
06-08	66.8	6.867	930	0	0	546	40	0	930
09-11	77.4	7.487	930	0	0	877	411	1	930
12-14	81.9	7.592	929	0	0	901	618	34	929
15-17	80.6	8.558	930	0	0	882	545	40	930
18-20	73.8	7.743	930	0	0	804	229	3	930
21-23	66.6	5.311	930	0	0	582	4	0	930
ALL HOURS	71.1	10.358	7438	0	0	5010	1847	78	7438

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	60.8	4.387	930	0	0	190	0	0	930
03-05	58.5	4.233	930	0	0	74	0	0	930
06-08	63.4	6.524	930	0	0	386	8	0	930
09-11	74.0	7.354	929	0	0	829	223	0	929
12-14	78.3	7.346	930	0	0	878	461	9	930
15-17	76.7	7.894	929	0	0	846	368	7	929
18-20	69.7	6.862	930	0	0	715	73	0	930
21-23	63.8	5.081	930	0	0	390	1	0	930
ALL HOURS	68.2	9.521	7438	0	0	4308	1134	16	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	52.9	7.884	900	0	16	48	0	0	900
03-05	50.9	7.704	900	0	21	23	0	0	900
06-08	54.4	9.330	900	0	21	123	0	0	900
09-11	65.6	11.232	900	0	14	551	54	0	900
12-14	70.7	11.384	900	0	8	676	207	0	900
15-17	70.1	11.114	899	0	6	669	175	0	899
18-20	61.1	9.535	897	0	12	356	8	0	897
21-23	55.6	8.158	897	0	11	118	0	0	897
ALL HOURS	60.2	12.131	7193	0	109	2564	444	0	7193

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	41.6	7.724	930	0	123	1	0	0	930
03-05	40.4	8.043	930	0	158	0	0	0	930
06-08	42.9	9.328	930	0	130	8	0	0	930
09-11	54.5	11.475	9	0	39	194	2	0	929
12-14	59.8	11.879	930	0	18	382	15	0	930
15-17	58.6	11.672	930	0	21	326	9	0	930
18-20	48.8	8.964	930	0	42	25	0	0	930
21-23	43.9	7.848	930	0	82	2	0	0	930
ALL HOURS	48.8	12.232	7439	0	613	938	26	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	31.2	9.819	900	0	511	0	0	0	900
03-05	30.0	9.827	900	0	539	0	0	0	900
06-08	30.9	10.266	900	0	509	0	0	0	900
09-11	41.9	12.941	900	0	228	22	0	0	900
12-14	46.9	13.901	900	0	165	84	0	0	900
15-17	44.5	13.685	899	0	200	66	0	0	899
18-20	35.7	11.178	899	0	376	1	0	0	899
21-23	32.1	10.167	900	0	481	0	0	0	900
ALL HOURS	36.6	13.190	7198	0	3009	173	0	0	7198

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
00-02	25.3	11.777	930	25	665	0	0	0	930
03-05	25.1	11.741	930	22	685	0	0	0	930
06-08	25.5	12.008	929	28	669	0	0	0	929
09-11	34.1	14.214	930	16	408	4	0	0	930
12-14	38.8	15.023	930	10	301	21	0	0	930
15-17	36.0	14.472	930	15	360	7	0	0	930
18-20	28.3	12.248	930	23	586	0	0	0	930
21-23	26.1	12.017	930	22	655	0	0	0	930
ALL HOURS	29.9	14.017	7439	161	4329	32	0	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	41.6	16.235	10956	105	3423	654	0	0	10956
03-05	39.9	15.610	10957	107	3681	269	0	0	10957
06-08	43.2	18.114	10958	108	3396	1445	65	0	10958
09-11	53.3	19.498	10952	50	1810	3628	897	2	10952
12-14	58.2	19.614	10957	33	1260	4576	1679	55	10957
15-17	57.0	19.739	10955	44	1381	4390	1441	52	10955
18-20	49.3	18.991	10955	70	2338	2771	402	3	10955
21-23	44.2	17.149	10956	88	2988	1404	7	0	10956
ALL HOURS	48.3	19.365	87646	605	20277	19137	4491	112	87646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	20.5	8.821	930	890	0	0	0	0	930
03-05	19.8	8.927	929	888	0	0	0	0	929
06-08	19.8	9.135	930	885	0	0	0	0	930
09-11	26.2	9.583	930	668	0	0	0	0	930
12-14	29.6	9.556	930	521	0	0	0	0	930
15-17	28.7	9.580	930	562	0	0	0	0	930
18-20	23.6	9.014	930	812	0	0	0	0	930
21-23	21.8	8.831	930	860	0	0	0	0	930
ALL HOURS	23.7	9.909	7439	6086	0	0	0	0	7439

MONTH: FEB

00-02	21.4	10.325	848	784	0	0	0	0	848
03-05	20.7	10.265	849	786	0	0	0	0	849
06-08	21.1	10.203	848	788	0	0	0	0	848
09-11	27.4	10.810	848	548	0	0	0	0	848
12-14	30.7	10.808	849	424	1	0	0	0	849
15-17	30.6	10.883	849	404	0	0	0	0	849
18-20	25.7	10.332	849	625	0	0	0	0	849
21-23	23.0	10.245	849	738	0	0	0	0	849
ALL HOURS	25.1	11.158	6789	5097	1	0	0	0	6789

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	27.1	6.803	930	734	0	0	0	0	930
03-05	25.9	7.006	930	794	0	0	0	0	930
06-08	27.0	7.165	930	729	0	0	0	0	930
09-11	32.7	7.348	928	430	1	0	0	0	928
12-14	35.5	7.276	930	291	6	0	0	0	930
15-17	35.6	7.352	930	286	5	0	0	0	930
18-20	31.8	6.728	930	473	0	0	0	0	930
21-23	29.0	6.612	930	629	0	0	0	0	930
ALL HOURS	30.6	7.904	7438	4366	12	0	0	0	7438

MONTH: APR

00-02	33.1	6.817	899	398	0	0	0	0	899
03-05	31.5	7.075	900	463	0	0	0	0	900
06-08	34.1	7.798	900	369	5	0	0	0	900
09-11	39.4	7.587	899	189	66	0	0	0	899
12-14	41.8	7.283	900	128	132	0	0	0	900
15-17	41.7	7.222	899	124	115	0	0	0	899
18-20	38.4	7.093	900	200	14	0	0	0	900
21-23	35.4	6.921	900	293	3	0	0	0	900
ALL HOURS	36.9	8.126	7197	2164	335	0	0	0	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	41.7	5.241	929	46	47	0	0	0	929
03-05	40.2	5.244	929	87	29	0	0	0	929
06-08	43.4	5.927	930	36	158	0	0	0	930
09-11	47.3	5.864	930	9	366	0	0	0	930
12-14	49.0	5.448	929	6	483	0	0	0	929
15-17	48.9	5.298	929	6	467	0	0	0	929
18-20	46.6	5.393	930	10	326	0	0	0	930
21-23	43.8	5.249	930	28	124	0	0	0	930
ALL HOURS	45.1	6.283	7436	228	2000	0	0	0	7436

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	49.4	4.645	899	0	481	0	0	0	899
03-05	47.8	4.816	900	0	355	0	0	0	900
06-08	51.5	5.098	900	0	618	0	0	0	900
09-11	55.4	4.851	898	0	769	0	0	0	898
12-14	56.6	4.370	900	0	823	0	0	0	900
15-17	56.2	4.067	900	0	841	0	0	0	900
18-20	54.4	4.248	900	0	775	0	0	0	900
21-23	51.6	4.304	900	0	645	0	0	0	900
ALL HOURS	52.9	5.472	7197	0	5307	0	0	0	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660 STATION NAME: PETERSON AFB/COLORADO SPRINGS PERIOD OF RECORD: OCT 79 - SEP 89
LST TO UTC: + 7 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.0	3.041	929	0	842	0	0	0	929
03-05	52.4	3.277	930	0	765	0	0	0	930
06-08	55.9	3.275	929	0	877	0	0	0	929
09-11	59.8	2.832	930	0	925	5	0	0	930
12-14	60.8	2.764	929	0	927	6	0	0	929
15-17	60.1	2.501	929	0	927	1	0	0	929
18-20	58.3	2.703	929	0	927	0	0	0	929
21-23	55.9	2.870	930	0	904	0	0	0	930
ALL HOURS	57.1	4.021	7435	0	7094	12	0	0	7435

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	54.5	3.021	930	0	861	0	0	0	930
03-05	52.9	3.109	930	0	782	0	0	0	930
06-08	55.4	3.640	930	0	860	0	0	0	930
09-11	59.7	2.915	928	0	923	2	0	0	928
12-14	61.0	2.818	929	0	927	8	0	0	929
15-17	60.4	2.657	928	0	928	5	0	0	928
18-20	58.3	2.823	930	0	928	1	0	0	930
21-23	56.0	2.998	930	0	909	0	0	0	930
ALL HOURS	57.3	4.139	7435	0	7118	16	0	0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.2	5.989	900	34	261	0	0	0	900
03-05	44.9	5.895	899	41	189	0	0	0	899
06-08	46.8	6.441	900	32	330	0	0	0	900
09-11	51.8	6.293	899	15	664	0	0	0	899
12-14	53.6	5.797	900	10	739	0	0	0	900
15-17	53.3	5.616	899	11	732	0	0	0	899
18-20	50.1	5.929	896	15	559	0	0	0	896
21-23	47.6	5.866	897	22	368	0	0	0	897
ALL HOURS	49.3	6.784	7190	180	3842	0	0	0	7190

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	35.9	5.920	930	267	2	0	0	0	930
03-05	34.9	5.965	930	308	0	0	0	0	930
06-08	36.2	6.471	930	261	1	0	0	0	930
09-11	42.5	6.498	929	93	97	0	0	0	929
12-14	44.9	6.251	930	58	246	0	0	0	930
15-17	44.3	6.246	930	57	204	0	0	0	930
18-20	39.7	5.854	930	132	15	0	0	0	930
21-23	37.1	5.851	930	216	4	0	0	0	930
ALL HOURS	39.4	7.159	7439	1392	569	0	0	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F	TOTAL			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	26.5	7.314	900	698	0	0	0	0	900
03-05	25.6	7.376	900	731	0	0	0	0	900
06-08	26.1	7.672	900	707	0	0	0	0	900
09-11	32.8	8.225	900	419	2	0	0	0	900
12-14	35.4	8.250	900	332	11	0	0	0	900
15-17	34.1	8.297	899	379	6	0	0	0	899
18-20	29.3	7.709	899	577	0	0	0	0	899
21-23	27.0	7.473	900	683	0	0	0	0	900
ALL HOURS	29.6	8.609	7198	4526	19	0	0	0	7198

MONTH: DEC

00-02	21.3	9.383	930	850	0	0	0	0	930
03-05	21.1	9.293	930	852	0	0	0	0	930
06-08	21.3	9.468	929	852	0	0	0	0	929
09-11	27.1	9.972	929	644	0	0	0	0	929
12-14	30.1	10.027	930	488	0	0	0	0	930
15-17	28.6	10.066	930	567	0	0	0	0	930
18-20	23.7	9.566	930	797	0	0	0	0	930
21-23	22.0	9.594	930	843	0	0	0	0	930
ALL HOURS	24.4	10.235	7438	5893	0	0	0	0	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	36.1	14.113	10954	4701	2494	0	0	0	10954
03-05	34.9	13.827	10956	4950	2120	0	0	0	10956
06-08	36.6	14.952	10956	4659	2849	0	0	0	10956
09-11	41.9	14.274	10948	3015	3813	7	0	0	10948
12-14	44.1	13.545	10956	2258	4295	14	0	0	10956
15-17	43.6	13.639	10952	2396	4225	6	0	0	10952
18-20	40.1	14.475	10953	3641	3544	1	0	0	10953
21-23	37.6	14.313	10956	4312	2957	0	0	0	10956
ALL HOURS	39.4	14.538	87631	29932	26297	28	0	0	87631

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	9.7	9.038	930	922	0	930	0	930
03-05	8.7	9.252	929	923	0	929	0	929
06-08	8.3	9.296	930	923	0	930	0	930
09-11	11.1	8.720	930	920	0	930	0	930
12-14	11.8	8.852	930	918	0	930	0	930
15-17	12.4	8.662	930	917	0	930	0	930
18-20	11.8	8.944	930	915	0	930	0	930
21-23	10.9	9.113	930	918	0	930	0	930
ALL HOURS	10.6	9.123	7439	7356	0	7439	0	7439

MONTH: FEB

00-02	11.9	11.013	848	825	0	848	0	849
03-05	10.7	11.053	849	830	0	849	0	849
06-08	10.3	11.014	848	835	0	848	0	849
09-11	12.8	10.278	848	827	0	848	0	849
12-14	13.4	9.559	849	825	0	849	0	849
15-17	13.9	9.344	849	818	0	849	0	849
18-20	13.6	10.112	849	819	0	849	0	849
21-23	12.9	10.645	849	820	0	849	0	849
ALL HOURS	12.4	10.499	6789	6599	0	6789	0	6789

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	17.6	7.654	930	839	0	930	0	930
03-05	16.7	7.671	930	863	0	930	0	930
06-08	16.9	7.682	930	866	1	930	0	930
09-11	17.5	7.419	928	855	2	928	0	928
12-14	17.1	7.521	930	854	0	930	0	930
15-17	17.1	7.548	930	860	1	930	0	930
18-20	17.9	7.722	930	837	1	930	0	930
21-23	18.2	7.647	930	824	0	930	0	930
ALL HOURS	17.4	7.652	7438	6798	5	7438	0	7438

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	23.1	8.971	899	605	58	899	0	900
03-05	22.2	9.182	900	635	48	900	0	900
06-08	22.5	9.351	900	637	62	900	0	900
09-11	21.4	9.739	899	665	66	899	0	900
12-14	20.6	9.837	900	690	61	900	0	900
15-17	20.7	10.177	899	657	65	899	0	900
18-20	22.3	9.794	900	612	59	900	0	900
21-23	23.9	9.167	900	578	81	900	0	900
ALL HOURS	22.1	9.610	7197	5079	500	7197	0	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	34.7	8.383	929	169	434	929	0	929
03-05	33.6	8.219	929	185	365	929	0	929
06-08	34.5	8.245	930	165	417	930	0	930
09-11	33.4	9.309	930	213	382	930	0	930
12-14	32.4	9.799	929	264	354	929	0	929
15-17	32.5	9.655	929	245	352	929	0	929
18-20	34.2	9.786	930	190	447	930	0	930
21-23	35.2	8.937	930	163	491	930	0	930
ALL HOURS	33.8	9.138	7436	1594	3242	7436	0	7436

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	42.1	8.477	899	69	719	891	0	900
03-05	41.3	8.155	900	70	703	896	0	900
06-08	42.7	7.842	900	52	729	889	0	900
09-11	41.9	8.989	898	64	683	881	0	900
12-14	40.3	9.215	900	95	641	887	0	900
15-17	40.3	8.676	900	76	644	883	0	900
18-20	42.3	8.252	900	59	725	885	0	900
21-23	42.7	8.273	900	62	731	887	0	900
ALL HOURS	41.7	8.571	7197	547	5575	7099	0	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	46.5	6.307	929	4	846	879	0	929
03-05	45.8	6.175	930	3	844	898	0	930
06-08	46.7	6.113	929	8	867	899	0	929
09-11	45.5	7.666	930	34	819	880	0	930
12-14	44.0	8.544	929	51	744	880	0	929
15-17	43.6	8.246	929	46	742	881	0	929
18-20	45.6	7.288	929	13	817	863	0	929
21-23	46.7	6.668	930	5	855	852	0	930
ALL HOURS	45.6	7.298	7435	164	6534	7032	0	7435

MONTH: AUG

00-02	49.0	5.702	930	0	913	813	0	929
03-05	47.9	5.716	930	0	903	870	0	929
06-08	48.8	5.434	930	0	915	841	0	929
09-11	48.9	6.268	928	1	897	796	0	929
12-14	48.0	7.124	929	5	867	789	0	929
15-17	48.0	7.081	928	10	862	801	0	929
18-20	49.3	6.201	930	2	901	779	0	929
21-23	49.5	5.987	930	1	909	794	0	929
ALL HOURS	48.7	6.285	7435	19	7167	6483	0	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	39.0	8.369	900	85	606	897	0	900
03-05	38.1	8.258	899	101	569	896	0	899
06-08	38.5	8.226	900	92	585	897	0	900
09-11	38.2	8.913	899	116	550	891	0	899
12-14	37.2	8.917	900	141	495	895	0	900
15-17	37.1	8.930	899	130	487	896	0	899
18-20	38.9	8.564	896	83	562	894	0	896
21-23	39.0	8.304	897	82	588	895	0	897
ALL HOURS	38.2	8.620	7190	830	4445	7161	0	7190

MONTH: OCT

00-02	26.9	8.207	930	478	119	930	0	930
03-05	26.1	8.163	930	538	98	930	0	930
06-08	26.1	8.143	930	532	106	930	0	930
09-11	26.6	8.400	929	511	128	929	0	930
12-14	25.8	8.329	930	545	107	930	0	930
15-17	26.1	8.468	930	531	111	930	0	930
18-20	27.0	8.222	930	489	114	930	0	930
21-23	27.1	8.349	930	495	129	930	0	930
ALL HOURS	26.5	8.327	7439	4119	908	7439	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	16.6	8.059	900	817	6	900	0	900
03-05	15.9	8.110	900	823	5	900	0	900
06-08	15.8	8.062	900	845	6	900	0	900
09-11	17.0	7.987	900	826	6	900	0	900
12-14	16.3	8.007	900	841	3	900	0	900
15-17	16.5	7.840	899	825	4	899	0	899
18-20	17.0	7.772	899	808	7	899	0	899
21-23	16.6	7.868	900	813	7	900	0	900
ALL HOURS	16.5	8.015	7198	6598	44	7198	0	7198

MONTH: DEC

00-02	11.3	9.316	930	912	0	930	0	930
03-05	10.8	9.230	930	915	0	930	0	930
06-08	10.4	9.274	929	924	0	929	0	930
09-11	12.8	8.891	929	916	0	929	0	930
12-14	13.6	8.866	930	904	0	930	0	930
15-17	14.0	9.233	930	895	0	930	0	930
18-20	13.1	9.405	930	902	0	930	0	930
21-23	12.0	9.300	930	915	0	930	0	930
ALL HOURS	12.3	9.305	7438	7283	0	7438	0	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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	27.5	16.159	10954	5725	3701	10776	0	10954
03-05	26.6	16.138	10956	5886	3535	10857	0	10956
06-08	26.9	16.566	10956	5879	3691	10823	0	10956
09-11	27.4	15.804	10948	5948	3533	10741	0	10948
12-14	26.8	15.322	10956	6133	3268	10749	0	10956
15-17	26.9	15.120	10952	6010	3268	10757	0	10952
18-20	27.8	15.719	10953	5729	3633	10719	0	10953
21-23	28.0	16.030	10956	5676	3791	10727	0	10956
ALL HOURS	27.2	15.870	87631	46986	28420	86149	0	87631

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JAN

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO						90%	MEAN	TOTAL OBS
			30%	40%	50%	60%	70%	80%			
00-02	100.0	97.8	89.1	75.2	55.9	35.3	18.7	5.8	1.8	52.6	930
03-05	100.0	97.4	87.8	72.4	52.0	36.8	20.5	7.0	1.2	52.1	929
06-08	99.9	97.8	85.3	69.6	51.1	32.7	19.9	7.3	2.0	51.0	930
09-11	98.5	88.8	65.9	46.8	30.6	19.7	11.9	4.5	.8	41.3	930
12-14	96.3	77.7	53.1	34.6	22.4	16.1	7.5	1.7	.2	35.6	930
15-17	97.3	82.0	62.5	42.2	25.9	18.1	10.3	3.3	1.1	38.7	930
18-20	99.9	94.4	82.8	69.7	47.5	30.9	17.4	5.6	2.3	49.5	930
21-23	99.9	97.1	87.1	75.5	55.7	36.3	19.9	7.4	2.6	52.8	930
ALL HOURS	99.0	91.7	76.7	60.7	42.6	28.2	15.8	5.3	1.5	52.8	7439

MONTH: FEB

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	99.3	93.4	78.2	58.8	44.2	30.1	15.9	5.8	57.1	848
03-05	99.8	98.4	91.0	75.9	58.7	41.2	28.9	13.7	5.2	55.9	849
06-08	100.0	97.9	88.0	72.5	50.8	35.4	24.9	12.5	5.8	53.4	848
09-11	98.8	87.9	63.3	47.8	33.4	25.2	17.2	10.6	5.3	43.5	848
12-14	97.2	76.7	52.7	35.7	26.0	18.1	12.2	7.8	3.2	37.4	849
15-17	97.3	76.9	55.8	40.4	28.5	19.9	12.8	7.3	3.3	38.8	849
18-20	99.9	94.6	79.3	61.2	45.3	33.1	21.2	10.5	4.9	49.5	849
21-23	100.0	98.0	89.8	75.4	53.6	41.5	27.4	14.3	5.4	55.2	849
ALL HOURS	99.1	91.2	76.7	60.9	44.4	32.3	21.8	11.6	4.9	55.2	6789

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	98.0	87.6	77.5	64.9	49.9	28.6	12.7	3.8	57.0	930
03-05	100.0	98.1	88.3	78.6	66.8	51.5	31.4	14.1	4.6	58.2	930
06-08	100.0	95.9	86.1	73.8	60.0	44.8	27.0	11.9	4.3	55.2	930
09-11	99.6	82.4	62.4	44.7	33.3	23.7	15.4	6.7	1.7	41.5	928
12-14	97.0	68.8	46.5	32.9	25.7	16.5	11.3	4.0	1.3	34.8	930
15-17	95.1	68.7	45.4	33.0	24.7	17.0	12.0	3.4	.5	34.6	930
18-20	98.8	86.7	69.1	52.7	39.9	28.7	16.7	6.1	1.5	44.7	930
21-23	100.0	95.8	82.7	70.3	55.2	39.2	23.5	9.5	3.1	52.7	930
ALL HOURS	98.8	86.8	71.0	57.9	46.3	33.9	20.7	8.6	2.6	52.7	7438

MONTH: APR

00-02	99.8	95.8	87.2	75.3	61.0	45.9	25.7	11.0	2.2	55.0	899
03-05	100.0	97.3	88.7	77.8	64.9	49.6	30.3	13.8	4.6	57.2	900
06-08	100.0	91.7	78.4	65.4	51.8	37.6	21.6	9.9	3.1	50.6	900
09-11	96.8	69.2	50.6	38.6	25.0	14.3	7.0	4.1	1.7	35.1	899
12-14	89.9	56.7	38.3	24.9	15.4	8.3	5.7	7.6	1.0	28.9	900
15-17	89.1	56.5	38.8	28.0	19.5	10.5	5.1	2.9	1.4	29.9	899
18-20	96.9	77.9	59.1	44.9	34.7	22.3	11.7	4.9	1.6	39.7	900
21-23	99.8	93.6	80.0	64.6	51.2	38.1	22.3	8.4	1.4	50.5	900
ALL HOURS	96.5	79.8	65.2	52.4	40.4	28.3	16.2	7.3	2.1	50.5	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	96.8	94.0	87.8	80.1	65.8	47.0	24.9	5.5	64.8	929
03-05	100.0	98.0	94.2	87.9	82.2	70.8	55.8	27.8	6.9	66.9	929
06-08	99.8	96.3	88.5	77.8	64.7	50.8	33.4	16.6	3.3	57.6	930
09-11	97.5	85.3	67.1	52.6	37.7	21.6	12.0	5.6	.9	42.6	930
12-14	94.2	77.1	56.0	37.8	24.2	14.2	8.4	4.2	.6	36.2	929
15-17	94.0	78.8	55.2	38.4	25.6	16.9	9.6	3.2	.5	36.8	929
18-20	97.4	88.5	76.5	61.0	44.0	30.8	18.4	7.3	1.4	47.0	930
21-23	99.7	94.8	89.6	82.2	68.6	53.7	35.2	17.7	2.5	58.9	930
ALL HOURS	97.8	89.4	77.6	65.7	53.4	40.6	27.5	13.4	2.7	58.9	7436

MONTH: JUN

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	99.7	96.3	92.0	85.9	76.2	60.3	40.0	21.1	5.7	62.1	899
03-05	100.0	98.9	92.7	88.9	80.7	67.1	47.6	28.4	6.9	65.5	900
06-08	99.8	97.2	87.4	74.9	59.8	44.8	25.8	13.4	3.4	55.2	900
09-11	97.6	86.1	68.0	47.8	29.8	17.1	7.3	2.7	.7	40.2	898
12-14	95.1	75.3	50.6	32.6	17.7	9.3	3.9	1.8	.2	33.2	900
15-17	96.2	76.0	52.3	33.3	19.2	12.0	6.8	3.0	.8	34.4	900
18-20	98.6	90.9	74.3	54.6	37.2	24.1	12.6	6.1	2.0	44.4	900
21-23	99.7	96.0	90.7	75.6	62.0	45.7	25.0	12.2	2.9	55.3	900
ALL HOURS	98.3	89.6	76.0	61.7	47.8	35.1	21.1	11.1	2.8	55.3	7197

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.5	96.0	84.8	66.4	47.4	27.9	12.6	4.0	58.2	929
03-05	100.0	100.0	97.8	91.5	77.5	57.1	35.4	19.8	4.9	62.7	930
06-08	100.0	98.6	89.5	72.9	52.4	32.7	17.4	8.6	2.2	51.7	929
09-11	98.1	86.2	61.6	34.9	20.5	9.4	4.1	1.3	.3	36.4	930
12-14	96.4	73.0	41.0	22.3	10.7	4.5	2.3	.8	.2	29.7	929
15-17	96.8	71.3	44.0	25.0	15.9	9.0	4.6	1.2	.1	31.3	929
18-20	99.5	88.6	67.4	45.3	29.5	18.0	9.4	4.0	1.1	40.8	929
21-23	100.0	98.8	90.4	69.7	50.9	34.3	19.5	9.0	3.4	51.9	930
ALL HOURS	98.8	89.5	73.5	55.8	40.5	26.6	15.1	7.2	2.0	51.9	7435

MONTH: AUG

00-02	100.0	100.0	99.2	94.2	81.1	65.3	48.8	31.5	14.0	67.7	930
03-05	100.0	100.0	99.5	96.0	86.9	70.2	51.4	35.2	15.9	70.1	930
06-08	100.0	99.9	97.7	88.1	71.3	51.9	35.5	21.2	8.9	61.9	930
09-11	99.9	95.4	79.2	55.1	34.3	19.8	11.0	4.5	1.6	44.5	928
12-14	99.8	88.1	62.4	39.1	22.8	12.8	6.6	2.7	1.0	38.1	929
15-17	99.9	88.8	64.9	44.8	28.3	17.5	9.1	3.0	1.0	40.4	928
18-20	100.0	98.1	87.6	69.9	52.9	33.7	21.4	10.6	3.1	52.2	930
21-23	100.0	99.9	96.8	88.0	72.2	56.5	38.2	23.8	8.0	62.6	930
ALL HOURS	99.9	96.3	85.9	71.9	56.2	41.0	27.7	16.6	6.7	62.6	7435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.2	93.4	85.1	72.7	56.0	38.4	23.9	8.7	62.3	900
03-05	100.0	99.4	94.9	87.3	75.6	60.2	42.3	27.9	11.0	64.6	899
06-08	100.0	98.9	92.8	78.6	62.2	46.7	33.2	20.8	9.7	58.8	900
09-11	100.0	85.1	62.8	43.5	29.4	20.2	13.1	7.8	3.7	41.4	899
12-14	99.6	71.9	46.6	28.9	18.9	13.8	8.0	5.1	2.7	34.2	900
15-17	99.2	73.3	49.7	30.5	19.6	13.6	8.6	6.0	2.1	34.8	899
18-20	99.9	96.4	77.7	58.6	39.7	27.9	18.3	11.7	3.3	47.9	896
21-23	100.0	99.1	91.8	78.5	61.1	42.6	28.5	16.9	6.0	57.1	897
ALL HOURS	99.8	90.4	76.2	61.4	47.4	35.1	23.8	15.0	5.9	57.1	7190

MONTH: OCT

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	98.5	92.5	78.4	64.5	47.6	30.1	15.1	4.5	57.8	930
03-05	100.0	98.3	93.3	78.4	62.4	48.4	33.4	16.8	5.8	58.4	930
06-08	100.0	97.4	87.4	70.2	53.2	39.6	25.8	13.3	5.7	53.9	930
09-11	98.5	80.3	57.1	39.4	25.6	16.5	11.3	7.1	2.7	38.4	929
12-14	96.3	65.8	41.0	25.1	15.4	10.9	7.5	4.7	.8	31.3	930
15-17	97.0	69.2	45.3	26.8	17.7	12.7	9.4	5.9	1.1	33.1	930
18-20	100.0	93.9	74.4	55.8	37.2	22.8	14.9	8.5	2.4	45.5	930
21-23	100.0	99.0	88.2	71.3	56.6	38.7	21.6	11.7	4.3	53.7	930
ALL HOURS	99.0	87.8	72.4	55.7	41.6	29.6	19.3	10.4	3.4	53.7	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	98.0	88.7	76.8	60.2	42.9	28.0	12.4	5.7	55.6	900
03-05	100.0	97.4	90.4	78.9	59.3	44.6	28.3	14.8	5.3	56.4	900
06-08	100.0	97.8	89.1	73.8	54.3	38.2	25.3	12.6	4.8	54.1	900
09-11	99.1	83.1	59.3	41.8	27.2	18.0	12.2	5.7	2.2	39.4	900
12-14	95.7	67.3	44.2	30.7	19.3	12.4	8.3	3.8	1.9	32.8	900
15-17	97.7	74.5	50.1	35.8	24.7	14.9	9.0	4.6	2.0	35.8	899
18-20	99.8	94.9	80.0	60.4	41.3	28.8	18.5	8.5	3.9	48.0	899
21-23	99.9	97.1	88.9	74.1	53.6	38.2	23.2	9.8	5.0	53.5	900
ALL HOURS	99.0	88.8	73.8	59.0	42.5	29.8	19.1	9.0	3.8	53.5	7198

MONTH: DEC

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	97.5	89.1	76.3	59.6	43.0	28.4	12.9	3.3	55.6	930
03-05	99.9	97.0	88.6	76.1	59.0	39.9	26.6	11.4	3.1	54.8	930
06-08	99.9	97.3	86.1	72.2	55.5	37.6	24.2	9.8	2.0	53.0	929
09-11	98.8	87.6	68.1	53.0	38.2	25.1	15.2	7.4	1.5	44.0	929
12-14	97.6	78.7	57.6	44.1	30.9	18.1	11.8	5.7	.9	39.0	930
15-17	98.4	85.5	68.1	51.4	37.6	23.7	14.1	6.6	1.8	43.3	930
18-20	100.0	97.2	85.9	72.4	58.5	40.2	23.5	11.5	2.7	53.6	930
21-23	100.0	97.5	89.6	76.3	62.0	42.9	28.8	11.8	2.8	55.6	930
ALL HOURS	99.3	92.3	79.1	65.2	50.2	33.8	21.6	9.6	2.3	55.6	7438

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89

MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	98.1	91.9	81.3	66.8	50.3	32.7	16.7	5.4	58.8	10954
03-05	100.0	98.3	92.3	82.5	68.9	53.2	36.0	19.2	6.3	60.3	10956
06-08	99.9	97.2	88.0	74.2	57.3	41.1	26.2	13.2	4.6	54.7	10956
09-11	98.6	84.8	63.8	45.5	30.4	19.2	11.5	5.6	1.9	40.7	10948
12-14	96.3	73.1	49.2	32.4	20.8	12.9	7.8	3.8	1.1	34.3	10956
15-17	96.5	75.2	52.7	35.8	23.9	15.5	9.3	4.2	1.3	36.0	10952
18-20	99.2	91.8	76.2	58.9	42.3	28.4	17.0	7.9	2.5	46.9	10953
21-23	99.9	97.2	88.8	75.1	58.6	42.3	26.1	12.7	3.9	55.0	10956
ALL HOURS	98.8	89.5	75.4	60.7	46.1	32.9	20.8	10.4	3.4	48.3	87631

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	FFFFFF
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

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: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	1019.5	1018.2	1013.9	1013.8	1012.2	1012.8	1013.8	1014.6	1015.0	1017.0	1016.7	1019.2	1015.5
	SD	8.744	8.615	9.094	8.789	7.176	5.495	4.521	4.459	6.823	7.507	8.878	8.979	7.968
	TOT OBS	309	283	310	299	310	300	309	310	300	310	300	310	3650
0500	MEAN	1020.0	1018.5	1014.0	1014.3	1012.8	1013.6	1014.6	1015.1	1015.7	1017.7	1017.8	1019.9	1016.2
	SD	8.650	8.440	9.061	8.809	7.098	5.252	4.282	4.274	6.666	7.423	8.840	8.957	7.883
	TOT OBS	310	281	309	300	310	300	310	310	300	310	300	310	3650
0800	MEAN	1021.7	1020.3	1015.4	1015.0	1013.3	1013.9	1015.0	1015.9	1016.6	1019.0	1019.2	1021.7	1017.2
	SD	8.677	8.290	8.857	8.883	7.113	5.301	4.415	4.311	6.724	7.254	8.903	8.835	8.013
	TOT OBS	310	283	310	300	309	300	309	309	299	310	300	309	3648
1100	MEAN	1020.6	1019.4	1014.4	1013.9	1012.3	1012.9	1014.2	1015.1	115.6	1017.7	1017.6	1020.7	1016.2
	SD	8.545	8.480	8.760	8.738	7.244	5.426	4.355	4.383	6.818	7.334	9.073	8.838	8.022
	TOT OBS	310	283	310	297	310	300	310	310	300	309	300	310	3649
1400	MEAN	1017.9	1016.8	1012.3	1012.2	1010.9	1011.6	1013.0	1013.8	1013.7	1015.4	1015.2	1018.2	1014.2
	SD	8.663	8.542	8.610	8.609	7.313	5.470	4.428	4.521	6.862	7.254	9.079	8.713	7.867
	TOT OBS	310	283	310	300	310	300	309	310	300	310	300	310	3652
1700	MEAN	1019.7	1017.8	1012.9	1012.6	1010.9	1011.5	1013.0	1013.9	1014.1	1016.5	1017.2	1020.2	1015.0
	SD	8.642	8.396	8.481	8.419	7.409	5.631	4.533	4.692	6.755	7.304	8.795	8.513	8.036
	TOT OBS	309	283	309	300	310	299	310	310	298	310	300	309	3647
2000	MEAN	1021.5	1020.2	1015.1	1014.3	1012.1	1012.4	1013.6	1014.9	1015.8	1018.4	1018.8	1021.7	1016.5
	SD	8.792	8.332	8.601	8.599	7.355	5.551	4.853	4.745	6.876	7.369	8.866	8.562	8.204
	TOT OBS	309	282	310	300	310	300	310	310	299	310	300	310	3650
2300	MEAN	1020.2	1019.2	1014.7	1014.3	1012.7	1013.3	1014.3	1015.1	1015.6	1017.8	1017.5	1020.3	1016.2
	SD	8.834	8.586	8.883	8.795	7.290	5.537	4.782	4.667	6.960	7.510	8.972	8.791	8.036
	TOT OBS	309	283	310	299	310	299	310	309	299	310	300	310	3648
ALL HOURS	MEAN	1020.2	1018.8	1014.1	1013.8	1012.2	1012.8	1013.9	1014.8	1015.3	1017.4	1017.5	1020.2	1015.9
	SD	8.766	8.538	8.852	8.752	7.295	5.520	4.576	4.556	6.870	7.442	9.000	8.844	8.052
	TOT OBS	2476	2261	2478	2395	2479	2398	2477	2478	2395	2479	2400	2478	29194

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS

PERIOD OF RECORD: OCT 79 - SEP 89

LST TO UTC: + 7

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	30.03	30.00	29.94	30.00	30.03	30.13	30.21	30.21	30.17	30.13	30.02	30.02	30.07
	SD	.212	.201	.222	.210	.176	.138	.112	.111	.160	.192	.216	.217	.204
	TOT OBS	310	283	309	299	310	300	309	310	299	310	300	310	3649
0500	MEAN	30.01	29.99	29.93	30.00	30.03	30.13	30.21	30.21	30.17	30.13	30.01	30.01	30.07
	SD	.212	.198	.222	.212	.175	.134	.108	.107	.158	.191	.220	.218	.205
	TOT OBS	310	281	310	299	309	300	310	310	300	310	299	310	3648
0800	MEAN	30.04	30.02	29.95	30.02	30.05	30.15	30.23	30.24	30.19	30.15	30.04	30.04	30.09
	SD	.212	.201	.224	.221	.178	.137	.108	.106	.160	.193	.225	.218	.208
	TOT OBS	310	283	310	300	310	300	309	309	300	310	300	310	3651
1100	MEAN	30.05	30.02	29.94	30.01	30.04	30.13	30.22	30.23	30.18	30.14	30.03	30.06	30.09
	SD	.214	.207	.226	.218	.181	.139	.109	.111	.163	.194	.227	.218	.208
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1400	MEAN	29.98	29.96	29.89	29.96	30.00	30.10	30.18	30.19	30.13	30.08	29.97	30.00	30.04
	SD	.215	.205	.219	.212	.183	.139	.112	.115	.165	.191	.223	.217	.208
	TOT OBS	309	283	310	300	310	300	309	310	300	310	300	310	3651
1700	MEAN	30.00	29.97	29.89	29.96	29.98	30.08	30.16	30.17	30.12	30.09	29.99	30.02	30.04
	SD	.213	.200	.213	.204	.185	.144	.113	.118	.162	.187	.216	.210	.202
	TOT OBS	310	283	310	300	310	299	310	310	299	310	300	309	3650
2000	MEAN	30.03	30.01	29.94	30.00	30.02	30.11	30.19	30.21	30.16	30.14	30.03	30.04	30.08
	SD	.212	.200	.214	.204	.181	.143	.119	.119	.160	.188	.215	.210	.201
	TOT OBS	310	282	309	299	310	300	310	310	299	310	299	309	3647
2300	MEAN	30.04	30.02	29.95	30.02	30.05	30.15	30.22	30.23	30.18	30.14	30.03	30.05	30.09
	SD	.214	.202	.222	.209	.177	.140	.119	.118	.162	.192	.216	.212	.204
	TOT OBS	310	282	310	300	310	300	310	310	299	310	300	310	3651
ALL HOURS	MEAN	30.02	30.00	29.93	30.00	30.02	30.12	30.20	30.21	30.16	30.13	30.02	30.03	30.07
	SD	.214	.203	.222	.213	.181	.141	.115	.115	.163	.192	.221	.216	.206
	TOT OBS	2479	2260	2478	2397	2479	2399	2477	2479	2396	2480	2398	2477	29199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS

PERIOD OF RECORD: OCT 79 - SEP 89

LST TO UTC: + 7

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0200	MEAN	23.91	23.88	23.83	23.89	23.91	23.99	24.05	24.06	24.02	23.99	23.90	23.90	23.95
	SD	.176	.168	.185	.175	.147	.115	.093	.092	.133	.160	.180	.181	.170
	TOT OBS	310	283	309	299	310	300	309	310	299	310	300	310	3649
0500	MEAN	23.89	23.88	23.82	23.89	23.91	24.00	24.06	24.06	24.02	23.99	23.90	23.89	23.94
	SD	.177	.165	.185	.176	.146	.112	.089	.089	.131	.160	.183	.182	.171
	TOT OBS	310	281	310	299	309	300	310	310	300	310	299	310	3648
0800	MEAN	23.91	23.90	23.84	23.90	23.93	24.01	24.08	24.08	24.04	24.01	23.92	23.92	23.96
	SD	.177	.168	.186	.184	.148	.114	.089	.088	.133	.161	.187	.182	.173
	TOT OBS	310	283	310	300	310	300	309	309	300	310	300	310	3651
1100	MEAN	23.93	23.90	23.84	23.89	23.91	24.00	24.07	24.07	24.03	24.00	23.91	23.93	23.96
	SD	.178	.173	.188	.182	.151	.116	.091	.092	.136	.162	.189	.182	.173
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1400	MEAN	23.87	23.85	23.79	23.85	23.88	23.96	24.04	24.04	23.99	23.95	23.86	23.88	23.91
	SD	.179	.171	.183	.177	.152	.116	.093	.095	.137	.159	.185	.180	.173
	TOT OBS	309	283	310	300	310	300	309	310	300	310	300	310	3651
1700	MEAN	23.89	23.86	23.80	23.85	23.87	23.95	24.02	24.03	23.98	23.96	23.88	23.90	23.92
	SD	.177	.167	.177	.171	.154	.119	.094	.098	.134	.155	.180	.175	.168
	TOT OBS	310	283	310	300	310	299	310	310	299	310	300	309	3650
2000	MEAN	23.91	23.90	23.83	23.89	23.90	23.98	24.04	24.06	24.02	24.00	23.91	23.92	23.95
	SD	.177	.167	.179	.171	.151	.119	.099	.099	.133	.157	.179	.175	.167
	TOT OBS	310	282	309	299	310	300	310	310	299	310	299	309	3647
2300	MEAN	23.91	23.90	23.84	23.91	23.93	24.01	24.07	24.07	24.03	24.00	23.90	23.93	23.96
	SD	.172	.175	.184	.169	.146	.115	.097	.098	.138	.159	.182	.179	.170
	TOT OBS	310	282	310	300	310	300	310	310	297	310	300	312	3651
ALL HOURS	MEAN	23.90	23.88	23.82	23.88	23.90	23.99	24.05	24.06	24.02	23.99	23.90	23.91	23.94
	SD	.177	.170	.184	.177	.151	.118	.095	.095	.136	.160	.184	.180	.172
	TOT OBS	2479	2260	2478	2397	2479	2399	2477	2479	2394	2480	2398	2479	29199

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
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	GGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

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

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

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

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

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

OBSERVATION COUNTS INCLUDE CALM WINDS.

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

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930				929	.3			930	.1			930
CATEGORY B	1.3	.1		942	1.2	.1		944	1.5	.3		960	1.5			947

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				929	.2			929	.2			930	.4			930
CATEGORY B	2.4			953	1.7	.1		941	.7	.3		946	1.7	.5		946

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.2			4648	.2			7437
CATEGORY B	1.6	.1		4747	1.5	.2		7579

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				849				849				848	.6			848
CATEGORY B	.6	.2		894	.3			890	.2			920	1.0	.4		904

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	1.1			849				849				849				849
CATEGORY B	1.7	.8		901	.9	.1		889	.6	.1		894	.4	.2		890

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.3			4243	.2			6790
CATEGORY B	.9	.3		4508	.7	.2		7182

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			929	.1			930	.2			930	.4			930
CATEGORY B	.2	.1		958	.4	.1		959	.8	.3		975	2.0	.3		958

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.3			930	.3			930				930	.1			930
CATEGORY B	3.0	.8		958	2.2	.2		957	.7	.1		952	.7	.2	.1	953

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.3			4650	.2			7439
CATEGORY B	1.8	.4		4800	1.3	.3	.0	7670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
MONTH: APR

CATEGORY A: ANY CEILIN 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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				899				900	.1	.1		900	.3			900
CATEGORY B	.7			917	.8			925	.6	.1	.1	938	1.5	.2	.1	929

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.4			900	.3			900	.1			900				900
CATEGORY B	2.4	.5		923	3.5	.5		927	1.2	.2		928	.4	.1		929

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.3	.0		4500	.2	.0		7199
CATEGORY B	1.8	.3	.0	4645	1.4	.2	.0	7416

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930				930	.1			930	.1			930
CATEGORY B	.3			945	.4			944	.6	.1		958	1.3	.3		959

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			930	.3			929				930				930
CATEGORY B	2.4	.3		960	2.0	.3		945	.6			954	.2			954

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			4649	.1			7439
CATEGORY B	1.4	.2		4776	1.0	.1		7619

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				900				900				900				899
CATEGORY B	.1			906				914	.1			932				907

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				900	.1			899				900				900
CATEGORY B	.5			944	.6	.1		939	.4			929	.1			922

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.0			4498	.0			7198
CATEGORY B	.3	.0		4651	.2	.0		7393

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930				930				929				930
CATEGORY B				939				940				947				938

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				928				930	.2			930				930
CATEGORY B	.2	.1		955	.8			953	.8	.1		946				946

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.0			4647	.0			7437
CATEGORY B	.4	.0		4739	.2	.0		7564

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930				930				930				930
CATEGORY B	.1			953				959				974				948

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930	.1			930				930				929
CATEGORY B	.1			965	.3			969	.5	.1		962	.2			944

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.0			4650	.0			7439
CATEGORY B	.2	.0		4818	.2	.0		7674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				900				900				900	.1			900
CATEGORY B	.1			917				931	.1			946	.3			920

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				900				899				897				897
CATEGORY B	.7			920	.8			922	.5	.1		921	.1			918

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.0			4496	.0			7193
CATEGORY B	.5	.0		4629	.3	.0		7395

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930				930	.1			930	.1			930
CATEGORY B	.2			946	.3			952	.1	.1		955	.5	.1		947

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			930				930				930				930
CATEGORY B	.5	.2		946	.4	.1		940	.2	.1		951	.2			952

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			4650	.0			7440
CATEGORY B	.4	.1		4739	.3	.1		7589

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				900				900				900	.1			900
CATEGORY B	.3			910	.2			915	.8			925	1.2	.1		920

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.2			900				898				899				900
CATEGORY B	2.5	.4		918	1.9			903	.3			914	.5			921

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			4497	.0			7197
CATEGORY B	1.3	.1		4580	1.0	.1		7326

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A				930	.1			930				930				930
CATEGORY B	.7			946	1.1	.2		949	.9			964	.8	.2		950

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
ATEGORY A	.2			930	.1			930				930				930
CATEGORY B	1.8	.3		955	.8			954	.2			961	.3			943

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1			4650	.1			7440
CATEGORY B	.9	.1		4784	.8	.1		7622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 169-349

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: OCT 79 - SEP 89
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)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.0			10957	.0			10958	.1	.0		10957	.2			10957
CATEGORY B	.4	.0		11173	.4	.0		11222	.5	.1	.0	11394	.8	.1	.0	11227

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.2			10956	.1			10953	.0			10955	.0			10955
CATEGORY B	1.5	.3		11298	1.3	.1		11239	.6	.1		11258	.4	.1	.0	11218

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE25	GE35	GE50	OBS	GE25	GE35	GE50	OBS
CATEGORY A	.1	.0		54778	.1	.0		87648
CATEGORY B	.9	.1	.0	56416	.7	.1	.0	90029

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: JAN 43 - SEP 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943	1023	737	930	351	394	71		4	121	452	783	1025	5891
1944	1038	942	944	719	272	58	9	18	108	344	766	1027	6245
1945	1050	882	741	718	288	160	18	21	222	342	683	1097	6222
1946	1071	****	****	309	431	****	3	22	101	472	900	887	4196
1947	1079	996	887	568	312	125	3	3	82	315	966	1006	6342
1948	1171	1097	1084				1	9	67	436	896	1052	5813
1949	1393	971	820	533	274	108		10	84	507	497	1021	6218
1950	1010	755	862	557	362	80	27	28	173	206	777	918	5755
1951	1191	859	952	678	283	187	13	24	170	507	841	1068	6773
1952	934	916	989	569	314	9	23	6	111	393	982	1027	6273
1953	820	934	722	661	409	30	3	17	56	389	698	1051	5790
1954	892	642	932	367	328	44	1	6	61	424	652	942	5291
1955	1143	1065	893	503	257	121		1	118	339	857	892	6189
1956	1017	1090	815	611	194		2	29	60	329	861	939	5947
1957	1185	706	839	755	383	95	1	1	158	410	941	830	6304
1958	976	776	1023	633	163	40	10	6	114	368	715	906	5730
1959	1084	920	868	613	247	30	2	6	207	574	831	921	6303
1960	1127	1235	889	465	303	64	23	23	111	425	756	1074	6493
1961	1052	874	870	622	321	92	28	5	312	487	870	1221	6754
1962	1308	904	957	494	188	94	5	11	119	319	708	887	5994
1963	1309	709	795	399	160	31		3	30	200	663	1139	5438
1964	1045	1103	1029	538	241	64		20	145	361	771	981	6298
1973	1194	894	865	710	362	82	36	2	196	372	738	1025	6476
1974	1157	847	687	555	169	89	1	22	234	373	776	1121	6031
1975	1099	963	889	604	352	92		8	198	378	839	897	6319

1976	1058	766	872	511	317	81		9	186	581	854	974	6209
1977	1166	828	850	498	190	7	2	23	68	400	778	917	5727
1978	1214	1025	729	482	377	98	3	40	120	398	831	1312	6629
1979	1466	887	810	486	339	95	5	41	91	390	990	956	6556
1980	1170	868	885	614	350	37		8	113	452	746	764	6007

1981	904	836	787	339	319	43	6	32	79	427	635	978	5385
1982	1084	1003	817	567	378	169	9	11	200	527	866	1074	6705
1983	997	838	898	742	448	159	2		108	421	806	1432	6851
1984	1190	900	911	700	226	61		7	206	678	780	983	6642
1985	1222	1065	828	478	242	79	4	8	246	480	964	1133	6749

1986	794	826	611	482	311	53	5	12	167	507	795	1063	5626
1987	1079	872	905	483	270	49	16	63	147	426	749	1092	6151
1988	1232	941	868	491	265	25	7	8	143	353	747	1070	6150
1989	971	1189	634	466	246	140		4	170				3820

MEAN	1100	912	860	549	296	77	6	14	138	414	797	1018	

SD	141.90	133.24	101.34	115.03	75.41	46.44	9.27	13.35	61.70	93.75	104.59	126.73	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724660

STATION NAME: PETERSON AFB/COLORADO SPRINGS
LST TO UTC: + 7

PERIOD OF RECORD: JAN 43 - SEP 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1943					7	116	275	223	24				645
1944					8	96	169	212	46				531
1945					13	25	185	180	75				478
1946		****	****			****	239	165	78	2			484
1947					11	65	212	207	110	11			616
1948							180	146	84				410
1949					5	81	197	146	26				455
1950					4	109	85	83	15	1			297
1951					16	25	232	141	22				436
1952					2	209	196	172	63	2			644
1953					15	136	232	134	52	2			571
1954				1	9	162	301	195	83	9			760
1955					9	54	264	192	76				595
1956					15	180	182	141	74				592
1957						61	219	169	20	2			471
1958					27	106	154	206	70	7			570
1959					5	142	177	200	60				584
1960					1	103	161	189	77				531
1961					13	62	134	117	8				334
1962					10	46	134	202	46	3			441
1963					33	170	341	171	61	14			790
1964					38	91	332	166	74	2			703
1973						102	140	175	12				429
1974					20	131	228	109	24				512
1975						61	184	185	44	6			480

1976			71	214	113	28		426
1977			105	205	135	49		494
1978		4	142	250	130	62	2	590
1979		1	91	183	120	78	3	476
1980			169	326	183	40		718
1981		7	2	177	226	102	26	540
1982				18	174	122	26	340
1983				47	226	209	75	557
1984			16	66	198	115	41	436
1985			5	81	171	158	48	463
1986			1	88	183	110	6	388
1987				64	208	117	8	397
1988			15	141	189	183	37	565
1989		4	28	62	221	117	51	483
.....								
MEAN		0	8	98	208	157	48	1
SD		1.30	9.96	47.97	54.75	37.29	26.11	3.33

A W S	STATION NAME: PETERSON AFB/COLORADO SPRINGS CO	FIELD ELEV: 6172 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 38 49 N 104 43 W	STATION MSC: 724660
	HOURLY OBS POR: OCT 79 - SEP 89	CALL SIGN: KCOS
	SUMMARY OF DAY POR: SEP 42 - SEP 89	
MAR 90	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: NOV 85
	LST TO UTC: +07	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	72	76	81	83	93	100	100	99	95	86	78	77	100	48
MEAN MAX TEMP (F)	42	45	50	59	68	79	85	82	75	64	51	44	62	48
MEAN TEMP (F)	29	32	37	46	55	65	71	69	61	51	38	31	49	48
MEAN MIN TEMP (F)	16	19	24	33	42	51	57	56	47	37	25	18	36	48
EXTRM MIN TEMP (F)	-26	-27	-16	-3	21	32	42	43	22	5	-8	-17	-27	48
D/W TEMP GE 95 (F)	0	0	0	0	0	1	1	1	#	0	0	0	3	48
D/W TEMP GE 90 (F)	0	0	0	0	#	4	9	4	1	0	0	0	18	48
D/W TEMP LT 33 (F)	30	26	26	14	2	#	0	0	1	8	24	29	160	48
D/W TEMP LT 0 (F)	3	1	1	#	0	0	0	0	0	0	1	1	7	48
HEATING DEGREE DAYS	1100	912	860	549	296	77	6	14	138	414	797	1018	6181	38
COOLING DEGREE DAYS	0	0	0	#	8	98	208	157	48	1	0	0	520	38
MEAN DEWPOINT TEMP (F)	11	12	17	22	34	42	46	49	38	27	17	12	27	10
MEAN WET BULB TEMP (F)	24	25	31	37	45	53	57	57	49	39	30	24	39	10
99.95% WCPA (FT)	6150	6150	6250	6150	6050	5900	5750	5750	5900	6000	6150	6150	6100	10
MEAN REL HUM 07 LST(%)	51.0	53.4	55.2	50.6	57.6	55.2	51.7	61.9	58.8	53.9	54.1	53.0	54.7	10
MEAN REL HUM 13 LST(%)	35.6	37.4	34.8	28.9	36.2	33.2	29.7	38.1	34.2	31.3	32.8	39.0	34.3	10
MAX 24HR PRECIP (IN)	.77	1.49	1.40	2.30	2.23	2.65	3.00	2.98	1.38	1.54	.81	.66	3.00	48
MAX PRECIP (IN)	1.17	2.45	2.38	5.90	5.67	8.00	5.27	6.06	4.28	5.01	2.21	1.05	25.43	48
MEAN PRECIP (IN)	.31	.36	.81	1.27	2.26	2.04	2.86	2.80	1.15	.84	.47	.36	15.57	48
MIN PRECIP (IN)	#	.03	.01	.01	.33	.15	.67	.15	#	.01	#	#	8.59	48
D/W PRECIP GE .01 (IN)	5	5	7	7	10	9	13	12	6	5	4	4	87	48
D/W PRECIP GT .50 (IN)	#	#	1	1	1	1	1	2	1	1	#	#	9	48
MAX 24HR SNFL (IN)	22.0	14.8	13.3	16.7	14.9	1.1	0	0	13.6	13.8	8.5	9.1	22.0	43
MAX SNFL (IN)	28.7	23.2	23.2	42.7	19.4	1.1	0	0	27.9	25.9	22.3	18.2	96.4	43
MEAN SNFL (IN)	5.3	5.5	9.3	6.1	1.4	#	0	0	1.1	3.0	5.3	5.8	42.8	43
D/W SNFL GE .1 (IN)	5	5	7	4	1	#	0	0	1	2	4	4	33	43
D/W SNFL GE 1.5 (IN)	1	1	2	1	1	0	0	0	1	1	1	1	10	43
MAX DLY SNO DEPTH (IN)	16	12	14	12	11	#	0	0	12	20	12	10	20	43
PRVLNG WND DIR (DEG)	35-01	35-01	35-01	35-01	35-01	14-16	35-01	35-01	14-16	35-01	35-01	02-04	35-01	10
MEAN WND SPD (KTS)	7	8	9	9	9	8	7	7	8	8	8	7	8	10
MAX WND SPD (KTS)	70	63	73	56	61	78	56	47	64	54	70	70	78	33
SKY COVER GT 5/10 (%)	43.0	49.2	54.0	50.1	55.0	47.9	42.0	48.1	40.0	40.9	45.0	45.0	46.9	10
D/W THUNDERSTORMS	0	#	1	2	8	11	16	13	5	1	#	0	57	40
D/W FOG (VSBY LT 7 MI)	5	5	6	4	4	3	2	3	4	4	4	4	48	40

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	15.2	20.1	20.1	12.8	11.5	6.6	3.8	7.4	12.4	12.9	12.9	17.1	12.7	10
	03 - 05	15.3	19.1	19.5	13.8	14.0	8.8	4.6	8.3	14.2	13.1	13.0	16.0	13.3	10
	06 - 08	14.3	18.3	17.7	13.0	12.4	10.2	6.5	9.2	13.9	13.9	13.6	16.1	13.3	10
	09 - 11	12.3	17.9	17.0	10.7	12.6	8.3	3.2	7.0	12.6	11.7	13.1	13.8	11.7	10
	12 - 14	10.2	16.6	14.2	8.7	8.7	4.1	1.9	4.4	9.0	9.4	12.0	14.2	9.4	10
	15 - 17	11.6	15.8	13.2	8.9	6.6	2.8	1.2	2.3	7.2	8.2	10.8	14.7	8.6	10
	18 - 20	11.8	16.4	12.2	11.6	7.6	2.8	2.0	3.2	8.1	9.1	11.9	15.6	9.4	10
	21 - 23	13.8	19.2	15.9	12.0	11.4	4.7	2.6	4.2	9.5	10.8	13.8	16.9	11.2	10
	ALL	13.1	17.9	16.2	11.4	10.6	6.0	3.2	5.8	10.9	11.1	12.6	15.5	11.2	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	11.2	14.4	15.2	7.8	7.0	3.2	2.2	4.5	9.0	8.4	9.1	13.0	8.7	10
	03 - 05	12.2	15.1	16.2	9.0	7.1	5.6	3.3	6.0	10.1	10.9	9.9	13.1	9.9	10
	06 - 08	11.1	15.4	15.3	9.8	7.8	7.5	4.2	7.4	11.3	10.9	9.9	13.8	10.4	10
	09 - 11	10.0	14.7	12.7	7.3	6.6	2.6	1.3	4.5	8.8	9.1	9.3	10.8	8.1	10
	12 - 14	8.1	13.3	10.6	4.9	4.5	.9	.9	1.7	5.2	5.7	7.8	11.2	6.2	10
	15 - 17	7.6	11.4	9.5	4.7	2.4	.9	.0	.6	3.9	4.2	6.7	11.1	5.2	10
	18 - 20	9.0	10.4	8.2	5.2	3.3	.8	1.1	1.7	4.3	5.3	8.7	11.4	5.8	10
	21 - 23	11.2	13.3	11.7	6.0	5.5	2.3	1.0	2.6	6.0	7.2	10.2	12.2	7.4	10
	ALL	10.0	13.5	12.4	6.8	5.5	3.0	1.7	3.6	7.3	7.7	8.9	12.1	7.7	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	10.1	12.7	13.3	6.2	5.9	2.7	1.7	3.1	6.7	7.6	8.2	11.6	7.5	10
	03 - 05	10.3	13.1	14.8	7.9	5.4	4.6	2.8	5.1	9.3	9.8	8.8	11.9	8.6	10
	06 - 08	9.1	13.9	14.2	8.6	5.8	5.6	3.8	6.5	10.3	9.5	8.8	11.8	9.0	10
	09 - 11	7.3	11.3	11.3	5.4	4.5	1.7	.8	2.9	7.4	7.3	7.9	9.1	6.4	10
	12 - 14	5.9	9.8	9.4	3.2	2.5	.6	.4	1.2	4.4	4.6	6.6	8.6	4.8	10
	15 - 17	6.1	8.3	7.2	3.2	1.5	.1	.0	.4	3.3	2.9	5.3	8.9	3.9	10
	18 - 20	7.2	8.1	6.5	3.0	2.8	.1	.9	1.4	3.2	3.5	6.7	9.2	4.4	10
	21 - 23	9.4	11.0	8.6	5.0	4.3	1.8	.9	1.8	4.6	6.3	8.8	10.2	6.1	10
	ALL	8.2	11.0	10.7	5.3	4.1	2.1	1.4	2.8	6.2	6.5	7.6	10.2	6.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	2.6	4.0	3.7	.9	.8	.4	.0	1.1	2.0	3.0	2.4	2.9	2.0	10
	03 - 05	2.7	4.7	4.5	1.8	.6	1.1	.5	.9	2.8	2.9	2.8	3.2	2.4	10
	06 - 08	3.5	5.1	4.4	2.2	.6	1.1	.6	.5	2.1	2.9	2.6	3.2	2.4	10
	09 - 11	1.7	3.3	2.5	.7	.4	.0	.1	.0	.6	1.6	1.3	2.6	1.2	10
	12 - 14	1.0	2.0	1.8	.8	.0	.0	.0	.0	.1	1.0	1.0	1.6	.8	10
	15 - 17	1.0	2.0	.3	.2	.1	.0	.0	.0	.7	1.0	1.1	1.7	.7	10
	18 - 20	1.4	2.6	.3	.0	.3	.0	.0	.1	1.1	.8	1.2	3.1	.9	10
	21 - 23	2.4	4.1	2.2	.1	.3	.1	.1	.4	1.4	2.4	2.3	3.0	1.6	10
	ALL	2.0	3.5	2.5	.8	.4	.3	.2	.4	1.3	1.9	1.8	2.7	1.5	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS :