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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

RICHARDS-GEBAUR AFB MO

Prepared by

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

APRIL 1991



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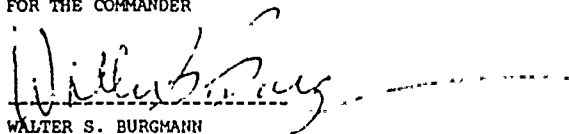
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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCs). EXISTING RUSSWOS AND LISOCs WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
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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 1986.

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 PAF, A DESCRIPTION OF THE DATA, AND AN EXPLANATION OF HOW THE DATA IS PRESENTED.

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

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: AUG 80 - JUL 90 (PART TIME, 04Z-013Z NOT OPERATIONAL) (AIRWAYS).

SUMMARY OF DAY DATA: MAR 54 - DEC 70, SEP 74 - JUL 77 (FULL TIME).

SUMMARY OF DAY DATA: JAN 73 - AUG 74, AUG 77 - JUL 90 (PART TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST (2200-0700 LST MISSING WHEN PART TIME).

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

TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

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

ON SUMMARY 724466		RICHARDS-GEBAUR AFB/GRANDVIEW, MO		N 38 51	W 094 33	1091	GVW		
Nmbr		Type	At This Location				Elev Above MSL	OBS	
Loc		Station	From	To			FLD (FT) BARO (FT)	DAY	
2	Same	Same	Apr 55	Apr 57	Same	W 094 35	Same 1071	24	
3	Richards-Gebaur AFB, MO	Same	Apr 57	Feb 60	Same	Same	1100 1133	24	
5	Same	Same	Jul 61	-ec 70	Same	Same	Same 1101		
7	Same	Same	Sep 72	Aug 74	Same	Same	Same Same	17	
8	Same	Same	Sep 74	Apr 78	Same	Same	Same Same	24	
Nmbr	Date of	SURFACE WIND EQUIPMENT INFORMATION							
Loc		LOCATION	TYPE OF		TYPE OF	HT ABOVE	MENT, OR REASON FOR CHANGE		
1	Mar 54	Atop control tower	AN/GMQ-1		ML-204A	76 ft			
4	Mar 58	300'E midpoint rwy 18/36	AN/GMQ-11		RO-2	10 ft			
6	Apr 68	1. Same	AN/GMQ-20		Same	23 ft			
		18							
		3 36							
		3 2.510'fm ctrln, 1800'fm end rwy	3 Same			3 13 ft			
8	Jan 89	3 1. Same	3 Same		3 Same	3 Same			
		3 2. Same	3 Same			3 Same			
		3				3			
		3				3			
		3				3			

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	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

A - 1 - 1

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORM, 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 1958, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

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

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.7	3.4	1.0	5.8		10.2	17.0	3.4			30.6	294
09-11		2.9	.7	7.7		11.3	14.9	4.2	.3		30.7	882
12-14		2.6	.6	6.3		9.5	10.1	4.4	.5		24.5	882
15-17	.3	2.6	1.1	6.2		10.0	9.0	4.1	.5		23.5	882
18-20	.6	3.1	1.0	7.1		11.2	9.6	1.4	.3		22.6	882
21-23		2.4	.7	8.5		11.6	9.9	.7	.3		22.4	294
ALL HOURS	.2	2.8	.9	6.9		10.6	11.2	3.3	.4		25.5	4116

MONTH: FEB

00-02												0
03-05												0
06-08		4.4	1.5	9.2		15.0	30.8	4.8	.7		51.3	273
09-11		5.6	1.6	9.5		16.7	23.9	6.7	.9		48.2	819
12-14		5.3	2.1	8.9		16.3	16.0	5.1	1.0		38.4	818
15-17	.1	4.5	1.8	9.9		16.3	13.8	4.3	1.0		35.4	816
18-20	.5	4.8	2.1	8.8		15.7	15.0	4.9	1.1		36.7	815
21-23		4.8	1.8	7.0		13.7	14.4	4.8	1.8		34.7	271
ALL HOURS	.1	5.0	1.9	9.1		16.0	18.0	5.2	1.0		40.2	3812

A - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	.3	10.3	.3	4.5		15.2	25.2	7.4	.3		48.1	310
09-11	.3	9.5	.1	4.5		14.1	18.8	7.1			40.0	930
12-14	.1	7.8	.3	3.1		11.3	12.5	4.8			28.6	930
15-17	.6	9.4	.3	2.8		12.5	10.4	4.4	.1	.3	27.7	930
18-20	1.6	10.3	.4	3.1		13.9	12.3	3.8		.1	30.0	930
21-23	1.9	12.6	.3	3.2		16.1	12.9	4.2			33.2	310
ALL HOURS	.7	9.6	.3	3.5		13.3	14.3	5.1	.0	.1	32.9	4340

MONTH: APR

00-02												0
03-05												0
06-08	1.3	10.7		1.3		12.0	16.1	6.0			34.1	299
09-11	1.0	8.8		1.0		9.8	10.2	2.9			22.9	900
12-14	1.3	9.7	.1	1.0		10.8	7.6	2.7			21.2	900
15-17	1.3	10.1		.4		10.6	7.9	2.4			19.9	900
18-20	1.1	9.7		.4		10.1	7.8	1.2		.2	19.3	900
21-23	1.7	10.0		.7		10.7	7.0	1.0		.3	19.0	300
ALL HOURS	1.2	9.7	.0	.8		10.5	8.9	2.3		.1	21.6	4199

A - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	3.3	11.7				11.7	18.7	8.3			38.7	300
09-11	2.7	10.3				10.3	10.2	4.4			25.0	900
12-14	3.7	9.0			.1	9.1	4.9	1.6			15.6	900
15-17	4.2	9.3				9.3	4.1	2.1			15.6	900
18-20	4.3	9.4				9.4	5.6	1.9			16.9	900
21-23	4.3	9.0				9.0	6.3	3.0			18.3	300
ALL HOURS	3.7	9.6			.0	9.7	7.1	3.0			19.7	4200

MONTH: JUN

00-02												0
03-05												0
06-08	4.7	8.3				8.3	13.7	9.0			31.0	300
09-11	2.3	8.2				8.2	6.4	5.7			20.3	900
12-14	3.4	7.8				7.8	2.2	3.1			13.1	900
15-17	4.6	7.2				7.2	2.8	3.6			13.6	900
18-20	5.7	9.1				9.1	4.1	4.3			17.6	900
21-23	5.7	7.3				7.3	5.7	3.3			16.3	300
ALL HOURS	4.2	8.0				8.0	4.7	4.5			17.2	4200

A - 2 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	3.0	5.3				5.3	10.7	18.7			34.7	300
09-11	2.1	5.7				5.7	4.7	12.3			22.7	900
12-14	1.1	3.6				3.6	1.8	6.2			11.6	900
15-17	2.9	4.3				4.3	1.0	7.2			12.6	900
18-20	3.0	3.8				3.8	1.4	7.5			12.7	897
21-23	3.7	4.3				4.3	2.7	8.0			15.1	299
ALL HOURS	2.4	4.4				4.4	2.9	9.0			16.3	4196

MONTH: AUG

00-02												0
03-05												0
06-08	1.0	8.1				8.1	20.3	18.4			46.8	310
09-11	1.6	7.7				7.7	10.2	13.1			31.1	930
12-14	1.5	5.3				5.3	4.1	9.7			19.0	930
15-17	2.8	5.5				5.5	2.4	9.9			17.7	930
18-20	4.2	5.8				5.8	3.3	13.1			22.3	930
21-23	4.5	5.8				5.8	4.2	11.9			21.9	310
ALL HOURS	2.6	6.2				6.2	6.0	12.0			24.2	4340

A - 2 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FRFEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08	2.8	9.0				9.0	20.4	11.8			41.2	289
09-11	2.0	7.9				7.9	9.3	9.4			26.7	870
12-14	1.1	4.7				4.7	3.1	7.9			15.7	870
15-17	2.0	5.5				5.5	1.4	4.6			11.5	870
18-20	2.4	5.8				5.8	2.8	5.4			13.9	868
21-23	3.8	6.6				6.6	4.8	4.8			16.3	289
ALL HOURS	2.1	6.2				6.2	5.4	7.1			18.6	4056

MONTH: OCT

00-02												0
03-05												0
06-08	.7	10.7				10.7	24.0	6.0			40.7	300
09-11	1.3	10.1				10.1	15.3	6.0			31.4	897
12-14	1.0	11.0				11.0	10.4	3.2			24.6	897
15-17	1.0	10.5				10.5	9.1	2.3			21.9	899
18-20	.7	8.2				8.2	9.2	2.0			19.4	900
21-23	1.3	9.0				9.0	10.7	2.0			21.7	300
ALL HOURS	1.0	9.9				9.9	11.9	3.5			25.3	4193

A - 2 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												0
03-05												0
06-08		7.5	1.4	1.8		10.7	25.3	7.8			43.8	281
09-11	.5	9.3	1.3	3.4		14.0	20.4	6.2	.1		40.7	843
12-14	.6	8.6	1.2	3.0		12.7	12.1	4.5			29.4	840
15-17	.5	10.6	1.4	1.9		13.9	12.0	3.7			29.6	840
18-20	.4	9.0	.9	2.5		12.4	13.7	3.0			29.0	809
21-23	.4	9.5	.8	2.7		12.9	12.2	1.5			26.6	263
ALL HOURS	.4	9.2	1.2	2.6		13.1	15.2	4.4	.0		32.7	3876

MONTH: DEC

00-02												0
03-05												0
06-08	.3	7.1	2.4	6.7		16.2	28.3	5.4			49.8	297
09-11	.1	5.8	2.5	6.3		14.5	26.0	5.5	.7		46.6	894
12-14	.1	5.5	1.8	5.7		13.0	17.6	5.2	.7		36.4	821
15-17	.1	3.4	1.8	5.2		10.4	14.2	4.5	.2		29.3	886
18-20	.1	6.0	2.4	4.8		13.1	15.4	2.9	.3		31.6	800
21-23	.8	6.4	1.2	5.6		13.1	16.3	1.2	.8		31.5	251
ALL HOURS	.2	5.4	2.1	5.6		13.0	19.0	4.4	.4		36.9	4021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 81
HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	.2	2.8	.9	6.9		10.6	11.2	3.3	.4		25.5	4116
FEB	.1	5.0	1.9	9.1		16.0	18.0	5.2	1.0		40.2	3812
MAR	.7	9.6	.3	3.5		13.3	14.3	5.1	.0	.1	32.9	4340
APR	1.2	9.7	.0	.8		10.5	8.9	2.3		.1	21.6	4199
MAY	3.7	9.6			.0	9.7	7.1	3.0			19.7	4200
JUN	4.2	8.0				6.0	4.7	4.5			17.2	4200
JUL	2.4	4.4				4.4	2.9	9.0			16.3	4196
AUG	2.6	6.2				6.2	6.0	12.0			24.2	4340
SEP	2.1	6.2				6.2	5.4	7.1			18.6	4056
OCT	1.0	9.9				9.9	11.9	3.5			25.3	4193
NOV	.4	9.2	1.2	2.6		13.1	15.2	4.4	.0		32.7	3876
DEC	.2	5.4	2.1	5.6		13.0	19.0	4.4	.4		36.9	4021
ANNUAL	1.6	7.2	.5	2.3	.0	10.0	10.3	5.3	2	.0	25.8	49549

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	/ PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN	1.8	20.5	7.6	28.9	.2	40.8	33.3	20.3	5.2		52.3	1096
FEB	1.6	25.4	7.7	27.3	.4	42.6	39.4	26.7	4.2		57.9	1006
MAR	7.5	34.0	3.1	18.5	1.3	45.0	36.1	24.7	2.5		57.7	1120
APR	18.2	43.9	.3	3.7	2.9	45.2	27.7	17.6	.2		53.2	1110
MAY	25.3	47.1			3.0	47.1	29.5	18.2			58.1	1134
JUN	30.5	42.4			1.8	42.4	23.0	17.2			54.5	1110
JUL	23.5	34.7			.7	34.7	22.1	19.8			50.8	1134
AUG	21.5	33.2			.7	33.2	26.3	28.1			54.6	1116
SEP	17.9	35.7			.8	35.7	31.4	25.3			52.8	1068
OCT	10.9	33.3		.8	.5	33.5	28.9	15.3			43.9	1103
NOV	4.3	28.2	1.3	11.5	.1	34.7	32.6	17.5	.3		47.9	1055
DEC	2.5	26.9	7.7	22.8	.3	40.9	36.6	18.3	2.4		53.9	1097
ANNUAL	14.0	33.9	2.3	9.3	1.1	39.7	30.5	20.7	1.2		53.1	13149

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08	.7		.3	1.3	3.3	4.7	3.0	1.0	2.8	.7		.3
09-11			.3	1.0	2.7	2.3	2.1	1.6	2.0	1.3	.5	.1
12-14			.1	1.3	3.7	3.4	1.1	1.5	1.1	1.0	.6	.1
15-17	.3	.1	.6	1.3	4.2	4.6	2.9	2.8	2.0	1.0	.5	.1
18-20	.6	.5	1.6	1.1	4.3	5.7	3.0	4.2	2.4	.7	.4	.1
21-23			1.9	1.7	4.3	5.7	3.7	4.5	3.8	1.3	.4	.8
ALL HOURS	.2	.1	.7	1.2	3.7	4.2	2.4	2.6	2.1	1.0	.4	.2
TOTAL OBS	4116	3812	4340	4199	4200	4200	4196	4340	4056	4193	3876	4021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS			50.0	20.0	20.0	10.0	10
LIQUID PRECIP	12.4		13.3	35.4	19.5	19.5	113
FREEZING PRECIP			54.1	35.1	10.8		37
FROZEN PRECIP	3.8		47.0	11.1	8.7	29.3	287
FOG	9.3		29.1	22.1	17.2	22.3	453
FOG WITH VIS GE 1/2 MILES	8.8		29.7	20.7	18.1	22.8	421
TOTAL OBS	261	0	683	509	1350	1313	0 4116

MONTH: FEB HOURS: ALL

TSTMS			20.0	60.0	20.0		5
LIQUID PRECIP	5.7		45.6	21.8	9.8	17.1	193
FREEZING PRECIP	9.7		77.8	1.4		11.1	72
FROZEN PRECIP	1.6		49.6	5.2	4.7	38.9	365
FOG	9.6		44.1	12.7	12.0	21.6	656
FOG WITH VIS GE 1/2 MILES	10.7		40.3	13.2	12.7	23.2	591
TOTAL OBS	259	0	915	654	932	1052	0 3812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS			37.5	31.3	15.6	15.6	32
LIQUID PRECIP	2.2		38.3	34.6	13.5	11.3	407
FREEZING PRECIP			100.0				13
FROZEN PRECIP	2.6		51.0	4.5	.6	41.3	155
FOG	2.0		44.2	26.5	6.6	20.7	604
FOG WITH VIS GE 1/2 MILES	1.9		44.1	26.4	6.7	20.9	594
TOTAL OBS	173	0	1028	946	1133	1060	0 4340

MONTH: APR HOURS: ALL

TSTMS	3.8		35.8	28.3	18.9	13.2	53
LIQUID PRECIP	4.3		33.8	26.3	11.4	24.2	376
FREEZING PRECIP			100.0				1
FROZEN PRECIP			59.4	18.8		21.9	32
FOG	3.8		47.4	24.7	6.2	17.9	369
FOG WITH VIS GE 1/2 MILES	3.0		47.4	24.9	6.4	18.3	361
TOTAL OBS	153	0	912	817	1214	1103	0 4199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY

PERIOD OF RECORD: AUG 80 - JUL 90

LST TO UTC: + 6

MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	4.4		20.3	39.9	29.1	6.3	158
LIQUID PRECIP	2.9		39.4	31.6	13.7	12.4	307
FREEZING PRECIP							
FROZEN PRECIP							
FOG	5.0		42.0	32.7	10.0	10.3	281
FOG WITH VIS GE 1/2 MILES	5.0		42.0	32.7	10.0	10.3	281
TOTAL OBS	240	0	886	1204	1225	645	4200

MONTH: JUN HOURS: ALL

TSTMS	6.9		17.1	33.1	28.0	14.9	175
LIQUID PRECIP	3.8		25.8	37.8	23.9	.6	209
FREEZING PRECIP							
FROZEN PRECIP							
FOG	4.8		32.4	38.8	11.2	12.8	188
FOG WITH VIS GE 1/2 MILES	4.8		32.4	38.8	11.2	12.8	188
TOTAL OBS	318	0	761	1064	1563	494	4200

A - 5 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	5.9		27.5	21.6	26.5	18.6	102
LIQUID PRECIP	7.4		26.4	31.4	20.7	14.0	121
FREEZING PRECIP							
FROZEN PRECIP							
FOG	5.5		36.4	25.5	19.1	13.6	110
FOG WITH VIS GE 1/2 MILES	5.5		36.7	24.8	19.3	13.8	109
TOTAL OBS	247	0	807	1044	1759	339	4196

MONTH: AUG HOURS: ALL

TSTMS	9.0		25.2	35.1	15.3	15.3	111
LIQUID PRECIP	2.0		27.3	33.8	22.7	14.1	198
FREEZING PRECIP							
FROZEN PRECIP							
FOG	4.3		36.2	33.1	16.5	9.8	254
FOG WITH VIS GE 1/2 MILES	4.0		36.5	32.9	16.7	9.9	252
TOTAL OBS	241	0	919	1287	1500	393	4340

A - 5 - 4

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	2.4		19.0	33.3	25.0	20.2	84
LIQUID PRECIP	5.6		38.3	17.9	21.4	16.8	196
FREEZING PRECIP							
FROZEN PRECIP							
FOG	8.3		24.8	34.5	18.4	14.1	206
FOG WITH VIS GE 1/2 MILES	8.3		25.0	33.8	18.6	14.2	204
TOTAL OBS	227	0	768	1264	1274	523	4056

MONTH: OCT HOURS: ALL

TSTMS	4.8		7.1	40.5	33.3	14.3	42
LIQUID PRECIP	6.0		38.1	30.8	12.4	12.7	386
FREEZING PRECIP							
FROZEN PRECIP							
FOG	10.4		34.4	31.9	10.2	13.1	489
FOG WITH VIS GE 1/2 MILES	10.1		34.5	32.0	10.1	13.3	475
TOTAL OBS	336	0	817	1066	1175	799	4193

A - 5 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	5.9		5.9	35.3	47.1	5.9	17
LIQUID PRECIP	4.8		32.0	23.5	18.1	21.5	353
FREEZING PRECIP	2.1		80.9	6.4		10.6	47
FROZEN PRECIP	2.9		27.9	13.5	6.7	49.0	104
FOG	4.9		39.9	17.8	17.8	19.6	572
FOG WITH VIS GE 1/2 MILES	4.7		40.1	17.6	17.9	19.7	558
TOTAL OBS	271	0	694	806	1168	937	0 3876

MONTH: DEC HOURS: ALL

TSTMS			28.6	28.6	42.9		7
LIQUID PRECIP	3.6		35.5	20.0	22.3	18.6	220
FREEZING PRECIP	2.4		71.4	9.5	2.4	14.3	84
FROZEN PRECIP	6.1		45.2	5.7	8.8	34.2	228
FOG	9.9		33.6	18.5	14.5	23.6	747
FOG WITH VIS GE 1/2 MILES	8.3		34.3	16.9	15.0	25.5	662
TOTAL OBS	301	0	689	631	1198	1202	0 4021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 089	090 - 179	180 - 269	270 - 359	NO OF OBS
TSTMS	5.3		22.2	33.3	25.5	13.7	796
LIQUID PRECIP	4.5		34.4	28.7	16.4	16.0	3079
FREEZING PRECIP	3.9		74.0	9.8	2.4	9.8	254
FROZEN PRECIP	3.2		46.6	7.8	6.0	36.4	1171
FOG	6.9		38.0	23.9	12.8	18.4	4929
FOG WITH VIS GE 1/2 MILES	6.5		37.8	23.8	13.0	18.9	4696
TOTAL OBS	3027	0	9879	11292	15491	9860	0 49549

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBB
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

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY (SOD) DATA.

PERCENT OCCURRENCE FREQUENCY.

THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY OF PRECIPITATION, SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR ALL YEARS COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS, PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS WITH TRACES, AND PERCENT OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PROVIDE AN OBSERVATION COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE, AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.

THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY. THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.

THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBSERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH LESS THAN 90% OF DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENCE BY SNOW YEAR.

THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES OF SNOWFALL AND SNOW DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR THE YEAR. THE FIRST (OR LAST) ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST) MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A (OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED WHEN NO SNOWFALL OCCURS DURING THE GIVEN YEAR.

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

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

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

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

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

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

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

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

CONVERSIONS:

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE-NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	55.5	55.1	50.6	49.5	48.9	52.5	61.7	62.5	61.2	63.2	62.1	55.2	56.5
TRACE	21.0	19.8	19.2	14.8	13.8	12.4	11.3	10.5	11.1	10.1	14.9	21.3	15.0
.01	2.9	3.4	3.0	4.5	3.3	2.7	2.5	2.6	2.2	2.3	2.2	3.0	2.9
.02-.05	6.2	7.2	6.2	7.8	7.2	5.4	4.0	4.9	4.0	4.8	5.8	5.0	5.7
.06-.10	3.0	2.8	4.3	4.5	3.3	3.2	3.5	2.2	2.4	3.0	2.7	4.4	3.3
.11-.25	5.4	5.1	5.0	6.5	5.7	5.7	4.4	4.8	5.3	4.1	4.3	4.7	5.1
.26-.50	3.2	3.4	6.9	5.0	7.7	7.0	3.6	4.4	5.0	4.3	4.1	3.5	4.9
.51-1.00	2.1	2.5	3.6	4.5	5.7	5.9	5.4	4.9	4.8	4.3	2.2	2.1	4.0
1.01-2.50	.7	.7	1.3	2.8	4.1	4.2	3.3	2.8	2.7	3.5	1.6	.7	2.4
2.51-5.00				.2	.2	.8	.4	.3	1.1	.4	.1	.1	.3
5.01-10.00								.1	.1				.0
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	23.5	25.0	30.2	35.8	37.3	35.0	26.9	27.0	27.7	26.6	23.1	23.5	28.5
TOTAL NO. OF OBSERVATIONS	1099	1010	1121	1110	1135	1110	1137	1116	1067	1104	1062	1100	13171

B - 2 - 1

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			TRACE*	2.46	5.02	3.14	1.75	7.76	1.63	9.24	.07	1.30	32.37*
55	2.71	2.82	1.40	.82	8.02	3.61	1.54	1.40	4.84	3.10	.07	.23	30.56
56	1.13	1.29	.54	1.84	2.80	3.62	3.47	2.01	.09	.35	2.57	1.12	20.83
57	.92	.45	1.75	1.92	4.19	7.43	1.42	.18	6.31	4.03	1.81	1.92	32.33
58	1.71	1.46	2.47	2.54	3.54	5.95	12.40	4.35	5.14	.58	2.01	.47	42.62
59	1.13	1.06	3.50	2.06	2.63	1.67	4.14	3.54	2.02	5.80	.08	1.36	28.99
60	1.40	2.16	2.57	5.44	3.15	3.91	3.52	3.47	.81	7.19	.03	2.79	36.44
61	.13	2.38	4.78	8.35	6.19	3.82	8.86	3.48	13.54	4.35	5.67	1.02	62.57
62	2.59	1.95	2.19	.72	4.19	2.17	2.41	2.20	6.40	1.61	1.08	1.24	28.75
63	.83	.25	2.29	.73	4.87	5.10	7.10	1.60	1.94	1.68	1.79	.29	38.47
64	1.28	.98	2.73	6.55	6.47	5.42	3.01	4.11	2.00	.18	5.18	1.46	39.37
65	3.39	1.12	1.75	1.96	2.19	7.29	6.73	4.51	9.33	2.12	.32	2.25	42.98
66	.25	.89	1.36	2.83	1.21	6.41	1.65	4.69	2.79	.30	.91	.79	24.08
67	1.32	.27	3.39	5.71	3.92	11.86	1.76	2.09	4.95	8.84	.44	1.58	46.13
68	.29	.56	.45	3.51	4.77	2.03	4.50	6.11	1.29	3.12	2.62	1.76	31.01
69	2.11	.90	1.44	4.05	2.21	12.57	4.01	3.56	5.21	8.28	.21	.68	45.23
70	.95	.63	1.62	5.79	4.88	5.86	.71	3.63	10.02	2.99	.82	.95	38.85
71	1.69	3.15	1.06	1.05	3.23	4.26	6.25	.19	4.83	3.23	2.77	5.53	37.24
72	.72	.54	1.93	5.42	2.73	4.34	4.00	1.74	2.48	3.39	3.11	1.13	31.65
73	3.31	1.27	11.48	4.52	7.20	3.24	7.50	1.40	13.02	4.83	2.73	3.14	63.64
74	1.70	1.61	1.90	2.91	6.62	4.19	.91	6.93	1.42	3.86	2.48	1.93	36.46
75	2.31	2.15	2.25	3.50	3.50	3.24	.20	2.63	5.17	.27	2.15	1.64	29.01
76	.70	.72	1.83	2.96	4.11	5.45	.68	.68	1.80	4.00	.42	.01	23.36
77	1.32	.23	2.98	3.13	5.60	5.67	2.24	4.24	7.10	6.85	1.90	.59	41.85
78	.54	1.41	2.51	4.71	3.80	1.82	2.36	4.10	1.70	.78	4.21	1.16	29.10
79	3.61	.81	3.36	2.52	2.18	6.40	4.26	2.30	4.71	3.24	3.05	.01	36.45
80	1.70	2.22	3.74	1.04	3.97	2.75	1.51	5.99	2.71	3.44	.74	1.88	31.69
81	.67	.69	2.71	2.34	7.65	7.60	5.39	2.01	3.47	4.83	4.28	.57	42.21
82	2.62	1.91	1.69	3.42	9.80	7.31	5.07	10.16	1.73	2.48	1.24	3.14	50.57
83	.99	1.41	2.19	6.80	5.43	7.37	.85	.60	1.92	6.11	3.57	2.19	39.43
84	.34	1.32	4.18	7.13	4.06	9.92	2.02	.61	3.57	7.30	3.13	4.27	47.85
85	1.97	4.43	3.18	2.37	4.38	6.38	1.76	8.02	6.35	4.80	4.77	1.41	49.82

B - 2 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.04	1.07	1.82	3.51	3.78	2.39	7.03	5.54	14.78	6.03	1.42	1.39	48.80
87	1.45	3.50	4.22	2.71	5.76	5.79	2.21	4.80	.94	2.44	2.89	3.54	40.25
88	.78	1.06	1.57	3.63	1.45	5.01	3.42	3.26	7.60	.49	2.64	1.53	32.44
89	1.15	.94	2.16	1.43	4.84	3.18	4.14	5.15	5.35	5.64	TRACE	.65	34.63
90	1.64	2.68	3.88	3.29	11.67	6.21	4.63						33.40*
.....													
LEAST	.04	.23	.45	.72	1.21	1.67	.20	.18	.09	.18	TRACE	.01	20.83
GREATEST	3.61	4.43	11.48	8.35	11.67	12.57	12.40	10.16	14.78	9.24	5.67	5.53	63.64
MEAN	1.43	1.45	2.63	3.40	4.65	5.25	3.64	3.58	4.69	3.83	2.64	1.58	37.88
MEDIAN	1.30	1.20	2.22	2.96	4.19	5.10	3.42	3.51	4.14	3.42	1.96	1.38	36.46
SD	.927	.973	1.828	1.922	2.218	2.563	2.630	2.349	3.688	2.551	1.576	1.192	9.950
.....													
TOTAL OBS	1099	1010	1121	1110	1135	1110	1137	1116	1067	1104	1062	1100	13171

THE GREATEST VALUE OF 14.78 OCCURRED ON 09/86

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

B - 2 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			TRACE*	1.18	1.79	2.08	1.02	3.46	.93	3.84	.05	.71	3.84*
55	1.15	1.21	.66	.23	2.19	1.66	1.21	.68	1.96	2.42	.06	.16	2.42
56	.63	.52	.17	1.20	1.05	.95	.87	.72	.09	.21	1.82	.38	1.82
57	.27	.20	.80	.29	1.27	2.16	1.04	.06	4.78	1.42	.54	.69	4.78
58	.57	.94	.74	.80	1.73	2.41	2.93	2.57	1.92	.54	.86	.24	2.93
59	.45	.85	1.60	.77	.91	.53	1.39	1.32	.52	2.22	.07	.41	2.22
60	.61	.84	.58	3.42	.69	1.37	.80	1.05	.53	1.52	.02	1.05	3.42
61	.06	1.39	1.37	2.10	2.00	1.60	3.04	1.17	4.67	1.21	1.90	.25	4.67
62	.66	.56	1.82	.36	1.15	.66	1.15	1.15	1.25	.61	.37	.65	1.82
63	.58	.15	1.39	.49	1.35	2.29	4.16	.68	.64	.48	1.20	.29	4.16
64	.63	.52	1.02	2.17	3.38	1.23	1.13	1.86	.57	.09	3.61	.81	3.61
65	1.65	.64	.60	.64	.89	2.55	1.57	.82	4.21	.96	.27	1.12	4.21
66	.24	.41	.70	1.26	.46	2.14	1.28	2.14	1.70	.10	.52	.54	2.14
67	.55	.21	1.61	1.64	1.43	2.49	.79	.88	2.57	2.79	.40	.45	2.79
68	.15	.33	.43	1.12	1.31	1.18	1.08	1.17	.95	1.15	1.71	.54	1.31
69	.45	.50	.87	1.63	.81	2.14	1.57	2.05	2.30	2.82	.06	.13	2.82
70	.50	.26	1.12	2.58	1.24	2.71	.50	1.76	5.19	1.38	.43	.50	5.19
71	1.05	1.63	.49	.41	.83	2.29	1.64	.13	2.29	2.15	.93	3.17	3.17
72	.19	.22	.42	1.84	.90	3.79	1.45	.56	.46	1.01	1.14	.42	3.79
73	1.22	.74	1.90	1.17	1.61	.69	1.32	.80	1.74	3.50	1.96	1.53	3.50
74	.54	.99	.62	1.04	1.74	1.79	.81	1.14	.95	1.40	1.30	.64	1.79
75	1.27	.80	.61	1.46	1.04	.95	.14	.91	1.72	.17	.53	1.03	1.72
76	.41	.19	.63	.78	1.26	1.72	.64	.24	.72	1.39	.40	.01	1.72
77	.29	.21	1.45	.83	1.36	2.00	.67	1.14	3.77	2.19	.72	.15	3.77
78	.25	.61	.76	1.12	.82	1.14	.80	1.64	.46	.52	1.46	.70	1.64
79	1.18	.51	1.10	.78	.76	2.72	1.14	.72	2.65	1.32	2.41	.01	2.72
80	.74	.70	.90	.62	1.49	1.75	.72	2.25	2.17	.94	.50	1.22	2.25
81	.29	.43	.80	.99	2.44	2.22	1.58	.65	2.45	2.26	1.68	.31	2.45
82	1.15	.55	.80	1.33	2.13	2.98	1.46	6.11	.98	1.12	.36	1.06	6.11
83	.55	1.07	.91	2.11	2.45	2.36	.61	.32	.88	1.60	1.13	.45	2.45
84	.13	.41	.72	1.95	2.35	4.38	1.64	.28	2.37	1.34	2.28	1.43	4.38
85	.59	1.65	.78	.93	1.46	2.61	.78	2.70	1.50	1.61	1.92	.66	2.70

B - 2 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.03	.43	.91	.82	1.19	.73	2.00	1.48	3.90	1.64	.45	.94	3.90
87	.66	1.95	1.62	1.25	1.01	1.19	.84	1.15	.21	1.00	.79	1.60	1.95
88	.52	.62	.41	1.82	.41	2.63	.90	1.03	3.74	.41	1.03	.94	3.74
89	.52	.35	1.18	.89	1.20	.57	1.47	2.44	2.36	1.65	TRACE	.18	2.44
90	.56	.96	1.52	1.85	4.83	2.21	1.02						4.83*

GREATEST	1.65	1.95	1.90	3.42	4.83	4.38	4.16	6.11	5.19	3.84	3.61	3.17	6.11
TOTAL OBS	1099	1010	1121	1110	1135	1110	1137	1116	1067	1104	1062	1100	13171

THE GREATEST VALUE OF 6.11 OCCURRED ON 08/13/82

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: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	68.5	70.6	80.0	96.2	100.0	100.0	100.0	100.0	100.0	99.0	88.3	75.1	90.0
TRACE	17.2	15.3	11.1	2.3						1.0	8.4	14.4	5.7
0.1-0.4	5.1	5.6	4.0	.5							1.7	3.9	1.7
0.5-1.4	4.0	4.4	2.2	.5							1.0	3.9	1.3
1.5-2.4	2.3	1.6	.9	.2							.3	1.5	.5
2.5-3.4	1.0	.8	.7	.3							.1	.8	.3
3.5-4.4	.5	.3	.5	.1								.2	.1
4.5-6.4	1.4	1.0	.4	.1							.2		.3
6.5-10.4		.3	.1									.3	.1
10.5-15.4	.1	.1											.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	14.4	14.1	8.9	1.5							3.3	10.5	4.3
TOTAL NO. OF OBSERVATIONS	1100	1010	1121	1110	1138	1110	1139	1116	1072	1107	1064	1100	13187

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHAFDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			TRACE*	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.2	7.2*
55	5.7	5.0	9.7	.0	.0	.0	.0	.0	.0	.0	.7	2.2	23.3
56	10.9	6.4	3.7	3.4	.0	.0	.0	.0	.0	.0	TRACE	1.6	26.0
57	4.0	.2	.4	2.7	.0	.0	.0	.0	.0	TRACE	TRACE	2.5	9.8
58	9.2	1.9	5.5	.0	.0	.0	.0	.0	.0	.0	7.0	4.0	27.6
59	12.9	1.0	5.3	2.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	21.2
60	4.7	14.1	18.4	.3	.0	.0	.0	.0	.0	.0	.1	4.2	41.8
61	.9	3.0	.7	5.3	.0	.0	.0	.0	.0	.0	.3	8.7	18.9
62	18.9	2.8	.3	.5	.0	.0	.0	.0	.0	.0	TRACE	5.2	27.7
63	7.5	1.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	12.1
64	6.3	8.0	4.5	.0	.0	.0	.0	.0	.0	.0	.3	2.0	21.1
65	1.9	6.8	7.7	.0	.0	.0	.0	.0	.0	.0	TRACE	3.0	19.4
66	TRACE	3.4	2.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	1.7	7.6
67	2.6	.4	.5	.0	.0	.0	.0	.0	.0	TRACE	TRACE	8.9	12.4
68	1.0	4.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	1.7	7.8
69	5.9	1.1	3.3	.0	.0	.0	.0	.0	.0	TRACE	.3	4.9	15.5
70	6.4	1.6	2.8	4.2	.0	.0	.0	.0	.0	TRACE	TRACE	1.6	16.6
71	1.3	12.4	6.9	.0	.0	.0	.0	.0	.0	.0	3.5	2.6	26.7
72	4.9	2.6	6.4	.0	.0	.0	.0	.0	.0	.0	1.8	2.4	18.1
73	17.5	1.0	.0	.4	.0	.0	.0	.0	.0	.0	TRACE	7.8	26.7
74	5.0	1.7	2.1	TRACE	.0	.0	.0	.0	.0	.0	2.0	.6	11.4
75	.9	13.9	8.8	.6	.0	.0	.0	.0	.0	.0	7.8	3.0	38.0
76	7.8	4.6	.7	.0	.0	.0	.0	.0	.0	TRACE	.5	TRACE	13.6
77	14.9	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.4	.9	19.2
78	4.0	14.0	10.6	.0	.0	.0	.0	.0	.0	.0	TRACE	11.0	39.6
79	26.1	1.0	3.5	3.1	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	33.7
80	3.8	16.2	3.2	.0	.0	.0	.0	.0	.0	TRACE	.0	1.7	24.9
81	2.0	6.2	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.6	11.8
82	4.8	17.1	.3	.6	.0	.0	.0	.0	.0	.0	.8	TRACE	23.6
83	7.8	12.9	1.6	4.1	.0	.0	.0	.0	.0	.0	.9	14.7	42.0
84	3.7	1.5	8.6	.0	.0	.0	.0	.0	.0	.0	.2	2.1	16.1
85	20.1	4.9	.1	.0	.0	.0	.0	.0	.0	.0	1.4	2.4	28.9

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.1	3.5	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.4	.4	4.4
87	14.1	4.5	.2	.0	.0	.0	.0	.0	.0	.0	1.1	13.8	33.7
88	1.3	9.1	6.6	.0	.0	.0	.0	.0	.0	.0	2.2	TRACE	19.2
89	.3	8.4	.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.8	14.8
90	2.1	3.8	6.4	TRACE	.0	.0	.0						12.3*
LEAST	TRACE	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	4.4
GREATEST	26.1	17.1	18.4	5.3	.0	.0	.0	.0	.0	TRACE	7.8	14.7	42.0
MEAN	6.8	5.6	3.6	.7	.0	.0	.0	.0	.0	TRACE	.9	3.8	21.6
MEDIAN	4.9	4.0	2.7	.0	.0	.0	.0	.0	.0	.0	.3	2.5	19.4
SD	6.327	4.932	4.127	1.455	.000	.000	.000	.000	.000	.000	1.785	3.773	9.943
TOTAL OBS	1100	1010	1121	1110	1138	1110	1139	1116	1072	1107	1064	1100	13187

THE GREATEST VALUE OF 26.1 OCCURRED ON 01/79

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			TRACE*	.0	.0	.0	.0	.0	.0	TRACE	TRACE	7.2	7.2*
55	5.0	3.6	5.3	.0	.0	.0	.0	.0	.0	.0	.6	1.5	5.3
56	6.3	4.9	1.7	3.4	.0	.0	.0	.0	.0	.0	TRACE	1.0	6.3
57	1.8	.2	.4	1.7	.0	.0	.0	.0	.0	TRACE	TRACE	1.6	1.8
58	5.7	1.5	2.7	.0	.0	.0	.0	.0	.0	.0	6.4	2.1	6.4
59	4.5	.5	3.3	2.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	4.5
60	3.6	5.0	6.6	.3	.0	.0	.0	.0	.0	.0	.1	3.0	6.6
61	.6	1.7	.7	5.0	.0	.0	.0	.0	.0	.0	.2	2.5	5.0
62	5.7	1.7	.3	.5	.0	.0	.0	.0	.0	.0	TRACE	2.3	5.7
63	5.9	.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.2	5.9
64	3.8	6.2	3.6	.0	.0	.0	.0	.0	.0	.0	.3	2.0	6.2
65	.8	6.4	2.2	.0	.0	.0	.0	.0	.0	.0	TRACE	1.4	6.4
66	TRACE	2.6	1.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.9	2.6
67	2.2	.4	.4	.0	.0	.0	.0	.0	.0	TRACE	TRACE	2.3	2.3
68	.4	2.1	TRACE	TRACE	.0	.0	.0	.0	.0	.0	1.0	1.3	2.1
69	4.5	.8	3.2	.0	.0	.0	.0	.0	.0	TRACE	.3	1.5	4.5
70	3.2	1.6	.8	3.4	.0	.0	.0	.0	.0	TRACE	TRACE	1.0	3.4
71	.6	6.0	4.2	.0	.0	.0	.0	.0	.0	.0	1.9	2.6	6.0
72	1.9	1.3	3.8	.0	.0	.0	.0	.0	.0	.0	.9	1.0	3.8
73	6.0	.5	.0	.4	.0	.0	.0	.0	.0	.0	TRACE	4.4	6.0
74	2.4	1.0	1.5	TRACE	.0	.0	.0	.0	.0	.0	1.5	.3	2.4
75	1.8	8.7	6.0	.6	.0	.0	.0	.0	.0	.0	5.1	1.7	8.7
76	4.9	2.0	.6	.0	.0	.0	.0	.0	.0	TRACE	.3	TRACE	4.9
77	2.8	3.0	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.3	.4	3.0
78	2.5	6.7	6.1	.0	.0	.0	.0	.0	.0	.0	TRACE	7.0	7.0
79	11.0	.7	3.3	3.1	.0	.0	.0	.0	.0	TRACE	TRACE	TRACE	11.0
80	2.0	7.0	1.5	.0	.0	.0	.0	.0	.0	TRACE	.0	.9	7.0
81	1.0	4.3	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.3	4.3
82	2.5	5.5	.3	.5	.0	.0	.0	.0	.0	.0	.8	TRACE	5.5
83	5.5	10.7	1.1	3.8	.0	.0	.0	.0	.0	.0	.7	3.2	10.7
84	1.5	.9	4.4	.0	.0	.0	.0	.0	.0	.0	.2	2.0	4.4
85	6.3	1.7	.1	.0	.0	.0	.0	.0	.0	.0	1.0	1.0	6.3

B - 3 - 3A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.1	1.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	.2	.4	1.8
87	6.2	3.2	.2	.0	.0	.0	.0	.0	.0	.0	1.1	8.0	8.0
88	.8	6.2	2.4	.0	.0	.0	.0	.0	.0	.0	2.2	TRACE	6.2
89	.3	3.2	.3	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	1.9	3.2
90	2.0	2.1	5.0	TRACE	.0	.0	.0						5.0*

GREATEST	11.0	10.7	6.6	5.0	.0	.0	.0	.0	.0	TRACE	6.4	8.0	11.0
TOTAL OBS	1100	1010	1121	1110	1138	1110	1139	1116	1072	1107	1064	1100	13187

THE GREATEST VALUE OF 11.0 OCCURRED ON 01/13/79

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

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	52.1	57.2	83.7	97.9	100.0	100.0	100.0	100.0	100.0	100.0	94.9	70.5	88.3
TRACE	11.1	15.7	6.4	1.2							3.5	11.9	4.0
1	10.8	7.4	2.9	.5							.8	7.5	2.4
2	6.7	5.3	1.4	.3							.3	5.1	1.6
3	5.3	3.0	1.8	.1							.1	2.3	1.0
4-6	8.2	6.2	2.0	.1							.3	1.6	1.6
7-12	3.5	3.9	1.2								.1	1.1	.8
13-24	1.0	1.2	.6										.2
25-36	.3												.0
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	36.8	27.0	9.9	.9							1.6	17.6	7.7
TOTAL NO. OF OBSERVATIONS	1100	1010	1121	1110	1138	1110	1139	1116	1072	1107	1064	1100	13187

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			TRACE*	0	0	0	0	0	0	0	0	7	7*
55	6	3	5	0	0	0	0	0	0	0	1	2	6
56	6	9	2	1	0	0	0	0	0	0	TRACE	1	9
57	3	1	TRACE	2	0	0	0	0	0	0	0	2	3
58	9	4	3	0	0	0	0	0	0	0	7	3	9
59	6	2	3	0	0	0	0	0	0	0	TRACE	TRACE	6
60	4	10	16	TRACE	0	0	0	0	0	0	TRACE	3	16
61	1	3	TRACE	3	0	0	0	0	0	0	TRACE	5	5
62	14	2	1	TRACE	0	0	0	0	0	0	0	4	14
63	6	1	0	0	0	0	0	0	0	0	0	3	6
64	6	6	4	0	0	0	0	0	0	0	0	3	6
65	1	6	5	0	0	0	0	0	0	0	0	1	6
66	0	3	1	0	0	0	0	0	0	0	0	1	3
67	2	0	TRACE	0	0	0	0	0	0	0	0	3	3
68	3	2	0	0	0	0	0	0	0	0	TRACE	2	3
69	5	3	3	0	0	0	0	0	0	0	0	3	5
70	6	2	1	4	0	0	0	0	0	0	0	2	6
71	TRACE	8	5	0	0	0	0	0	0	0	TRACE	1	8
72	1	1	3	0	0	0	0	0	0	0	1	1	3
73	7	1	0	1	0	0	0	0	0	0	0	4	7
74	9	1	1	TRACE	0	0	0	0	0	0	2	2	9
75	2	8	6	TRACE	0	0	0	0	0	0	5	2	8
76	5	2	1	0	0	0	0	0	0	0	TRACE	TRACE	5
77	7	3	TRACE	0	0	0	0	0	0	0	TRACE	TRACE	7
78	4	12	7	0	0	0	0	0	0	0	TRACE	5	12
79	25	17	3	2	0	0	0	0	0	0	TRACE	TRACE	25
80	4	16	3	0	0	0	0	0	0	0	0	1	16
81	1	4	TRACE	0	0	0	0	0	0	0	0	2	4
82	5	12	TRACE	TRACE	0	0	0	0	0	0	TRACE	0	12
83	4	8	2	2	0	0	0	0	0	0	TRACE	8	8
84	6	1	4	0	0	0	0	0	0	0	0	1	6
85	7	7	0	0	0	0	0	0	0	0	1	2	7

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	TRACE	2	0	0	0	0	0	0	0	0	0	TRACE	2
87	6	4	0	0	0	0	0	0	0	0	1	12	12
88	1	6	2	0	0	0	0	0	0	0	2	0	6
89	TRACE	3	TRACE	0	0	0	0	0	0	0	0	4	4
90	1	2	6	0	0	0	0						6*

GREATEST	25	17	16*	4	0	0	0	0	0	0	7	12	25*
TOTAL OBS	1100	1010	1121	1110	1138	1110	1139	1116	1072	1107	1064	1100	13187

THE GREATEST VALUE OF 25 OCCURRED ON 01/14/79

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

B - 4 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO

PERIOD OF RECORD: 5403-9007

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
53 - 54	MAR 29			MAR 29		
54 - 55	OCT 30	DEC 29	DEC 29	MAR 27	MAR 25	MAR 27
55 - 56	NOV 02	NOV 15	NOV 16	APR 23	APR 09	APR 10
56 - 57	NOV 21	DEC 08	DEC 08	APR 11	APR 11	APR 12
57 - 58	OCT 25	DEC 08	DEC 08	MAR 23	MAR 19	MAR 17
58 - 59	NOV 25	NOV 27	NOV 28	APR 10	APR 08	MAR 15
59 - 60	NOV 05	JAN 17	JAN 17	APR 30	APR 30	MAR 26
60 - 61	NOV 09	NOV 09	DEC 11	APR 09	APR 09	APR 09
61 - 62	NOV 02	NOV 18	DEC 09	APR 01	APR 01	MAR 02
62 - 63	NOV 18	DEC 07	DEC 11	MAR 05	FEB 23	FEB 01
63 - 64	NOV 22	DEC 11	DEC 11	MAR 25	MAR 25	MAR 06
64 - 65	NOV 18	NOV 19	DEC 04	MAR 25	MAR 25	MAR 26
65 - 66	NOV 26	DEC 14	DEC 15	APR 04	MAR 27	MAR 05
66 - 67	NOV 01	DEC 22	DEC 23	MAR 19	MAR 07	JAN 31
67 - 68	OCT 26	DEC 02	DEC 03	APR 04	FEB 29	FEB 29
68 - 69	NOV 08	NOV 28	DEC 28	MAR 26	MAR 08	MAR 13
69 - 70	OCT 29	NOV 13	DEC 07	APR 04	APR 03	APR 04
70 - 71	OCT 09	DEC 15	DEC 16	MAR 25	MAR 25	MAR 26
71 - 72	NOV 22	NOV 23	DEC 13	MAR 31	MAR 31	MAR 29
72 - 73	NOV 14	NOV 16	NOV 16	APR 10	APR 08	APR 10
73 - 74	NOV 27	DEC 14	DEC 19	APR 04	MAR 23	MAR 24
74 - 75	NOV 05	NOV 29	NOV 29	APR 02	APR 02	MAR 29
75 - 76	NOV 20	NOV 25	NOV 26	MAR 16	MAR 15	MAR 16
76 - 77	OCT 18	NOV 23	JAN 02	APR 05	FEB 26	FEB 27
77 - 78	NOV 09	NOV 26	JAN 12	MAR 25	MAR 25	MAR 27
78 - 79	NOV 14	DEC 07	DEC 08	APR 04	APR 03	APR 04
79 - 80	OCT 22	JAN 26	JAN 27	MAR 13	MAR 13	MAR 13
80 - 81	OCT 28	DEC 09	DEC 24	MAR 18	FEB 10	FEB 15
81 - 82	NOV 19	DEC 16	DEC 17	APR 08	APR 08	FEB 15
82 - 83	NOV 23	NOV 23	JAN 22	APR 19	APR 08	APR 04
83 - 84	NOV 09	NOV 23	DEC 15	MAR 20	MAR 20	MAR 20
84 - 85	NOV 10	NOV 18	DEC 05	MAR 31	MAR 31	FEB 17
85 - 86	NOV 19	NOV 27	NOV 30	MAR 20	FEB 21	FEB 15

OPERATING-LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO

PERIOD OF RECORD: 5403-9007

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	OCT 14	NOV 10	JAN 09	MAR 29	MAR 01	FEB 20
87 - 88	NOV 28	NOV 29	NOV 29	MAR 29	MAR 29	MAR 04
88 - 89	NOV 20	NOV 20	NOV 20	APR 10	MAR 20	FEB 28
89 - 90	OCT 19	DEC 11	DEC 15	APR 05	MAR 24	MAR 26

MEDIAN-DATE	NOV 09	NOV 28	DEC 11	MAR 31	MAR 25	MAR 16
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PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	CCCCCC
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

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA WAS 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: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO

PERIOD OF RECORD: 5403-9007

LST TO UTC: +06

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
54			*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56	*	*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	S *38	SW 34	WNW 57	S 30	NE 38	WNW 25	NNW 34	NNW 35	SSW 42	WNW*57
58	NNW 28	SE 28	ENE*29	SSW 39	NNW 36	NNW 32	SW 52	NNE 47	SW 29	S 33	SSW 46	S 24	SW *52
59	WSW 34	WNW 33	NNW 41	WNW 43	W 39	NNE 49	NE 34	NW 40	WSW 37	WNW 36	WNW 34	W 28	NNE 49
60	S 30	NNW 27	NW 31	SSE 39	S 37	S 37	SSE 30	NW 38	SW 27	SSE 32	S 39	S 41	S 41
61	NW 32	WNW 42	SSW 42	NNW 38	ENE 38	ENE 35	S 38	N 33	NW 38	WNW 42	NNW 39	WNW 40	WNW 42
62	S 35	NNW 36	WNW 32	S 45	W 44	SW 28	N 36	SSE 30	ENE 44	N 32	SSW 29	NNW 33	S 45
63	N 35	N 37	SW 40	W 38	NW 44	ENE 40	N 26	NNE 31	N 36	S 41	SSW 39	WNW 51	WNW 51
64	NNE 36	S 38	SSW*39	W 47	NNE 59	SE 49	WNW*49	NE *31	SSW 34	S 35	S 43	S 41	NNE*59
65	NW 33	SSW 36	WNW 39	WSW 41	WSW 43	SSE 44	WNW 42	S 46	SW 40	WNW 32	WNW*31	S 40	S *46
66	SSW 39	SSE 33	SSW 41	S 35	W *46	SSE 34	N 33	NE 44	N 25	S 37	NNW 39	S 30	W *46
67	SSW 52	SSW 38	S 42	S 43	SSW 34	WNW 42	NNE 30	N 44	" 28	S 38	N 28	N 40	SSW 52
68	N 29	NW 32	S 41	SSW 43	SW 37	S *36	20/*36	33/ 32	30/ 26	34/ 40	33/ 30	22/ 45	22/*45
69	34/ 33	32/ 29	05/ 43	21/*36	34/ 38	31/ 40	01/ 39	21/ 24	21/ 32	18/ 40	18/ 42	31/ 32	05/*43
70	24/ 36	36/ 35	16/ 29	24/ 40	15/ 33	10/ 33	16/ 27	08/ 28	28/ 36	25/ 46	20/ 40	22/ 42	25/ 46
71	22/ 34	06/ 36	22/ 48	02/ 40	27/ 46	22/ 39	19/ 31	04/ 28	20/ 36	18/ 33	31/ 32	25/ 34	22/ 48
72	21/ 37	30/ 37	19/ 38	01/ 36	21/ 32	20/ 24	20/ 33	24/ 29	33/ 33	17/ 27	06/ 42	22/ 40	06/ 42
73	21/ 35	19/ 28	22/ 44	32/ 38	17/ 30	25/ 43	35/ 31	21/ 28	19/ 41	19/ 38	21/ 39	02/ 33	22/ 44
74	22/ 22	33/ 36	23/ 34	18/ 36	19/ 40	19/ 32	32/ 30	35/ 42	04/ 27	17/ 46	07/ 35	23/ 33	17/ 46
75	31/ 37	05/ 26	23/ 40	12/ 51	20/ 34	16/ 40	28/ 28	18/ 34	01/ 35	19/ 32	19/ 41	19/ 39	12/ 51
76	11/ 32	15/ 46	32/ 40	18/ 39	20/ 30	29/ 36	01/ 29	17/ 29	36/ 30	17/ 28	21/ 31	19/ 41	15/ 46
77	35/ 32	31/ 43	21/ 46	22/ 36	21/ 48	13/ 32	29/ 30	19/ 35	27/ 29	13/*25	18/ 36	18/ 36	21/*48
78	31/ 30	34/ 30	02/ 40	14/ 35	31/ 36	20/ 31	04/ 31	21/ 28	31/ 25	03/ 28	02/ 25	15/ 28	02/ 40
79	35/ 30	33/ 30	33/ 31	21/ 31	18/ 31	06/ 39	32/ 38	18/ 27	08/ 30	19/ 36	23/ 26	31/ 30	06/ 39
80	34/ 40	32/ 32	19/ 31	18/ 44	32/ 31	17/ 27	23/ 25	01/ 29	20/ 29	17/ 27	21/ 24	34/ 26	18/ 44
81	05/ 25	34/ 34	06/ 36	17/ 48	32/ 31	22/ 38	17/ 25	12/ 26	21/ 25	32/ 33	32/ 29	33/ 30	17/ 48
82	35/ 31	21/ 26	20/ 37	28/ 44	29/ 30	08/ 28	02/ 28	35/ 32	17/ 30	31/ 32	17/ 42	21/ 33	28/ 44
83	34/ 34	02/ 30	11/ 36	01/ 43	19/ 40	19/ 37	31/ 47	18/ 22	34/ 36	17/ 34	18/ 31	29/ 29	31/ 47
84	30/ 41	33/ 38	28/ 36	20/ 38	19/ 27	19/ 39	23/ 21	19/ 20	22/ 33	20/ 30	19/ 36	18/ 32	30/ 41
85	33/ 39	18/ 30	18/ 43	31/ 34	04/ 32	21/ 29	36/ 27	34/ 39	19/ 31	18/ 41	20/ 33	25/ 29	18/ 43

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	28/ 35	01/ 30	10/ 43	28/ 33	22/ 34	25/ 33	23/*37	25/ 35	30/ 63	19/ 30	21/ 36	35/ 28	30/*63
87	28/ 33	05/ 37	08/ 40	25/ 30	18/ 31	31/ 38	26/ 39	07/ 38	34/ 30	33/ 31	01/ 30	02/ 41	02/ 41
88	22/ 42	01/ 34	18/ 42	35/ 36	22/ 39	17/ 28	31/ 28	24/ 44	21/ 36	19/ 34	18/ 39	14/ 50	14/ 50
89	31/ 28	01/ 30	30/ 47	36/ 36	20/ 36	01/ 36	01/ 26	01/ 38	02/ 39	20/ 30	32/ 35	35/ 31	30/ 47
90	23/ 49	20/ 40	20/ 36	01/ 34	02/*22	*	*						23/*49

GREATEST	SSW 52	15/ 46	22/ 48	12/ 51	NNE 59	WNW 57	SW 52	NNE 47	30/ 63	25/ 46	SSW 46	WNW 51	30/ 63
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TOTAL OBS	996	917	1014	990	1002	976	986	999	973	1004	965	1000	11822
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THE PEAK WIND OF 63 FROM 30/ OCCURRED ON 09/23/86

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

C - 2 - 1B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	.0	2.9	20.2	28.9	22.3	15.5	7.2	2.5	.4	.1	.0	20.0	19.0	996
FEB	.1	2.6	20.0	28.0	25.8	13.6	6.9	2.5	.4	.0	.0	19.9	19.0	917
MAR	.0	1.1	11.0	25.4	25.4	18.6	11.1	4.3	2.9	.0	.0	22.7	22.0	1014
APR	.0	.8	11.3	20.9	27.6	21.1	11.5	4.4	2.2	.1	.0	23.1	22.0	990
MAY	.0	2.5	18.4	26.8	25.5	15.0	8.2	2.4	1.1	.1	.0	20.6	20.0	1002
JUN	.1	2.7	25.4	30.7	22.3	9.8	5.2	2.7	.9	.1	.0	19.1	18.0	976
JUL	.0	3.5	30.3	35.0	20.1	6.8	2.4	1.1	.5	.2	.0	17.5	17.0	986
AUG	.1	5.1	29.9	33.5	20.2	7.7	1.7	.9	.8	.0	.0	17.4	17.0	999
SEP	.1	5.2	27.6	30.8	21.8	9.2	3.2	1.5	.3	.1	.0	18.0	17.0	973
OCT	.2	5.5	23.0	26.6	26.4	11.7	5.0	.9	.8	.0	.0	18.8	18.0	1004
NOV	.0	3.3	18.5	29.5	26.4	13.4	5.7	2.3	.8	.0	.0	19.9	19.0	965
DEC	.1	3.7	19.3	28.5	25.1	14.5	5.5	1.9	1.2	.2	.0	19.9	19.0	1000
ANNUAL	.1	3.2	21.2	28.7	24.1	13.1	6.1	2.3	1.0	.1	.0	19.7	19.0	11822

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OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GERAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.7	3.4	.3								9.5	7.8	8.0
020-040		1.7	1.7	.3								3.7	9.6	10.0
050-070	1.0	2.7	.7	.7								5.1	7.8	7.0
(E) 080-100	1.7	1.7	.3									3.7	5.5	5.0
110-130	.7		.7									1.4	7.8	7.0
140-160	.7	2.7	3.1									6.5	9.5	9.0
(S) 170-190	1.0	5.1	3.7	.3								10.2	8.6	9.0
200-220	2.4	3.4	5.4	.3	.7							12.2	9.1	10.0
230-250	6.1	6.1	1.0	.3	.3							13.9	5.9	5.0
(W) 260-280	3.7	2.0	.7	.7								7.1	6.0	4.0
290-310	1.7	4.8	1.7	.3								8.5	7.6	7.0
320-340	4.1	4.4	3.1	1.7								13.3	8.2	8.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	25.1	38.3	25.5	4.9	1.0							100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 294

OPERATING LOCATION "A"
USAFETAC, ASHLVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: . 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	.9	4.0	4.9	.6	.1							10.4	9.2	10.0
020-040	.6	2.7	1.6	.3								5.2	9.1	9.0
050-070	.6	2.0	1.0	.1								3.7	8.0	7.0
(E) 080-100	.8	1.8	.7	.1								3.4	7.5	8.0
110-130	.7	1.5	.5	.3								2.9	7.8	7.0
140-160	.5	2.7	1.8	.5								5.4	9.0	8.5
(S) 170-190	.7	2.6	4.2	.7	.1							8.3	10.2	11.0
200-220	1.6	3.7	4.4	2.4	.3	.1	.1					12.7	10.7	10.5
230-250	1.8	6.5	3.9	.8								12.9	8.4	8.0
(W) 260-280	1.7	4.6	1.5	.5								8.3	7.2	6.0
290-310	1.1	4.2	3.1	.9	.2							9.5	9.2	8.5
320-340	1.6	5.1	3.1	2.6	.2							12.6	10.1	9.0
VARIABLE														
CALM	////////////////////											4.5	////////	
TOTALS	12.6	41.4	30.7	9.8	.9	.1	.1					100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	3.5	3.5	.3	.3							8.6	9.2	9.0
020-040	1.2	2.0	1.4	.5								5.1	8.2	8.0
050-070	.5	1.0	1.4	.1								2.9	8.8	9.5
(E) 080-100	.6	1.7	1.2	.1								3.6	8.2	8.5
110-130	.5	1.5	.8									2.7	7.3	7.0
140-160	.8	2.3	1.1	.3								4.5	7.8	7.0
(S) 170-190	1.0	3.4	1.8	1.9	.2							8.4	10.1	9.0
200-220	.8	4.1	6.3	2.4	.8	.1						14.5	11.5	12.0
230-250	.8	4.1	4.4	.9								10.2	9.5	10.0
(W) 260-280	1.6	4.1	4.0	1.0								10.7	8.9	9.0
290-310	1.9	5.4	2.8	1.7	.6							12.5	9.3	9.0
320-340	1.9	3.6	4.5	3.5	.1							13.7	10.3	10.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	12.5	36.7	33.2	12.7	2.0	.1						100.0	9.3	9.0
TOTAL NUMBER OF OBSERVATIONS 882														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN. HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.6	3.1	.6	.1							8.7	8.7	8.0
020-040	1.1	2.3	2.0	.3								5.8	8.5	8.0
050-070	.3	1.5	1.0	.3	.1							3.3	9.9	9.0
(E) 080-100	.7	2.2	.6	.1								3.5	7.4	7.0
110-130	.7	1.8	.7									3.2	6.6	6.0
140-160	.7	2.8	.8	.2								4.5	7.5	7.0
(S) 170-190	1.2	3.3	3.9	1.0								9.4	9.6	10.0
200-220	1.7	4.2	5.0	1.0	.5							12.4	9.6	10.0
230-250	1.1	5.3	3.1	.7								10.2	8.3	8.0
(W) 260-280	1.4	3.9	1.6	.8								7.6	8.4	8.0
290-310	2.8	6.8	4.5	1.5	.1							15.8	8.4	8.0
320-340	2.4	5.0	3.7	1.1								12.2	8.2	8.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	15.5	42.7	30.0	7.6	.8							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 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	2.5	2.8	2.9	.5								8.7	7.6	7.0
020-040	.6	1.8	1.2	.3								4.0	8.9	9.0
050-070	2.4	1.8	1.7	.2								6.1	6.9	6.0
(E) 080-100	.6	2.2	.8									3.5	7.3	7.0
110-130	.9	1.1	.6	.1								2.7	6.7	5.5
140-160	1.2	2.8	1.0									5.1	7.0	7.0
(S) 170-190	2.7	4.2	3.6	.3								10.9	7.8	7.0
200-220	2.5	6.7	2.0	.9								12.1	7.6	7.0
230-250	3.6	2.9	1.2	.1								7.9	5.6	5.0
(W) 260-280	1.9	2.7	1.0	.2								5.9	6.6	5.5
290-310	2.2	3.6	2.0	.9								8.7	8.0	8.0
320-340	2.8	4.5	2.5	.6	.1							10.5	7.6	8.0
VARIABLE														
CALM	////////////////////											13.7	////////	
TOTALS	23.9	37.1	20.5	4.1	.1							100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	3.1	2.7	1.7								9.2	9.1	9.0
020-040	.7	1.4	1.4									3.4	8.4	7.5
050-070	1.7	2.7	2.0	.3								6.8	7.3	8.0
(E) 080-100	.7	2.0	.3									3.1	6.8	7.0
110-130	1.4	.3	.7									2.4	5.9	4.0
140-160	2.0	2.4	1.4									5.8	6.8	6.0
(S) 170-190	1.7	4.1	3.7	.7								10.2	8.9	8.5
200-220	2.4	5.8	4.1	.7	.7							13.6	8.7	8.0
230-250	3.7	3.4	1.4	.7								9.2	6.4	5.0
(W) 260-280	1.4	1.7	1.0	.3								4.4	8.1	8.0
290-310	3.7	2.4	1.0	.7								7.8	6.1	5.0
320-340	5.1	4.8	2.0	.7								12.6	6.9	7.0
VARIABLE														
CALM	////////////////////////////////////										11.6	////////////////////////////////		
TOTALS	26.2	34.1	21.7	5.8	.7							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 294

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	3.5	3.5	.6	.1							9.2	8.6	9.0
020-040	.8	2.1	1.6	.3								4.8	8.7	8.0
050-070	1.0	1.7	1.3	.2	.0							4.3	8.0	8.0
(E) 080-100	.7	1.9	.8	.1								3.5	7.4	8.0
110-130	.7	1.3	.6	.1								2.7	7.0	6.0
140-160	.9	2.6	1.3	.2								5.1	7.9	7.0
(S) 170-190	1.4	3.5	3.4	.9	.1							9.4	9.2	9.0
200-220	1.7	4.7	4.5	1.5	.4	.0	.0					12.9	9.8	10.0
230-250	2.3	4.7	2.9	.6	.0							10.5	7.8	7.0
(W) 260-280	1.8	3.5	1.8	.6								7.8	7.8	7.0
290-310	2.1	4.8	2.9	1.1	.2							.1	8.5	8.0
320-340	2.5	4.6	3.3	1.8	.1							12.4	8.9	8.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	17.4	38.9	27.9	8.0	.9							100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 4116

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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.

		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		2.3	5.4	6.8	1.8	.4							16.7	9.4	10.0
020-040		.4	4.3	7.5	.9								13.1	10.6	10.0
050-070		1.3	2.5	2.3	.7	.2							7.0	9.4	9.0
(E) 080-100		.9	1.6	1.3									3.8	7.6	7.0
110-130		2.0	2.2	.5	.4								5.0	6.5	5.5
140-160		1.1	3.6	1.8									6.5	7.8	8.0
(S) 170-190		.5	1.4	4.1	.7								6.8	10.6	11.0
200-220		1.3	2.9	3.2		.2							7.5	8.5	8.5
230-250		1.1	3.9	2.0	.4	.2							7.5	8.4	8.0
(W) 260-280		1.1	1.3	1.4									3.8	7.1	6.0
290-310		1.6	3.4	1.1	.4								6.5	6.9	6.0
320-340		3.6	4.5	2.5	.9								11.5	7.5	6.0
VARIABLE															
CALM		////////////////////////////////////										4.5	////////////////////////////////		
TOTALS		17.2	37.0	34.5	6.2	1.0							100.0	8.3	9.0

TOTAL NUMBER OF OBSERVATIONS 558

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 30 - JUL 90
LST TO UTC: + 6 MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.7	6.6	2.6								15.0	9.8	10.0
020-040	1.5	1.5	1.8	1.1	.4							6.2	9.8	10.0
050-070	1.8	2.2	1.1	.4	.4							5.9	8.1	6.5
(E) 080-100	.7	3.7	1.5		.4							6.2	8.1	7.0
110-130		4.0	1.5									5.5	7.8	7.0
140-160		3.3	2.2	.4								5.9	8.6	8.5
(S) 170-190	1.1	5.5	3.7	.4								10.6	8.8	9.0
200-220	3.7	2.9	1.8	.4								8.8	6.7	6.5
230-250	3.3	2.2	.7									6.2	5.2	4.0
(W) 260-280	2.2	1.5	.4									4.0	5.2	4.0
290-310	2.9	4.0	2.2									9.2	6.6	6.0
320-340	1.8	3.3	1.8	.7								7.7	7.9	8.0
VARIABLE														
CALM	////////////////////											8.8	////////	
TOTALS	21.2	37.8	25.3	6.0	1.2							100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.2	3.7	5.0	2.9	.1							13.9	10.3	10.0
020-040	1.5	3.4	2.6	1.1	.2							8.8	9.3	9.0
050-070	1.6	2.1	1.1	.5	.1							5.4	8.1	7.0
(E) 080-100	1.0	2.0	2.0									4.9	8.0	9.0
110-130	.9	3.2	2.3	.4								6.7	8.3	8.0
140-160	.9	1.8	2.2	.4								5.3	9.1	9.0
(S) 170-190	.9	4.6	4.4	.6								10.5	9.2	9.0
200-220	1.1	3.9	3.2	1.0								9.2	9.1	8.0
230-250	2.4	3.7	1.8	.2								8.2	6.8	6.0
(W) 260-280	1.6	2.4	1.1	.1								5.3	7.1	7.0
290-310	2.3	3.3	2.1	.6								8.3	7.5	7.0
320-340	1.1	4.3	2.4	2.2								10.0	9.5	9.0
VARIABLE														
CALM	////////////////////////////////////										3.7	////////////////////////////////		
TOTALS	17.5	38.4	30.2	10.0	.4							100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 819

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	.7	3.9	5.7	2.2	.2	.1						13.0	10.9	11.0
020-040	1.1	2.4	1.7	1.2		.1						6.6	9.4	9.0
050-070	1.2	2.0	2.0	.1	.2							5.5	8.3	8.0
(E) 060-100	.4	1.8	1.8	.1								4.2	8.7	8.5
110-130	1.2	2.7	1.3									5.3	6.9	7.0
140-160	1.0	2.1	1.2	.4								4.6	8.1	8.0
(S) 170-190	1.5	4.0	3.5	.7	.2							10.0	9.0	9.0
200-220	.7	6.0	4.9	.7	.2							12.6	9.7	9.0
230-250	1.1	2.9	2.9	.6								7.6	9.2	9.0
(W) 260-280	1.3	2.7	1.2	.6								5.9	8.2	7.5
290-310	1.2	3.5	4.3	1.1								10.1	9.3	10.0
320-340	.7	4.6	3.9	2.0								11.2	9.9	10.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	12.1	38.6	34.4	9.7	.8	.2						100.0	8.9	9.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	5.5	5.4	1.1	.6							13.5	10.1	10.0
020-040	.9	1.6	3.4	1.1	.1							7.1	10.3	10.0
050-070	.7	2.6	2.0	.4								5.6	8.4	8.0
(E) 080-100	.5	2.1	1.1	.2								3.9	8.1	7.5
110-130	.7	2.6	1.1									4.4	7.6	8.0
140-160	1.1	1.8	2.0	.1								5.0	8.1	8.0
(S) 170-190	1.8	5.6	2.7	.4	.2							10.8	8.0	8.0
200-220	2.1	4.4	3.6	.1	.2							10.4	8.0	8.0
230-250	.5	2.1	2.5	.6								5.6	9.8	10.0
(W) 260-280	.9	2.7	1.3									4.9	7.3	7.0
290-310	2.2	5.3	3.6	.1								11.2	7.9	8.0
320-340	2.8	4.5	4.9	1.2								13.5	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////////////////////////////	
TOTALS	15.1	40.8	33.6	5.3	1.1							100.0	8.3	8.0

TOTAL NUMBER OF OBSERVATIONS 816

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	5.3	4.8	1.1	.1							13.3	8.8	8.5
020-040	1.1	2.5	1.6	.4	.5							6.0	9.5	8.0
050-070	1.7	4.0	2.6	.1								8.5	7.5	7.0
(E) 080-100	1.3	1.7	1.0									4.0	6.2	6.0
110-130	1.7	2.9	.9									5.5	6.3	6.0
140-160	2.5	3.3	.9									6.6	6.1	5.5
(S) 170-190	2.6	6.6	.2	.2								9.7	6.0	6.0
200-220	3.3	2.7	1.0		.1							7.1	5.7	5.0
230-250	1.7	2.0		.2								3.9	5.3	5.0
(W) 260-280	1.3	1.2	.1									2.7	4.9	4.5
290-310	3.4	3.9	1.2									8.6	5.8	5.0
320-340	3.6	3.6	3.3	.4								10.8	7.2	6.5
VARIABLE														
CALM	////////////////////											13.3	////////	
TOTALS	26.2	39.7	17.6	2.4	.7							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.6	5.9	5.5	.4								14.4	8.2	8.0
020-040	1.8	1.5	1.8	.4	.4							5.9	8.9	7.5
050-070	.7	5.5	2.2		.4							8.9	7.8	6.5
(E) 080-100	1.5	3.3	1.5									6.3	6.7	6.0
110-130	1.1	2.2	1.1									4.4	6.9	6.0
140-160	1.5	2.6	1.5									5.5	7.2	6.0
(S) 170-190	3.3	4.8	1.5	.4								10.0	6.4	6.0
200-220	4.4	5.2	.7	.4								10.7	5.8	6.0
230-250	.7	1.1	.7									2.6	7.4	9.0
(W) 260-280	2.2	1.1		.4								3.7	4.6	3.0
290-310	1.8	2.2	.7									4.8	5.6	6.0
320-340	3.7	3.0	1.8	1.1								9.6	7.5	8.0
VARIABLE														
CAIM	////////////////////////////////////											13.3	////////////////////////////////	
TOTALS	25.3	38.4	19.0	3.1	.8							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 271

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	4.6	5.4	1.8	.2	.0						13.6	9.9	10.0
020-040	1.2	2.3	2.3	.9	.2	.0						7.0	9.6	9.0
050-070	1.3	2.8	1.9	.3	.1							6.4	8.0	7.5
(E) 080-100	.8	2.1	1.5	.1	.0							4.5	7.7	7.0
110-130	1.0	2.9	1.4	.1								5.4	7.3	7.0
140-160	1.3	2.4	1.6	.2								5.4	7.8	7.0
(S) 170-190	1.8	5.2	2.7	.5	.1							10.3	8.1	8.0
200-220	2.1	4.2	2.9	.4	.1							9.8	8.1	8.0
230-250	1.5	2.5	1.7	.4								6.1	7.7	7.0
(W) 260-280	1.4	2.1	.8	.2								4.6	6.9	7.0
290-310	2.3	3.9	2.6	.4								9.2	7.5	7.0
320-340	2.2	4.1	3.4	1.4								11.0	8.7	8.0
VARIABLE														
CALM	////////////////////											6.8	////////	
TOTALS	18.5	39.1	28.2	6.7	.7							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 3812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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														
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) 000-010	1.9	6.4	8.3	2.5	.5							19.6	10.2	10.0
020-040	.0	4.1	4.5	4.5	.9							14.7	12.3	13.0
050-070	3.0	2.8	3.3	1.3	.6							11.0	9.2	8.0
(E) 080-100	.5	2.2	1.1									3.8	7.3	7.0
110-130	.5	1.6	1.1									3.1	8.1	8.0
140-160	.9	.6	1.4									3.0	7.7	9.0
(S) 170-190	1.6	2.4	1.9	.2								6.0	7.5	7.0
200-220	.9	1.7	.9									3.6	7.1	7.0
230-250	1.3	.5	.2									1.9	4.3	3.0
(W) 260-280	1.6	1.6										3.1	4.8	4.5
290-310	2.7	4.9	1.7	.2								9.4	6.7	6.0
320-340	2.8	5.0	3.0	1.6								12.4	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////											8.5	////////////////////////////////	
TOTALS	18.3	33.8	27.4	10.3	2.0							100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 638

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHMOND-GEBUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	2.9	2.3	.3								7.1	8.2	8.0
020-040	.3	2.9	2.9	.6	.6							7.4	11.1	11.0
050-070	.6	3.5	3.2	.6								8.1	9.5	9.0
(E) 080-100	1.6	2.9	1.0	.3	.3							6.1	7.8	8.0
110-130		2.6	3.9	.6								7.1	10.0	10.0
140-160	.6	3.9	3.9	1.3								9.7	10.0	10.0
(S) 170-190	1.6	3.2	3.9	1.6								10.3	9.8	10.0
200-220	1.0	4.8	2.6	1.0	.3							9.7	9.2	8.0
230-250	2.9	1.6	1.0	.3								5.8	6.3	5.0
(W) 260-280	1.9	2.9	1.3	.6	.3							7.1	8.1	7.5
290-310	1.6	3.9	1.0	.3								6.8	7.4	8.0
320-340	2.9	4.2	3.5	.6								11.3	7.4	8.0
VARIABLE														
CALM	////////////////////////////////////											3.5	////////////////////////////////	
TOTALS	16.6	39.3	30.5	8.1	1.5							100.0	8.5	9.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 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	1.0	2.9	2.9	1.0								7.7	9.5	9.5
020-040	1.8	3.4	2.4	1.0	.5							9.1	9.5	9.0
050-070	.9	1.7	3.3	.4	.1							6.5	9.6	10.0
(E) 080-100	.5	2.5	3.0	.2	.9							7.1	10.7	10.0
110-130	.2	2.5	2.9	.6								6.2	9.8	10.0
140-160	.2	2.5	3.9	.5								7.1	9.9	10.0
(S) 170-190	.4	4.0	4.5	2.6	1.0	.2						12.7	12.0	11.0
200-220	.2	3.7	3.8	2.6	.5	.1						10.9	11.9	11.0
230-250	.6	2.2	1.8	.3	.1							5.1	9.2	9.0
(W) 260-280	1.1	3.1	2.2	.5	.2							7.1	9.1	9.0
290-310	.5	3.5	2.3	.8								7.1	9.0	9.0
320-340	1.7	5.1	4.3	.6								11.7	8.5	9.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////	
TOTALS	9.1	37.1	37.3	11.1	3.3	.3						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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.1	3.5	.9	.1							8.6	9.8	10.0
020-040	1.1	3.7	1.5	1.1	.5							7.8	9.6	8.0
050-070	1.4	1.9	2.8	.6								6.8	9.0	10.0
(E) 080-100	.8	1.3	2.5	.4	.4							5.4	10.3	10.0
110-130	.8	3.0	2.5	.9	.2							7.3	10.0	9.0
140-160	.2	1.4	3.5	.9								6.0	10.9	10.5
(S) 170-190	1.0	2.3	3.1	2.5	1.0	.4						10.2	12.6	12.0
200-220	.6	2.5	4.6	4.1	1.4							13.2	13.0	13.0
230-250	.5	3.0	2.9	.4	.3							7.2	10.1	10.0
(W) 260-280	.6	2.3	2.3	1.3	.3							6.8	10.6	10.0
290-310	.8	3.4	2.4	.8								7.3	9.1	9.0
320-340	1.2	3.5	6.0	.9								11.6	9.6	10.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	10.0	31.4	37.6	14.8	4.2	.4						100.0	10.4	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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				
(N) 350-010	.8	4.7	2.9	.8	.3							9.5	9.4	8.0
020-040	1.5	2.7	1.9	.6								6.8	8.3	8.0
050-070	.9	2.3	3.2	.6	.2							7.2	9.6	10.0
(E) 080-100	1.0	2.4	2.8	.4			.1					6.7	9.6	9.5
110-130	1.2	1.9	2.9	.3								6.3	9.1	10.0
140-160	.9	2.4	2.4	.6								6.2	9.4	9.0
(S) 170-190	.9	2.5	3.9	2.8	.3	.3						10.6	11.9	12.0
200-220	1.0	2.4	5.5	2.2	.5	.2						11.7	11.7	12.0
230-250	.9	2.3	1.4	.6	.1							5.3	9.0	9.0
(W) 260-280	1.5	2.6	2.3	.6		.2						7.2	9.0	8.0
290-310	1.2	4.5	3.3	.3			.1					9.5	8.4	8.0
320-340	1.3	4.9	3.9	.3	.1							10.5	8.7	9.0
VARIABLE														
CALM	////////////////////////////////////										2.5	////////////////////////////////		
TOTALS	13.1	35.6	36.4	10.1	1.5	.7	.2					100.0	9.4	10.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	4.9	2.9	.8	.3							11.4	8.2	8.0
020-040	2.0	1.6	2.2	.6	.1							6.6	8.6	9.0
050-070	2.6	2.3	1.4	.5	.2	.1						7.1	8.2	7.0
(E) 080-100	2.9	3.7	2.6	1.0	.2							10.3	8.2	8.0
110-130	1.9	2.7	1.7	.1								6.5	7.1	6.0
140-160	1.0	3.5	1.8	.4								6.8	8.5	8.0
(S) 170-190	4.3	4.4	3.5	1.0								13.2	7.7	7.0
200-220	2.5	3.1	1.9	.5								8.1	7.3	6.0
230-250	2.0	1.2	.5		.1							3.9	5.5	4.0
(W) 260-280	1.8	1.2	.5	.2								3.8	5.7	5.0
290-310	1.6	2.2	.8	.2	.1	.1						4.9	7.5	6.0
320-340	2.7	4.2	2.3	.2								9.4	7.1	8.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////////////////////////////	
TOTALS	27.8	35.0	22.1	5.5	1.0	.2						100.0	7.0	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.6	3.2	2.9	1.3	.3							10.3	8.5	7.5
020-040	1.6	1.9	1.6	.6	.3							6.1	9.0	9.0
050-070	3.2	2.9	1.3	.6	.3							8.4	7.0	5.0
(E) 080-100	2.6	3.9	2.9	.3								9.7	7.6	7.0
110-130	1.6	1.9	1.0									4.5	6.6	6.5
140-160	1.6	7.4	2.6	.3								11.9	7.5	7.0
(S) 170-190	3.5	4.5	3.2	1.3	.3							12.9	8.2	6.5
200-220	1.3	4.2	1.6	.6								7.7	7.7	7.0
230-250	1.9	1.0										2.9	4.0	4.0
(W) 260-280	.3	.6	1.0									1.9	8.0	9.0
290-310	1.0	2.3	1.0		.3							4.5	7.5	6.0
320-340	2.9	3.9	1.9	.3								9.0	6.4	6.0
VARIABLE														
CALM	////////////////////											10.0	////////	
TOTALS	24.1	37.7	21.0	5.3	1.5							100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.8	3.0	.8	.2							9.2	9.0	8.0
020-040	1.5	2.8	2.0	.8	.3							7.5	9.2	8.0
050-070	1.5	2.2	2.6	.6	.1	.0						7.1	9.0	9.0
(E) 080-100	1.4	2.6	2.6	.5	.3		.0					7.4	9.2	9.0
110-130	1.0	2.5	2.5	.5	.0							6.5	9.0	9.0
140-160	.6	2.9	2.9	.6								7.1	9.4	10.0
(S) 170-190	1.8	3.4	3.7	2.1	.5	.2						11.7	10.6	10.0
200-220	1.1	3.1	3.7	2.1	.6	.1						10.6	11.0	10.0
230-250	1.2	2.0	1.5	.3	.1							5.2	8.4	8.0
(W) 260-280	1.2	2.2	1.7	.6	.1	.0						6.0	8.9	9.0
290-310	1.1	3.4	2.0	.5	.0	.0	.0					7.0	8.4	8.0
320-340	1.9	4.4	3.9	.5	.0							10.7	8.3	8.0
VARIABLE														
CALM	////////////////////////////////////											4.0	////////	
TOTALS	15.7	35.3	32.1	9.9	2.2	.3						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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.

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	.8	6.2	5.1	1.6	.3							14.0	9.9	9.5
020-040	1.6	8.2	4.8	.8	.8							16.2	9.1	8.0
050-070	.8	2.6	7.8	2.8	.2							14.2	11.6	12.0
(E) 080-100	.8	2.6	4.2	2.6	1.9		.2					12.3	12.9	13.0
110-130	.3	2.2	4.2	1.4	.2							8.2	11.4	11.0
140-160	.2	2.0	2.0	1.2								5.4	10.6	10.0
(S) 170-190	.8	1.2	3.1	1.2								6.4	10.7	12.0
200-220	.5	.5	1.1									2.0	8.7	10.0
230-250	.9	.5	.3									1.7	4.7	4.0
(W) 260-280	.9	1.1	1.1	.3		.2						3.6	9.2	9.0
290-310	.5	1.9	2.2			.2	.2					4.8	10.2	10.0
320-340	.6	5.6	3.3	.2								9.6	8.4	8.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	8.7	34.6	39.2	12.1	3.4	.4	.4					100.0	10.2	10.0

TOTAL NUMBER OF OBSERVATIONS 643

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	4.7	3.0	.7	.7							10.4	9.2	8.0
020-040	1.0	2.0	1.3	.7	.3							5.4	9.1	7.5
050-070	.7	2.3	2.3	.7								6.0	9.6	9.5
(E) 080-100	.3	1.7	3.0									5.0	9.4	10.0
110-130	1.0	3.0	3.0									7.0	8.2	8.0
140-160	.3	3.0	4.3	.3								8.0	9.9	10.0
(S) 170-190	1.3	5.4	6.0	2.3								15.1	10.1	10.0
200-220	.3	4.3	5.0									9.7	9.5	10.0
230-250	1.0	3.3	1.7	.3								6.4	8.2	8.0
(W) 260-280	2.3	2.0	1.0	.7								6.0	7.1	5.0
290-310	2.3	5.4	2.0	.3								10.0	6.9	6.5
320-340		2.7	3.3	1.3								7.4	10.8	12.0
VARIABLE														
CALM	////////////////////											3.7	////////	
TOTALS	11.8	39.8	35.9	7.3	1.0							100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 299

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB, KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	3.8	3.6	.8	.2	.2						9.4	10.0	10.0
020-040	.9	2.0	3.0	1.1	.2							7.2	10.5	11.0
050-070	1.1	1.9	2.2	.4								5.7	8.6	9.0
(E) 080-100	.7	2.1	1.3	.4								4.6	8.5	9.0
110-130	.7	2.4	3.2	.1								6.4	9.3	10.0
140-160	.9	3.3	2.8	.7	.1							7.8	9.1	9.0
(S) 170-190	.9	3.7	5.1	3.3	.4							13.4	11.6	12.0
200-220	.9	2.9	6.1	1.7	.2							11.8	11.0	11.0
230-250	.7	2.9	2.2	.4	.1							6.3	9.0	8.0
(W) 260-280	1.0	1.9	1.8	.9								5.6	9.6	9.0
290-310	1.6	3.6	2.6	.8								8.4	8.5	8.0
320-340	1.4	4.2	4.6	1.3	.1							11.7	9.5	10.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	11.7	34.7	38.5	11.9	1.3	.2						100.0	9.7	10.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	3.2	4.3	2.0	.2	.2						10.9	10.9	11.0
020-040	1.1	1.3	3.0	.8								6.2	9.9	10.0
050-070	1.2	2.8	1.6	.3								5.9	8.1	8.0
(E) 080-100	1.7	2.2	1.1	.3								5.3	7.6	7.0
110-130	1.1	1.6	1.9	.2								4.8	8.2	8.0
140-160	1.4	1.7	2.4	.8			.1					6.4	9.5	10.0
(S) 170-190	.8	3.6	5.4	3.7	1.2							14.7	12.4	13.0
200-220	1.4	2.9	5.3	2.2	.7							12.6	11.0	12.0
230-250	.7	1.7	1.6	1.1								5.0	10.2	10.0
(W) 260-280	.4	2.3	2.0	.8	.7							6.2	11.1	10.0
290-310	1.1	3.6	3.9	.6	.1							9.2	9.0	9.0
320-340	1.1	4.1	5.7	1.1								12.0	9.6	10.0
VARIABLE														
CALM	////////////////////											.8	////////////////	
TOTALS	12.9	31.0	38.2	13.9	2.9	.2	.1					100.0	10.0	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	3.8	4.9	.9								11.1	9.0	10.0
020-040	.6	1.6	2.1	.4	.2							4.9	9.8	10.0
050-070	1.6	3.0	1.8	.8	.1							7.2	8.6	8.0
(E) 080-100	1.8	2.1	1.6	.6								6.0	7.7	7.5
110-130	1.3	1.3	1.3									4.0	7.1	7.0
140-160	1.1	1.9	2.1	.8								5.9	9.2	9.0
(S) 170-190	1.0	3.7	5.2	3.1	.3							13.3	11.3	12.0
200-220	1.2	2.7	7.2	1.8	.2							13.1	10.9	11.0
230-250	.9	3.6	1.8	.3								6.6	7.8	8.0
(W) 260-280	1.7	1.6	1.0	.7								4.9	7.7	6.5
290-310	1.2	3.2	3.3	.4								8.2	8.8	8.5
320-340	1.6	6.1	4.3	1.0	.1							13.1	8.9	8.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	15.6	34.6	36.6	10.8	.9							100.0	9.1	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: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.1	3.9	2.3	.8	.3							12.4	7.0	6.0
020-040	1.0	2.4	1.1	.1								4.7	7.5	7.0
050-070	2.8	2.8	1.2	1.1								7.9	7.5	6.0
(E) 080-100	1.6	2.4	1.9	.2								6.1	7.3	6.0
110-130	2.3	1.3	.7	.2								4.6	5.7	4.0
140-160	2.8	4.4	1.7	.1								9.0	6.6	6.0
(S) 170-190	3.4	5.9	3.1	.8								13.2	7.6	8.0
200-220	1.3	4.6	3.9	.9	.1	.1						10.9	9.3	8.5
230-250	1.3	1.0	.8	.2								3.3	6.9	5.5
(W) 260-280	1.3	1.3	.1									2.8	4.6	5.0
290-310	3.2	3.0	1.6	.2								8.0	6.3	6.0
320-340	2.8	4.1	1.7	.9								9.4	7.3	6.0
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	28.9	37.1	20.1	5.5	.4	.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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 21-23

		WIND SPEED IN KNOTS														
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND	
(N) 350-010		4.0	4.0	1.3	.3	.3							10.0	6.4	5.0	
020-040		1.7	2.0	1.0	1.0								5.7	8.0	8.0	
050-070		3.3	3.7	2.3									9.3	6.7	6.0	
(E) 080-100		2.7	1.3	1.7	.3								6.0	7.4	5.5	
110-130		.7	1.0	1.3									3.0	7.7	8.0	
140-160		5.0	5.3	3.0									13.3	6.3	6.0	
(S) 170-190		3.0	8.3	2.7	.7								14.7	7.3	7.0	
200-220		2.7	4.3	1.3		.3							8.7	7.4	7.0	
230-250		1.7	.7	.3	.3								3.0	5.9	3.0	
(W) 260-280		2.3		.3									2.7	3.6	3.0	
290-310		1.0	1.3	.7									3.0	7.0	6.0	
320-340		3.3	3.7	1.0	.7								8.7	6.5	6.0	
VARIABLE																
CALM		////////////////////////////////////												12.0	////////	
TOTALS		31.4	35.6	16.9	3.3	.6							100.0	6.0	6.0	

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.8	3.5	1.0	.2	.1						10.9	9.0	8.0
020-040	1.0	1.9	2.1	.6	.1							5.7	9.4	10.0
050-070	1.7	2.7	1.8	.6	.0							6.8	8.1	8.0
(E) 080-100	1.4	2.1	1.6	.4								5.5	7.8	7.0
110-130	1.3	1.7	1.8	.1								5.0	7.8	8.0
140-160	1.7	3.0	2.5	.5	.0		.0					7.8	8.3	8.0
(S) 170-190	1.6	4.6	4.7	2.5	.4							13.8	10.4	10.0
200-220	1.3	3.4	5.3	1.4	.3	.0						11.7	10.4	10.0
230-250	1.0	2.2	1.5	.5	.0							5.2	8.4	8.0
(W) 260-280	1.3	1.7	1.1	.5	.1							4.8	8.5	8.0
290-310	1.8	3.3	2.6	.5	.0							8.2	8.0	8.0
320-340	1.7	4.4	3.8	1.1	.0							11.1	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											3.6	////////	
TOTALS	18.0	34.8	32.3	9.7	1.1	.1						100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 4199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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.

		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		.8	4.3	2.3	1.3	1.5	1.0						11.2	12.4	10.0
020-040		2.0	3.3	5.6	1.3								12.2	9.4	10.0
050-070		1.5	9.6	7.6	1.5								20.3	9.3	9.0
(E) 080-100		1.8	5.3	4.8	1.0								12.9	8.9	9.0
110-130		1.0	1.0	3.0	.5								5.6	9.6	10.0
140-160		.3	2.3	3.8	1.0	.3							7.6	11.1	11.5
(S) 170-190		.8	2.5	.5	.5								4.3	8.2	8.0
200-220		.8	1.0	.3		.3							2.3	7.7	6.0
230-250		.3	.8		.3								1.3	8.0	6.0
(W) 260-280		.5	.5	1.0									2.0	8.4	9.5
290-310		3.0	3.6	.3									6.9	5.4	5.0
320-340		2.0	2.8	4.8	1.3	.3							11.2	9.5	10.0
VARIABLE															
CALM		////////////////////////////////////										2.3	////////////////////////////////		
TOTALS		14.8	37.0	34.0	8.7	2.4	1.0						100.0	9.2	9.0

TOTAL NUMBER OF OBSERVATIONS 394

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	4.3	1.3	.3								6.7	8.3	8.5
020-040	1.0	2.7	2.3									6.0	7.7	7.5
050-070	.7	3.3	1.7	.3								6.0	8.3	8.5
(E) 080-100	1.0	3.3	1.7									6.0	7.3	7.0
110-130	1.0	7.0	3.7									11.7	7.9	8.0
140-160	2.3	4.7	4.0	.3								11.3	7.9	8.0
(S) 170-190	1.3	5.3	6.3	1.7								14.7	9.8	10.0
200-220	1.0	4.0	2.7	2.0								9.7	9.5	9.0
230-250	.7	4.7	.3									5.7	6.8	7.0
(W) 260-280	2.7	3.3	.7	.3								7.0	6.0	5.0
290-310	2.7	.7	.3	.7								4.3	5.6	4.0
320-340	2.0	2.3	1.7	.3								6.3	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	17.1	45.6	26.7	5.9								100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	.9	3.6	3.0	.1								7.6	8.5	9.0
020-040	1.2	3.0	2.4	.7								7.3	8.5	8.5
050-070	1.0	3.3	1.7	.4								6.4	8.2	8.0
(E) 080-100	1.4	3.3	1.4	.4								6.7	7.5	7.0
110-130	1.0	3.6	3.8	.1								8.4	8.6	9.0
140-160	1.6	4.7	3.9	.4								10.6	8.3	8.0
(S) 170-190	1.2	4.8	6.8	1.3	.4							14.6	10.2	10.0
200-220	1.2	4.6	5.8	2.2	.3	.1						14.2	10.7	11.0
230-250	1.2	2.9	1.1									5.2	6.8	6.0
(W) 260-280	1.2	1.8	.3	.6								3.9	7.2	6.0
290-310	1.6	3.6	1.1	.3								6.6	6.9	6.0
320-340	1.1	2.0	1.9	1.0								6.0	9.1	9.0
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	14.6	41.2	33.2	7.5	.7	.1						100.0	8.5	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.2	3.9	3.0	.2								8.3	8.4	8.0
020-040	.9	2.9	2.9	.7								7.3	9.2	9.0
050-070	.8	3.4	2.0	.2	.1							6.6	8.5	8.0
(E) 080-100	.8	2.4	2.3	.1								5.7	8.5	8.0
110-130	1.3	3.8	2.4	.1								7.7	7.8	7.0
140-160	1.4	4.8	3.9	.9								11.0	8.8	9.0
(S) 170-190	1.8	4.2	7.2	2.3	.3							15.9	10.3	10.0
200-220	1.3	4.9	5.4	2.4	.4							14.6	10.5	10.0
230-250	.7	2.1	1.2	.8								4.8	9.0	8.0
(W) 260-280	2.0	1.8	.9	.2								4.9	6.7	6.5
290-310	1.1	2.1	1.8	.4								5.4	8.3	8.0
320-340	1.3	2.8	1.9	.7								6.7	8.8	8.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	14.6	39.1	34.9	9.0	.8							100.0	9.0	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.2	5.9	1.6									8.7	7.3	7.5
020-040	1.0	3.8	2.7	.2	.2							7.9	8.8	8.0
050-070	1.1	3.3	1.9									6.3	7.2	7.0
(E) 080-100	1.3	2.9	2.2	.1								6.6	7.7	7.0
110-130	1.7	4.8	1.8	.3								8.6	7.4	7.0
140-160	1.4	4.4	2.6	.8								9.2	8.4	8.0
(S) 170-190	1.6	6.2	6.9	2.4	.4							17.7	10.3	10.0
200-220	2.2	3.9	5.4	1.0	.1							12.7	9.1	10.0
230-250	1.2	1.7	1.2	.1								4.2	7.4	7.0
(W) 260-280	1.9	1.1	1.7	.1								4.8	7.3	8.0
290-310	.9	2.6	1.1	.3								4.9	7.9	8.0
320-340	2.0	2.8	1.2	.7								6.7	7.6	7.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////	
TOTALS	17.5	43.4	30.3	6.0	.7							100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE-NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	3.3	4.0	.4	.2								8.0	5.5	5.0
020-040	.9	2.6	1.0	.3								4.8	7.9	8.0
050-070	2.1	3.6	1.3	.1								7.1	6.4	6.0
(E) 080-100	2.8	3.3	1.7	.1								7.9	6.4	6.0
110-130	4.3	5.3	1.2	.1								11.0	5.8	5.0
140-160	3.9	5.4	1.9	.4								11.7	6.4	6.0
(S) 170-190	4.1	6.7	3.8	.4	.1	.2						15.3	7.5	7.0
200-220	3.0	3.6	2.0									8.6	6.4	6.0
230-250	1.4	.9	.9	.2								3.4	6.6	6.0
(W) 260-280	1.1	1.1	.1									2.3	5.0	5.0
290-310	1.1	.6	.4									2.1	5.4	4.0
320-340	2.1	2.0	.8	.1								5.0	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											12.8	////////////////////////////////	
TOTALS	30.1	39.1	15.5	1.9	.1	.2						100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	3.0	1.7	.3	.7	.3							6.0	6.6	4.5
020-040	.3	.7	1.3									2.3	8.3	10.0
050-070	4.3	3.7	1.0									9.0	5.6	6.0
(E) 080-100	3.3	3.0	.7		.3							7.3	6.0	6.0
110-130	5.0	5.0	1.0	.3								11.3	5.6	5.0
140-160	4.7	7.3	1.3	.3								13.7	6.2	6.0
(S) 170-190	6.7	5.0	2.3	.3								14.3	6.2	5.0
200-220	4.0	2.0	1.3									7.3	5.3	4.0
230-250	2.7	.7	.3									3.7	4.5	4.0
(W) 260-280	.3	.3										.7	3.0	3.0
290-310	.7		.3									1.0	5.0	3.0
320-340	1.3	1.7	.7									3.7	6.1	6.0
VARIABLE														
CALM	////////////////////											19.7	////////	
TOTALS	36.3	31.1	10.5	1.6	.6							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 300														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	4.1	1.8	.2	.0							7.9	7.4	7.0
020-040	1.0	2.9	2.2	.4	.0							6.5	8.6	8.0
050-070	1.4	3.4	1.7	.2	.0							6.7	7.4	7.0
(E) 080-100	1.7	3.0	1.8	.2	.0							6.7	7.3	7.0
110-130	2.2	4.6	2.3	.2								9.3	7.2	7.0
140-160	2.3	5.0	3.0	.6								10.9	7.8	7.0
(S) 170-190	2.4	5.4	5.9	1.5	.3	.0						15.6	9.4	9.0
200-220	2.0	4.0	4.3	1.4	.2	.0						11.9	9.3	9.0
230-250	1.2	2.0	1.0	.2								4.5	7.3	7.0
(W) 260-280	1.5	1.5	.7	.2								4.0	6.6	6.0
290-310	1.2	1.9	1.0	.3								4.5	7.2	7.0
320-340	1.6	2.3	1.4	.5								5.9	7.8	7.0
VARIABLE														
CALM	////////////////////											5.7	////////	
TOTALS	20.2	40.1	27.1	5.9	.5							100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 4200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.6	6.8	2.8	.3							12.5	7.6	8.0
020-040	1.7	4.3	6.3	2.3	.3						14.8	10.1	10.0
050-070	1.7	6.3	6.0	2.0							16.0	9.5	9.5
(E) 080-100	.9	1.1	4.6	1.4	.3						8.3	11.3	11.0
110-130	1.1	6.8	4.8	.6							13.4	8.6	8.0
140-160	.9	3.4	2.6	1.1							8.0	9.3	8.5
(S) 170-190		.9	2.3	.3							3.4	10.8	10.0
200-220	.6	2.8	.6	.6	.3						4.8	9.1	9.0
230-250	.3	.6		.3							1.1	8.8	8.0
(V) 260-280	.3	1.1	.3	.3							2.0	7.7	6.0
290-310	1.1	1.7	.6	.3							3.7	6.6	6.0
320-340	1.1	3.7	3.7	1.1							9.7	9.5	9.5
VARIABLE													
CALM	////////////////////										2.3	////////////////	
TOTALS	12.3	39.5	34.6	10.6	.9						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 351

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.7	.3									5.7	5.0	5.0
020-040	2.0	1.3	1.3									4.7	6.7	5.0
050-070	2.3	4.0	1.7		.3							8.3	7.0	6.0
(E) 080-100	2.0	1.0	1.3									4.3	6.8	5.0
110-130	1.3	3.3	1.7									6.3	7.1	6.0
140-160	1.0	7.0	2.0									10.0	7.3	7.0
(S) 170-190	2.3	6.0	5.7	1.0								15.0	8.9	9.0
200-220	4.0	7.3	5.0	.7								17.0	7.5	7.0
230-250	4.0	3.0	1.3		.3							8.7	6.4	5.0
(W) 260-280	2.7	1.7	.3									4.7	4.4	4.0
290-310	2.7	1.3										4.0	3.9	4.0
320-340	1.3	2.7	1.3									5.3	7.1	7.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	28.3	41.3	21.9	1.7	.6							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.1	1.0									4.4	6.2	6.0
020-040	2.0	2.3	1.7	.1								6.1	7.0	7.0
050-070	2.3	2.8	1.7	.1								6.9	6.6	6.0
(E) 080-100	.8	2.6	.9	.1	.1							4.4	7.5	7.0
110-130	1.3	3.6	.9									5.8	6.2	6.0
140-160	1.7	5.4	2.4	.3								9.9	7.6	7.0
(S) 170-190	2.1	5.8	6.3	1.4								15.7	9.3	9.0
200-220	3.8	7.2	6.6	1.6	.2							19.3	8.6	8.0
230-250	3.0	3.3	1.9	.7								8.9	6.9	6.0
(W) 260-280	2.8	1.7	.2									4.7	4.5	4.0
290-310	1.7	.8	.4		.1							3.0	5.7	4.0
320-340	1.4	3.1	1.7	.2								6.4	7.4	8.0
VARIABLE														
CALM	////////////////////											4.4	////////	
TOTALS	24.2	40.7	25.7	4.5	.4							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: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.0	1.2									7.8	5.9	5.0
020-040	1.0	2.2	.7									3.9	6.7	6.0
050-070	2.6	3.4	1.7									7.7	6.5	6.0
(E) 080-100	.4	3.9	.8	.1								5.2	7.2	7.0
110-130	2.0	3.3	.7	.2								6.2	6.6	6.0
140-160	1.6	4.7	1.6	.1								7.9	7.2	7.0
(S) 170-190	2.3	7.9	7.4	3.1	.1							20.9	9.6	10.0
200-220	3.0	6.0	6.4	1.4	.1							17.0	9.1	9.0
230-250	2.2	2.9	1.1	.1	.2							6.6	6.5	5.0
(W) 260-280	2.2	1.2	.2		.1							3.8	5.2	4.0
290-310	1.4	1.3	.3									3.1	5.3	5.0
320-340	1.6	3.0	1.4	.6								6.6	7.5	7.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	23.9	42.8	23.5	5.6	.5							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: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.9	.7	.1								6.3	6.5	6.0
020-040	1.6	2.3	.6									4.4	6.3	6.0
050-070	2.8	4.1	1.0									7.9	5.9	6.0
(E) 080-100	2.2	3.1	.2									5.6	5.1	6.0
110-130	1.4	4.9	1.4	.1								7.9	6.8	7.0
140-160	1.7	5.4	1.7									8.8	7.1	7.0
(S) 170-190	2.9	8.0	9.1	2.9								22.9	9.5	10.0
200-220	2.8	5.2	6.4	1.1								15.6	8.6	9.0
230-250	2.3	1.6	.2									4.1	4.6	4.0
(W) 260-280	1.6	.6	.3	.2	.1							2.8	6.4	4.0
290-310	2.2	1.7	.2									4.1	4.7	4.0
320-340	1.7	1.9	.9	.2								4.7	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											5.0	////////	
TOTALS	24.9	42.7	22.7	4.6	.1							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	4.0	.3									6.2	5.4	5.0
020-040	1.2	1.6	.2									3.0	5.4	5.0
050-070	2.7	3.9	.8	.1								7.4	5.9	6.0
(E) 080-100	4.7	2.6	.2									7.4	4.3	4.0
110-130	2.4	3.7	.2	.1								6.4	5.4	5.0
140-160	5.0	6.0	1.0	.1								12.1	5.4	5.0
(S) 170-190	7.8	8.9	6.0	.6	.2							23.4	7.1	7.0
200-220	4.1	5.2	1.7	.1								11.1	6.0	5.5
230-250	1.6	.7										2.2	3.3	3.0
(W) 260-280	.7	.7	.1									1.4	5.3	6.0
290-310	1.1	.9		.2								2.2	5.6	4.5
320-340	1.3	.7	.6									2.6	5.6	4.0
VARIABLE														
CALM	////////////////////											14.3	////////	
TOTALS	34.5	38.9	11.1	1.2	.2							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.0										4.7	4.4	4.0
020-040	2.3	.7										3.0	3.6	3.0
050-070	4.0	.3	1.3									5.7	4.9	3.0
(E) 080-100	6.0	1.3	.3									7.7	3.8	3.0
110-130	4.7	2.7										7.3	4.4	4.0
140-160	6.0	6.3	.7									13.0	5.1	5.0
(S) 170-190	9.7	9.0	5.0		.3							24.0	6.2	5.5
200-220	4.7	4.0		.3								9.0	4.9	4.0
230-250	2.0	1.0										3.0	4.0	4.0
(W) 260-280	1.0	.3	.3									1.7	4.6	4.0
290-310	.3	.3										.7	4.5	4.5
320-340	1.3	.3		.3								2.0	5.2	3.5
VARIABLE														
CALM	////////////////////											18.3	////////	
TOTALS	44.7	28.2	7.6	.6	.3							100.0	4.1	4.0
TOTAL NUMBER OF OBSERVATIONS 300														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	3.1	.7	.0								6.0	5.8	5.0
020-040	1.5	2.0	.8	.0								4.3	6.3	6.0
050-070	2.7	3.4	1.3	.0	.0							7.4	6.2	6.0
(E) 080-100	2.3	2.8	.6	.0	.0							5.7	5.7	5.0
110-130	2.0	3.7	.8	.1								6.6	6.2	6.0
140-160	2.6	5.6	1.6	.1								9.9	6.6	6.0
(S) 170-190	4.1	7.6	7.0	1.8	.1							20.5	8.6	8.0
200-220	3.5	5.9	4.9	1.0	.1							15.4	8.1	8.0
230-250	2.4	2.1	.8	.2	.1							5.5	5.9	5.0
(W) 260-280	1.0	1.0	.2	.0	.0							3.2	5.1	4.0
290-310	1.6	1.1	.2	.0	.0							3.0	5.1	4.0
320-340	1.5	2.1	1.1	.2								4.9	7.0	6.5
VARIABLE														
CALM	////////////////////////////////////											7.6	////////////////////////////////	
TOTALS	28.2	40.4	20.0	3.4	.3							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 4200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	2.1	3.7	1.1								6.8	6.3	7.0
020-040	1.1	5.8	1.1	.5							8.4	7.7	7.0
050-070	3.7	6.3	6.3								16.3	7.7	8.0
(E) 080-100	3.7	7.4	2.1	.5							13.7	6.9	6.5
110-130	3.7	10.0	1.6								15.3	6.3	6.0
140-160	.5	5.8	2.1								8.4	7.6	7.0
(S) 170-190	1.1	1.6	2.6								5.3	9.1	9.5
200-220	1.1	2.1	1.6								4.7	7.0	6.0
230-250		.5	.5								1.1	9.0	9.0
(W) 260-280	2.1	1.6									3.7	5.6	4.0
290-310	1.6	2.6									4.2	5.0	5.0
320-340	.5	6.3	2.1	.5							9.5	7.7	7.5
.....													
VARIABLE													
CALM	////////////////////////////////////										2.6	////////////////////////////////	
TOTALS	21.2	53.7	21.1	1.5							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 190
.....

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	2.0	1.7									5.0	7.1	7.0
020-040	.3	2.0	1.0									3.3	8.0	8.0
050-070	2.0	2.7	.7									5.3	5.9	5.0
(E) 080-100	3.3	2.7	.3									6.3	5.2	4.0
110-130	2.3	2.3	.7									5.3	5.7	5.0
140-160	2.3	3.7	1.7									7.7	6.3	6.0
(S) 170-190	3.7	8.3	6.7									18.7	7.4	7.0
200-220	3.3	12.0	6.3									21.7	7.3	7.0
230-250	4.3	5.7	2.3									12.3	6.2	5.0
(W) 260-280	3.3	.7										4.0	3.6	3.0
290-310	1.3	1.0										2.3	4.6	4.0
320-340	1.7	1.3	.7									3.7	5.9	5.0
VARIABLE														
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	29.1	44.4	22.1									100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	2.0	1.0									5.0	6.2	5.0
020-040	1.1	3.4	1.6	.1								6.2	7.4	7.0
050-070	1.2	3.7	.2									5.1	5.7	6.0
(E) 080-100	2.0	2.3	.8									5.1	6.2	6.0
110-130	1.6	3.8	1.0									6.3	6.5	6.0
140-160	1.2	3.6	1.3									6.1	6.8	6.0
(S) 170-190	2.7	8.2	4.9	.7								16.4	7.8	7.0
200-220	6.1	10.7	7.2	.8								22.8	7.9	8.0
230-250	3.4	6.6	2.4	.2								12.7	6.9	6.0
(W) 260-280	2.2	1.6	.2									4.2	4.8	4.0
290-310	.6	2.2	.2									3.0	6.1	6.0
320-340	1.1	1.0	1.3									3.4	6.9	7.0
VARIABLE														
CLIM	////////////////////											3.6	////////	
TOTALS	23.2	49.3	22.1	1.8								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	2.4	1.3	.1								6.3	6.6	6.0
020-040	1.4	3.6	1.4									6.4	7.0	7.0
050-070	1.7	3.7	.2									5.7	5.7	6.0
(E) 080-100	1.4	4.3	.6									6.3	6.1	6.0
110-130	2.3	3.3	.6									6.2	5.7	5.0
140-160	2.1	4.1	2.1	.6								8.9	7.7	7.0
(S) 170-190	2.8	7.2	8.6	.2								18.8	8.6	9.0
200-220	2.7	10.9	6.8	1.2								21.6	8.3	8.0
230-250	2.3	3.7	2.1	.1								8.2	7.2	6.5
(W) 260-280	1.3	1.1	.1									2.6	5.2	4.0
290-310	1.3	1.0	.1									2.4	4.4	3.5
320-340	.8	1.6	1.6									3.9	7.9	8.0
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	22.5	46.9	25.6	2.2								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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CITY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.1	1.6	.1								7.0	7.2	7.0
020-040	1.2	3.2	.9									5.3	6.8	6.5
050-070	2.6	5.3	.6	.2								8.7	6.1	6.0
(E) 080-100	2.4	3.0	.7									6.1	5.5	5.0
110-130	1.8	2.8	.7									5.2	6.1	6.0
140-160	1.8	4.4	1.8	.3								8.3	7.3	7.0
(S) 170-190	3.8	9.0	7.4	1.0								21.2	8.2	8.0
200-220	3.4	9.2	6.4	.3								19.4	7.8	8.0
230-250	2.8	2.7	1.0									6.4	5.6	5.0
(W) 260-280	1.2	.7										1.9	4.1	4.0
290-310	.9	.8	.2	.1								2.0	6.1	6.0
320-340	1.3	1.6	.7	.1								3.7	6.4	6.0
VARIABLE														
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	24.4	46.8	22.0	2.1								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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.0	3.2	1.3									6.6	6.7	7.0
020-040	1.3	2.3	1.2									4.9	6.7	6.0
050-070	3.8	3.8	.4	.1								8.1	5.2	5.0
(E) 080-100	5.2	2.9	.6									8.7	4.6	4.0
110-130	4.5	1.8	.3									6.6	4.4	4.0
140-160	5.4	4.6	.4									10.4	5.0	4.0
(S) 170-190	8.9	13.4	3.8	.2								26.3	6.2	6.0
200-220	5.6	6.0	1.2									12.8	5.4	5.0
230-250	1.3	.4										1.8	3.8	3.0
(W) 260-280	.4	.2	.1									.8	4.9	4.0
290-310	.4	.3										.8	4.7	4.0
320-340	1.1	.8	.2									2.1	5.5	4.0
VARIABLE														
CALM	////////////////////											10.1	////////	
TOTALS	39.9	39.7	9.5	.3								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-CEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG-80 - JUL 90
MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010.	2.7	1.7	1.3	.3								6.0	6.4	5.5
020-040	1.3	2.0										3.3	5.6	5.5
050-070	3.7	3.3										7.0	4.9	4.0
(E) 080-100	5.0	.7	.3									6.0	3.4	2.5
110-130	5.4	2.0										7.4	4.2	4.0
140-160	6.7	7.0	1.0									14.7	5.2	5.0
(S) 170-190	11.7	13.4	2.0	.3								27.4	5.4	5.0
200-220	4.0	4.7	.7									9.4	5.4	5.0
230-250	1.0											1.0	2.0	2.0
(W) 260-280	.7											.7	3.0	3.0
290-310	.3	.3	.3									1.0	6.3	7.0
320-340	.3	.7										1.0	5.0	5.0
VARIABLE														
CALM	////////////////////											15.1	////////	
TOTALS	42.8	35.8	5.6	.6								100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 299

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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
(DEGREES)												% WIND WIND
(N) 350-010	1.9	2.2	1.3	.1								6.1 6.7 6.0
020-040	1.2	3.0	1.2	.0								5.4 7.0 7.0
050-070	2.4	4.0	.4	.1								6.8 5.6 5.0
(E) 080-100	3.0	2.9	.6									6.5 5.3 5.0
110-130	2.7	2.8	.6									6.1 5.5 5.0
140-160	2.9	4.3	1.4	.2								8.8 6.4 6.0
(S) 170-190	5.0	9.7	5.9	.5								21.0 7.4 7.0
200-220	3.9	9.1	5.1	.5								18.6 7.5 7.0
230-250	2.5	3.3	1.4	.1								7.2 6.4 6.0
(W) 260-280	1.4	.9	.1									2.4 4.6 4.0
290-310	.8	1.0	.1	.0								2.0 5.4 6.0
320-340	1.1	1.2	.9	.0								3.1 6.7 6.0
VARIABLE												
CALM	////////////////////											5.9 //////////////////
TOTALS	28.8	45.0	19.0	1.5								100.0 6.3 6.0

TOTAL NUMBER OF OBSERVATIONS 4196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CITY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS: ALL

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

AND/OR

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

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND
(N) 350-010	1.9	3.1	5.0									9.9
020-040	.6	1.9	1.9	.6								5.0
050-070	1.2	6.8	3.7	1.2								13.0
(E) 080-100	5.6	7.5	6.2									19.3
110-130	1.2	5.0	2.5									8.7
140-160	2.5	2.5		.6								5.6
(S) 170-190	1.9	4.3	3.7									9.9
200-220	3.7	1.9	.6									6.2
230-250	1.9	.6	.6									3.1
(W) 260-280	2.5											2.5
290-310	3.1		1.2									4.3
320-340	.6	2.5	5.6									8.7
VARIABLE												
CALM	////////////////////											3.7
TOTALS	26.7	36.1	31.0	2.4								100.0

TOTAL NUMBER OF OBSERVATIONS 161

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	3.2	.6									6.5	5.9	6.5
020-040	1.6	2.6	.6									4.8	6.3	7.0
050-070	2.3	5.8	.3									8.4	5.7	6.0
(E) 080-100	1.9	2.9	.6									5.5	6.1	7.0
110-130	.6	4.8	.3									5.8	6.7	6.5
140-160	2.3	6.1	1.6									10.0	6.5	6.0
(S) 170-190	2.3	11.9	5.8									20.0	7.5	7.0
200-220	5.2	8.7	3.5									17.4	6.6	7.0
230-250	4.5	4.2	.3									9.0	4.6	4.5
(W) 260-280	2.3	1.9										4.2	4.2	4.0
290-310	2.6	.3										2.9	2.8	2.0
320-340	1.3	1.6										2.9	3.9	5.0
VARIABLE														
CALM	////////////////////											2.6	////////	
TOTALS	29.5	54.0	13.6									100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.1	3.0	.8									4.8	6.3	6.0
020-040	1.9	4.8	2.0									8.8	6.8	6.0
050-070	1.9	4.4	.8									7.1	5.9	6.0
(E) 080-100	1.5	4.2	1.2									6.9	6.5	7.0
110-130	1.6	3.2	1.6									6.5	6.7	7.0
140-160	1.3	4.6	1.6									7.5	7.2	7.0
(S) 170-190	2.6	9.7	4.0	.6								16.9	7.7	7.0
200-220	3.8	8.1	6.0	.5								18.4	7.9	8.0
230-250	3.9	5.4	1.5	.1								10.9	6.1	6.0
(W) 260-280	2.9	1.4	.1									4.4	4.0	4.0
290-310	1.7	.8	.2									2.7	4.3	4.0
320-340	1.5	1.4	.1									3.0	4.5	4.5
VARIABLE														
CALM	////////////////////											2.2	////	////
TOTALS	25.7	51.0	19.9	1.2								100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	3.3	1.2									5.1	7.7	8.0
020-040	1.3	5.5	1.6									8.4	7.2	7.0
050-070	1.6	4.3	.8									6.7	6.3	6.0
(E) 080-100	1.7	4.4	1.2									7.3	6.6	7.0
110-130	2.4	3.9	1.7									8.0	6.7	7.0
140-160	2.4	4.9	1.6									8.9	6.8	7.0
(S) 170-190	2.7	7.6	5.2	1.1								16.6	8.3	8.0
200-220	3.2	8.8	5.8	.5								18.4	7.9	8.0
230-250	2.8	3.8	.9									7.4	5.8	6.0
(W) 260-280	1.7	1.4	.1	.1								3.3	5.1	4.0
290-310	1.1	1.4	.4									2.9	5.9	6.0
320-340	2.0	1.3	.5									3.9	5.2	4.0
VARIABLE														
CALM	////////////////////											3.2	////////	
TOTALS	23.4	50.6	21.0	1.7								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.9	3.7	.8									6.3	5.9	6.0
020-040	1.2	4.5	1.1	.2								7.0	7.0	7.0
050-070	1.6	5.9	1.0									8.5	6.6	7.0
(E) 080-100	2.3	3.4	1.2									6.9	6.1	6.0
110-130	1.7	5.7	.6	.2								8.3	6.5	6.0
140-160	2.8	5.9	1.8									10.5	6.5	6.5
(S) 170-190	4.1	9.4	5.6	.1								19.1	7.5	8.0
200-220	4.0	9.1	3.4	.3								16.9	6.9	6.0
230-250	1.2	2.2	.4									3.8	5.9	6.0
(W) 260-280	1.5	.9	.1									2.5	4.2	3.0
290-310	2.0	.6	.1									2.8	3.9	3.5
320-340	1.9	1.8	.5									4.3	5.4	5.0
VARIABLE														
CALM	////////////////////											3.1	////////	
TOTALS	26.2	53.1	16.6	.8								100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.9	.4									4.7	5.3	4.5
020-040	1.4	3.2	.5	.1								5.3	6.6	6.0
050-070	5.9	3.1	.3									9.4	4.3	4.0
(E) 080-100	5.8	5.9	.3									12.0	4.8	5.0
110-130	4.7	2.5	.1	.1								7.4	4.5	4.0
140-160	6.6	8.6	.9	.3								16.3	5.5	5.0
(S) 170-190	7.7	10.9	1.0									19.6	5.5	5.0
200-220	3.3	2.5	.9									6.7	5.3	4.5
230-250	1.1	.5										1.6	4.1	4.0
(W) 260-280	.6		.1									.8	3.4	3.0
290-310	.8	.1										.9	3.4	3.0
320-340	2.9	1.1	.1									4.1	3.7	2.5
VARIABLE														
CALM	////////////////////////////////////											11.3	////////	
TOTALS	43.2	40.3	4.6	.5								100.0	4.5	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GERAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.9	.6									6.1	5.0	4.0
020-040	2.3	1.6	.6									4.5	5.4	4.5
050-070	7.7	1.6	.3									9.7	3.6	3.0
(E) 080-100	5.8	4.2	.3									10.3	4.5	4.0
110-130	4.5	5.2	.3									10.0	5.0	5.0
140-160	4.8	8.1	.3									13.2	5.6	5.0
(S) 170-190	10.3	10.0	1.6									21.9	5.1	5.0
200-220	1.9	2.6	1.0									5.5	6.4	6.0
230-250	.3	.3										.6	5.5	5.5
(W) 260-280	.6											.6	1.5	1.5
290-310														
320-340	1.0	.6										1.6	4.4	4.0
VARIABLE														
CALM	////////////////////											15.8	////////	
TOTALS	42.7	36.1	5.0									100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL
LST TO UTC: + 6 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	2.9	.8									5.4	6.2	6.0
020-040	1.5	4.2	1.2	.1								7.0	6.8	7.0
050-070	3.1	4.3	.6									8.1	5.5	5.0
(E) 080-100	3.0	4.4	.9									8.2	5.7	6.0
110-130	2.6	4.0	.9	.1								7.6	6.0	6.0
140-160	3.3	6.2	1.4	.1								10.9	6.3	6.0
(S) 170-190	4.6	9.6	3.9	.4								18.5	7.0	7.0
200-220	3.6	6.9	3.8	.3								14.6	7.2	7.0
230-250	2.3	2.9	.6	.0								5.8	5.7	5.0
(W) 260-280	1.7	.9	.1	.0								2.7	4.3	3.0
290-310	1.4	.6	.2									2.2	4.4	4.0
320-340	2.0	1.4	.3									3.6	4.6	4.0
VARIABLE														
CALM	////////////////////											5.6	////////	
TOTALS	30.8	48.3	14.7	1.0								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724460

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG HOURS: ALL

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

AND/OR

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

DIRECTION (DEGREES,	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	3.9	1.9									6.8	7.5	8.0
020-040	1.3	12.6	5.5	.3								19.7	8.1	8.0
050-070	1.0	14.2	2.3									17.4	7.2	7.0
(E) 080-100	4.2	8.7	1.0									13.9	6.1	6.0
110-130	1.9	6.1	1.9									10.0	7.1	7.0
140-160	1.6	2.3	1.6									5.5	6.9	7.0
(S) 170-190	2.3	5.5	.3									8.1	5.7	6.0
200-220	1.6	.6	1.3									3.5	6.8	6.0
230-250	1.6	.6										2.3	4.0	4.0
(W) 260-280	2.3	1.0										3.2	3.6	3.0
290-310	1.0	.3	.6									1.9	6.2	6.5
320-340	1.3	1.3	1.3									3.9	6.6	6.5
VARIABLE														
CALM	////////////////////////////////////, //////////////////////////////////											3.9	////////	
TOTALS	21.1	57.1	17.7	.3								109.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 91
MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.5	.3									5.5	6.1	6.5
020-040	1.4	1.4	2.4									5.2	7.8	9.0
050-070	2.1	4.8	1.0									8.0	6.4	6.0
(E) 080-100	1.7	1.4	1.0									4.2	6.6	7.5
110-130	.7	2.8	1.0									4.5	7.2	7.0
140-160	2.1	7.3	3.1	.7								13.1	7.4	6.5
(S) 170-190	3.8	9.7	7.6									21.1	8.0	8.0
200-220	3.5	3.8	6.2	.7								14.2	8.2	9.0
230-250	2.4	2.4	.3									5.2	5.1	5.0
(W) 260-280	2.8	.7										3.5	3.9	3.0
290-310	1.4	2.4	.7	.3								4.8	7.4	7.0
320-340	2.1	1.7		1.0								4.8	6.9	5.0
VARIABLE														
CH1	////////////////////											5.9	////////	
TOTAL	25.7	41.9	23.6	2.7								100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.8	5.4	1.5									8.7	6.8	7.0
020-040	.9	2.9	2.0	.1								5.9	7.7	7.0
050-070	1.1	3.7	.8									5.6	6.5	6.0
(E) 080-100	1.3	3.1	.8									5.2	6.7	7.0
110-130	.9	4.4	1.7	.1								7.1	7.6	7.0
140-160	1.6	5.4	2.5	.1								9.7	7.4	8.0
(S) 170-190	3.1	7.2	6.6	2.1								19.0	8.8	9.0
200-220	3.0	5.1	8.3	1.4	.1							17.8	9.2	10.0
230-250	1.5	1.4	1.5	.3	.1							4.8	7.8	7.5
(W) 260-280	1.7	2.0	.3									4.0	5.2	5.0
290-310	1.6	1.3	.9	.2								4.0	6.5	6.0
320-340	1.3	2.4	1.5	.6								5.7	8.1	7.5
VARIABLE														
CALM	////////////////////											2.4	////////////////	
TOTALS	19.8	44.3	28.4	4.9	.2							100.0	7.6	8.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.8	5.3	3.7	.3								11.1	8.1	8.0
020-040	1.1	2.3	2.2	.2								5.9	8.2	9.0
050-070	1.3	3.1	.6									4.9	6.2	6.0
(E) 080-100	1.6	2.2	.8									4.6	6.0	6.0
110-130	1.5	2.2	1.3									4.9	6.7	6.0
140-160	2.5	6.2	4.0	.1								12.9	7.5	7.0
(S) 170-190	3.2	6.1	7.8	1.7	.1							19.0	9.2	10.0
200-220	2.4	6.8	6.1	2.0	.6							17.8	9.6	9.0
230-250	2.6	1.4	1.0	.3								5.4	6.7	5.0
(W) 260-280	1.1	.8		.3								2.3	6.0	4.5
290-310	1.3	.8	.3									2.4	5.0	4.0
320-340	1.6	2.1	2.6	.1								6.4	7.9	8.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	22.0	39.3	30.4	5.0	.7							100.0	7.8	8.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.9	6.2	3.4									12.5	7.2	7.0
020-040	1.3	2.1	1.7	.2								5.3	7.7	7.0
050-070	1.6	2.1	.3									4.0	5.6	5.0
(E) 080-100	.7	3.1	1.0	.1								4.9	7.1	6.0
110-130	1.6	4.1	1.7									7.5	7.1	7.0
140-160	4.0	7.6	2.1	.1								13.8	6.5	6.0
(S) 170-190	2.3	7.2	9.1	2.1	.2							20.9	9.6	10.0
200-220	2.2	4.6	4.6	.9	.3							12.6	8.8	9.0
230-250	1.6	1.8	.2	.2								3.9	5.6	5.0
(W) 260-280	1.6	.6		.3								2.5	5.6	4.0
290-310	1.6	1.7	.3									3.7	5.2	5.0
320-340	1.1	3.0	.7									4.8	6.7	7.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	22.5	44.1	25.1	3.9	.5							100.0	7.3	7.0
TOTAL NUMBER OF OBSERVATIONS 870														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.3	4.1	1.2		.1							10.7	5.4	5.0
020-040	1.4	1.5	1.2	.2								4.3	7.4	7.0
050-070	3.9	1.3										5.2	3.8	3.0
(E) 080-100	3.6	1.4										5.0	4.0	4.0
110-130	6.5	4.1	.5									11.1	4.8	4.0
140-160	8.2	8.1	2.0	.2								18.4	5.7	5.0
(S) 170-190	6.5	8.1	3.7	.5								18.7	6.6	6.0
200-220	2.3	2.6	1.5	.3								6.8	6.8	6.0
230-250	.9		.1									1.0	3.4	2.0
(W) 260-280	.7	.5			.1							1.3	5.6	4.0
290-310	1.2	.1	.2	.1								1.6	4.8	3.0
320-340	2.2	1.3	.7									4.1	5.4	4.0
VARIABLE														
CALM	////////////////////////////////////											11.9	////////	
TOTALS	42.7	33.1	11.1	1.3	.2							100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 868														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	3.5	2.8	.3	.3								6.9	5.5	4.5
020-040	1.0	1.4	1.7									4.2	7.9	8.5
050-070	4.8	1.0										5.9	3.6	3.0
(E) 080-100	4.2	1.4	.3									5.9	4.4	4.0
110-130	2.4	4.8	.3									7.6	5.6	6.0
140-160	7.6	9.7	1.4									18.7	5.6	5.0
(S) 170-190	8.7	9.3	3.5	.3								21.8	6.4	6.0
200-220	2.8	2.1	.3	.7								5.9	6.3	5.0
230-250	2.1											2.1	2.3	2.0
(W) 260-280	1.7	1.0										2.8	3.9	4.0
290-310	1.7											1.7	2.6	3.0
320-340	2.4	1.4	.3									4.2	4.7	3.0
VARIABLE														
CALM	////////////////////											12.5	////////	
TOTALS	42.9	34.9	8.1	1.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 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	2.9	5.0	2.1	.1	.0							10.1	6.8	7.0
020-040	1.2	2.1	1.8	.2								5.2	7.8	7.5
050-070	2.2	2.6	.4									5.2	5.5	5.0
(E) 080-100	1.9	2.3	.7	.0								4.9	5.8	5.0
110-130	2.5	3.7	1.2	.0								7.4	6.3	6.0
140-160	4.2	7.1	2.6	.2								14.0	6.6	6.0
(S) 170-190	4.1	7.5	6.6	1.4	.1							19.7	8.4	8.0
200-220	2.6	4.5	4.9	1.1	.2							13.2	8.8	9.0
230-250	1.8	1.2	.6	.2	.0							3.8	6.2	5.0
(W) 260-280	1.4	.9	.1	.1	.0							2.6	5.3	4.0
290-310	1.4	1.0	.4	.1								3.0	5.6	5.0
320-340	1.7	2.1	1.2	.2								5.2	7.0	7.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////	
TOTALS	27.9	40.0	22.6	3.6	.3							100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 4056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS KY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	10.2	6.5									18.0	8.5	8.0
020-040		2.4	9.9	1.0								13.3	10.9	11.0
050-070	1.0	6.5	1.7									9.2	7.3	8.0
(E) 080-100	1.4	3.7	1.4									6.5	7.1	8.0
110-130	1.7	2.4	.7	.3								5.1	7.0	6.0
140-160	1.4	7.8	3.7									12.9	7.5	8.0
(S) 170-190	5.1	5.1	2.4									12.6	6.1	6.0
200-220	2.0	4.4	1.7									8.2	7.0	7.5
230-250	1.0											1.6	2.7	3.0
(W) 260-280	.7											.7	3.5	3.5
290-310	.3	.7	.7	.3								2.0	9.8	10.0
320-340	1.4	2.0	1.7	.7								5.8	8.1	8.0
VARIABLE														
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	17.4	45.2	30.4	2.3								100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 294

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	3.3	3.0	.7								9.0	8.2	8.0
020-040	2.0	3.0	1.7	.3								7.0	7.1	7.0
050-070	2.3	1.3	1.0									4.7	5.8	4.5
(E) 080-100	2.3	3.3	1.3									7.0	6.4	6.0
110-130	1.7	4.3	.7									6.7	6.3	5.5
140-160	1.3	4.3	4.0									9.7	8.4	9.0
(S) 170-190	3.0	7.7	5.0		.3							16.0	8.1	8.0
200-220	1.7	4.7	3.7	.3								10.3	8.3	8.0
230-250	3.3	3.0	.7									7.0	5.0	5.0
(W) 260-280	3.0	2.0	.3									5.3	4.8	4.0
290-310	2.3	2.0	1.0									5.3	5.6	5.0
320-340	1.7	1.7	1.0									4.3	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											7.7	////////////////////////////////	
TOTALS	26.6	40.6	23.4	1.3	.3							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.0	4.1	3.3	.2								9.7	8.3	8.0
020-040	1.2	2.9	2.1	.8	.1							7.1	8.8	8.0
050-070	1.4	1.9	.8									4.1	6.3	5.0
(E) 080-100	2.2	2.8	.6									5.6	5.9	6.0
110-130	1.8	3.1	1.3									6.2	6.8	6.5
140-160	2.7	3.9	3.2	.1								9.9	7.1	7.0
(S) 170-190	2.2	6.1	7.7	1.8	.2							18.1	9.6	10.0
200-220	1.3	5.4	3.8	1.3	.1							11.9	9.3	9.0
230-250	1.4	3.5	1.3	.4								6.7	7.7	7.0
(W) 260-280	2.0	1.6	1.1	.3								5.0	7.0	6.0
290-310	1.1	2.0	1.0									4.1	6.8	7.0
320-340	1.6	3.0	2.9	.2								7.7	8.1	8.0
VARIABLE														
CALM	////////////////////											3.8	////	////
TOTALS	20.9	40.3	29.1	5.1	.4							100.0	7.8	8.0

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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.9	3.0	.4								10.0	7.6	7.0
020-040	1.6	3.5	2.1	.4								7.6	7.8	8.0
050-070	1.4	1.8	.3									3.6	5.7	5.0
(E) 080-100	1.3	2.2	.9									4.5	6.7	7.0
110-130	1.9	2.8	.8									5.5	6.1	6.0
140-160	2.8	3.9	2.9	.1								9.7	7.2	7.0
(S) 170-190	1.9	4.5	6.5	2.1	.4							15.4	10.4	10.0
200-220	1.7	4.1	6.2	.9	.1							13.0	9.5	10.0
230-250	1.3	3.1	2.3	.3								7.1	8.1	8.0
(W) 260-280	1.4	3.3	.9	.1								5.8	7.1	7.0
290-310	1.0	2.6	1.8	.6								5.9	8.6	8.0
320-340	2.0	3.3	3.6	.7								9.6	8.5	8.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	21.0	39.0	31.3	5.6	.5							100.0	8.0	8.0

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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	3.9	3.4	.4								10.2	7.8	7.5
020-040	1.3	3.1	2.0	.3								6.8	7.7	7.0
050-070	2.2	1.6	.4									4.2	5.0	4.0
(E) 080-100	1.0	2.9	.4									4.3	6.5	6.0
110-130	1.8	2.7	.8	.2								5.5	6.3	6.0
140-160	2.3	6.6	2.4	.1								11.5	7.2	7.0
(S) 170-190	1.7	5.8	5.7	1.3	.1	.1						14.7	9.5	9.0
200-220	2.0	3.8	2.8	.3								8.9	7.9	8.0
230-250	1.9	2.8	.7	.4								5.8	6.8	6.0
(W) 260-280	3.0	1.9	.3									5.2	4.6	4.0
290-310	3.1	3.0	1.8	.3								8.2	6.8	6.0
320-340	2.7	4.3	2.0	.4								9.5	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	25.4	42.4	22.7	3.7	.1	.1						100.0	6.9	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	3.4	1.8	.2								9.0	6.2	5.0
020-040	2.0	2.7	1.1									5.8	6.2	5.5
050-070	3.1	2.0	.4									5.6	5.1	4.0
(E) 080-100	3.3	1.7	.1									5.1	4.2	4.0
110-130	4.4	2.7	.9									8.0	5.0	4.0
140-160	3.1	7.3	2.1									12.6	6.6	6.0
(S) 170-190	6.4	5.9	3.1	.2	.1							15.8	6.4	6.0
200-220	2.6	2.2	1.0									5.8	5.8	5.0
230-250	2.1	.9	.4									3.4	4.5	4.0
(W) 260-280	1.1	.2	.2									1.6	3.9	2.0
290-310	1.4	1.2	.6	.2								3.4	6.1	6.0
320-340	3.4	2.1	.3	.2								6.1	5.0	4.0
VARIABLE														
CALM	////////////////////											17.9	////////	
TOTALS	36.5	32.3	12.0	.8	.1							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.7	4.0	1.7									9.3	6.0	6.0
020-040	2.3	1.7	1.7									5.7	6.8	6.0
050-070	1.3	2.7	.3									4.3	6.2	7.0
(E) 080-100	3.7	2.3	.3									6.3	4.6	4.0
110-130	4.7	4.3	.7									9.7	5.1	5.0
140-160	1.0	3.7	3.7									8.3	8.1	9.0
(S) 170-190	6.0	9.0	4.0	.7								19.7	6.7	6.0
200-220	2.3	4.0	.7									7.0	5.7	6.0
230-250	2.0	.7	.3									3.0	4.3	3.0
(W) 260-280	2.0		.3									2.3	4.0	3.0
290-310	1.0	2.0	.3									3.3	6.7	7.0
320-340	2.7	1.3	.3									4.3	4.6	3.0
VARIABLE														
CALM	////////////////////											16.7	////////	
TOTALS	32.7	35.7	14.3	.7								100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.8	2.8	.3								9.7	7.4	7.0
020-040	1.6	2.9	1.8	.4	.0							6.7	7.6	7.0
050-070	2.0	1.8	.5									4.4	5.6	5.0
(E) 080-100	2.1	2.5	.5									5.1	5.7	6.0
110-130	2.6	3.0	.9	.0								6.6	5.9	6.0
140-160	2.5	5.2	2.8	.1								10.6	7.2	7.0
(S) 170-190	3.3	6.0	5.6	1.2	.2	.0						16.2	8.7	8.0
200-220	1.9	3.9	3.3	.6	.0							9.7	8.4	8.0
230-250	1.8	2.5	1.1	.3								5.7	6.8	6.0
(W) 260-280	2.0	1.6	.6	.1								4.3	5.9	5.0
290-310	1.7	2.2	1.2	.2								5.3	7.0	7.0
320-340	2.4	3.0	2.0	.3								7.7	7.2	6.0
VARIABLE														
CALM	////////////////////											8.0	////////	
TOTALS	26.6	38.4	23.1	3.5	.2							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 4193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	4.1	5.9	2.7	.7								13.4	7.2	6.0
020-040	2.3	6.6	4.8	.7								14.5	8.2	8.0
050-070	1.4	4.5	.9									6.8	6.7	6.5
(E) 080-100	1.6	4.7	.9									7.2	6.7	7.0
110-130	1.4	5.5	1.4	.4								8.8	7.3	7.0
140-160	1.6	5.2	3.9	.2								10.9	8.0	8.0
(S) 170-190	1.6	3.2	3.8	.5	.5							9.7	9.2	9.5
200-220	.9	.9	.7	.2	.2							2.9	8.3	7.5
230-250	.5	.9	.5	.2								2.1	7.9	7.0
(W) 260-280	2.7	.4	.5	.2								3.8	4.7	3.0
290-310	.5	.5	.7									1.8	7.6	8.0
320-340	3.9	3.6	2.7	.2								10.4	6.7	6.0
VARIABLE														
CALM	////////////////////											7.9	////////////////	
TOTALS	22.5	41.9	23.5	3.3	.7							100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 559

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.9	3.9	.7								10.0	9.1	8.5
020-040	.7	2.1										2.8	6.0	7.0
050-070	1.1	1.1	2.1	.4								4.6	8.7	10.0
(E) 080-100	.7	2.5	.4	.4								3.9	7.8	8.0
110-130	1.4	2.5	.4									4.3	5.5	5.0
140-160	1.1	4.6	5.0									10.7	8.8	9.0
(S) 170-190	2.8	8.2	5.7	1.4								18.1	8.7	8.0
200-220	2.5	5.3	2.5	.7								11.0	7.6	7.0
230-250	1.1	2.1	1.8									5.0	8.0	7.0
(W) 260-280	3.2	1.4	.4									5.0	4.7	4.0
290-310	2.5	2.5	2.5									7.5	7.3	6.0
320-340	2.5	1.4	3.9	.7								8.5	8.7	10.0
VARIABLE														
CALM	////////////////////////////////////											8.5	////////////////////////////////	
TOTALS	21.0	37.6	28.6	4.3								100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 281

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	3.4	3.6	.4								8.5	8.6	8.5
020-040	.7	2.6	1.7	.2								5.2	8.2	8.0
050-070	.9	2.0	1.7	.1								4.7	8.1	7.5
(E) 080-100	1.3	1.4	1.8	.1	.1							4.7	8.1	8.0
110-130	.7	1.9	1.3	.2								4.2	8.1	9.0
140-160	1.3	2.5	4.0	.5								8.3	8.8	10.0
(S) 170-190	1.5	5.5	6.9	2.1	.4							16.4	10.2	10.0
200-220	1.8	5.8	4.6	1.2	.1							13.5	8.8	9.0
230-250	1.1	3.3	2.6	.8								7.8	9.1	8.0
(W) 260-280	.6	2.5	1.2	.2								4.5	8.0	7.0
290-310	1.8	3.7	2.6	.7								8.8	8.2	8.0
320-340	2.4	2.0	4.4	1.5	.2							10.6	9.7	10.0
VARIABLE														
CALM	////////////////////											2.7	////	////
TOTALS	15.3	36.6	36.4	8.0	.8							100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG-80 - JUL 90
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	1.0	4.8	3.7	.6								10.0	9.0	8.5
020-040	1.2	2.9	1.5	.2								5.8	7.7	8.0
050-070	.7	1.5	1.5									3.8	8.4	9.0
(E) 080-100	1.2	1.0	.7	.2								3.1	7.2	6.0
110-130	1.1	1.3	1.3									3.7	7.5	8.0
140-160	1.3	2.9	3.3	.7								8.2	8.9	9.0
(S) 170-190	1.2	4.8	6.0	2.5	.5	.1						15.0	10.8	11.0
200-220	1.8	6.2	5.4	1.2	.4							14.9	9.4	9.0
230-250	.7	3.6	1.8	.2								6.3	7.9	7.0
(W) 260-280	.7	1.8	2.5		.1							5.1	9.1	10.0
290-310	.7	4.5	4.8	1.5	.2							11.8	10.2	10.0
320-340	1.2	3.1	3.0	1.5	.4							9.2	10.1	10.0
VARIABLE														
CALM	////////////////////											3.1	////////	
TOTALS	12.8	38.4	35.5	8.6	1.6	.1						100.0	9.0	9.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724156

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.1	4.8	3.7	.6								11.2	8.2	8.0
020-040	.7	2.5	2.7	.1								6.1	8.8	9.0
050-070	.6	.8	1.3	.4	.1							3.2	9.3	10.0
(E) 080-100	.8	.8	.2	.1								2.0	6.4	5.0
110-130	1.1	2.9	1.0									4.9	6.5	6.0
140-160	1.3	4.9	2.3	.4								8.8	7.9	7.0
(S) 170-190	3.0	5.6	6.4	1.1	.4							16.4	8.9	9.0
200-220	2.7	3.9	3.5	.2	.1							10.5	7.5	7.0
230-250	1.5	2.1	1.0	.1								4.8	6.5	6.0
(W) 260-280	1.7	1.9	.8	.2								4.6	6.6	6.0
290-310	2.5	4.5	3.0	.8	.2							11.1	8.2	8.0
320-340	2.4	4.6	2.7	.4								10.1	7.4	7.0
VARIABLE														
CALM	////////////////////											6.3	////////	
TOTALS	20.4	39.3	28.6	4.4	.8							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-CEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 60 - JUL 90
LST TO UTC: + 6 MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.6	4.7	2.6	.2								10.1	7.5	8.0
020-040	1.0	2.1	1.4	.4								4.8	7.8	7.0
050-070	2.2	1.7	.9	.2	.1	.1						5.3	7.0	5.0
(E) 080-100	2.2	2.2	.1									4.6	5.4	5.0
110-130	2.6	1.7	.5									4.8	5.0	4.0
140-160	2.7	4.8	2.3									9.9	6.7	6.0
(S) 170-190	5.4	8.3	4.1	.2								18.0	6.6	6.0
200-220	2.3	4.1	1.7		.1							8.3	7.1	7.0
230-250	1.6	.6	.1									2.3	4.1	3.0
(W) 260-280	2.1	.7	.6	.1								3.6	5.5	4.0
290-310	1.9	3.1	.9	.2	.1							6.2	7.1	7.0
320-340	3.2	3.5	1.2	.2								8.2	6.4	6.0
VARIABLE														
CALM	////////////////////											13.8	////////	
TOTALS	29.8	37.5	16.4	1.5	.3	.1						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 809

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5	6.1	2.7	.4								10.6	8.1	7.0
020-040	3.0	2.7	1.9	.8								8.4	7.3	7.0
050-070	1.5	1.5	.8		.4							4.2	7.4	6.0
(E) 080-100	1.5	1.5	.4									3.4	5.4	5.0
110-130	1.5	1.9	.4									3.8	6.2	5.5
140-160	3.0	6.5	2.3									11.8	6.7	6.0
(S) 170-190	4.2	8.0	4.2	.4								16.7	7.0	6.0
200-220	3.0	4.9	1.1		.4							9.5	6.9	7.0
230-250	.8	.8	1.1									2.7	7.7	9.0
(W) 260-280	2.3	.8	.4									3.4	4.6	3.0
290-310	2.7	2.7	1.9	.8								8.0	7.2	6.0
320-340	.8	2.7	1.5									4.9	7.2	7.0
VARIABLE														
CALM	////////////////////											12.5	////////	
TOTALS	25.8	40.1	18.7	2.4	.8							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 263

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 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	1.7	4.5	3.4	.5								10.0	8.4	8.0
020-040	1.0	2.5	1.7	.3								5.5	8.0	8.0
050-070	1.1	1.5	1.4	.2	.1	.0						4.3	8.1	8.0
(E) 080-100	1.3	1.4	.7	.1	.0							3.6	6.8	6.0
110-130	1.4	2.0	.9	.1							4.3	6.6	6.0	
140-160	1.7	4.0	3.1	.3							9.1	8.0	8.0	
(S) 170-190	2.9	6.3	5.7	1.4	.3	.0						16.6	8.9	8.0
200-220	2.2	5.0	3.5	.6	.2							11.6	8.3	8.0
230-250	1.2	2.3	1.4	.3							5.1	7.6	7.0	
(W) 260-280	1.5	1.7	1.2	.1	.0						4.4	7.1	6.0	
290-310	1.8	3.3	2.7	.8	.1						9.2	8.5	8.0	
320-340	2.2	3.1	2.8	.9	.1						9.1	8.5	8.0	
VARIABLE														
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	20.0	38.1	28.5	5.6	.8						100.0	7.6	8.0	

TOTAL NUMBER OF OBSERVATIONS 3876

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 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	1.9	9.7	8.2	.4								20.2	8.6	8.0
020-040	1.0	7.6	6.0	.4								15.1	8.8	8.0
050-070	.4	3.4	4.1	1.0	.4	.1						9.5	10.8	10.0
(E) 080-100	.9	1.3		.4	.1							2.8	8.2	8.0
110-130	.3	1.3	.6	.3								2.5	8.5	7.0
140-160	.7	2.9	2.9	.1								6.7	8.6	9.0
(S) 170-190	1.6	3.7	3.2	.7								9.2	8.6	8.0
200-220	1.9	1.8	1.5		.1							5.3	6.8	6.0
230-250	1.3	.9	.9									3.1	6.4	5.0
(W) 260-280	.1	1.6	1.3									3.1	9.2	8.0
290-310	1.0	4.4	4.0	.3								9.7	8.7	9.0
320-340	2.8	3.8	4.0	.1								10.7	7.8	8.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	13.9	42.4	36.7	3.7	.6	.1						100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 683

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	4.4	3.4	.3	.3							10.1	8.2	8.0
020-040	.7	3.0	2.0	.3								6.1	8.0	8.0
050-070	.7	2.0	1.0	.7								4.4	8.2	8.0
(E) 080-100	1.7	2.0	.3									4.0	5.9	5.5
110-130	2.0	1.3	.3	.3								4.0	5.8	5.0
140-160	.3	1.3	2.0									3.7	9.8	11.0
(S) 170-190	2.7	7.1	3.0	.3								13.1	7.2	7.0
200-220	2.0	4.0	2.0	1.0								9.1	7.9	7.0
230-250	3.0	2.7	3.0	.3								9.1	7.3	6.0
(W) 260-280	4.0	2.4	1.7									8.1	5.7	4.5
290-310	1.3	4.4	1.7	1.3								8.8	8.4	7.5
320-340	1.3	4.0	3.4									8.8	7.8	8.0
VARIABLE														
CALM	////////////////////											10.8	////////	
TOTALS	21.4	38.6	23.8	4.5	.3							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 297

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	.7	2.7	4.7	.8								8.8	10.1	10.0
020-040	.8	2.6	1.8	.2								5.4	8.5	8.0
050-070	.8	1.7	1.3	.7								4.5	9.0	9.0
(E) 080-100	.8	2.0	1.2									4.0	7.4	7.0
110-130	1.1	1.8	1.3	.2								4.5	7.5	8.0
140-160	1.2	2.7	1.8	.3								6.0	8.1	8.0
(S) 170-190	2.5	5.3	3.2	.9	.1							12.0	8.3	8.0
200-220	1.3	3.2	4.4	1.1	.2							10.3	9.8	10.0
230-250	1.8	3.7	2.8	.3								8.6	7.9	7.0
(W) 260-280	2.8	3.7	2.1	.4								9.1	7.2	7.0
290-310	2.3	3.6	4.9	.7								11.5	8.7	9.0
320-340	1.3	3.9	4.9	1.1								11.3	9.3	10.0
VARIABLE														
CALM	////////////////////											4.0	////////	
TOTALS	17.4	36.9	34.4	6.7	.3							100.0	8.3	9.0

TOTAL NUMBER OF OBSERVATIONS 894

C - 4 - 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	3.2	3.6	.7								8.2	9.8	10.0
020-040	.8	1.6	1.7	.7	.1							4.8	9.4	10.0
050-070	.7	1.5	1.7	.2								4.0	8.6	9.0
(E) 080-100	1.3	1.7	.7									3.7	6.0	6.0
110-130	.9	1.9	.6									3.4	6.2	5.5
140-160	.8	3.0	1.9									5.7	7.9	8.0
(S) 170-190	1.7	3.8	3.5	.7	.3	.1						10.1	9.5	9.0
200-220	1.2	4.1	5.5	1.6	.3							12.8	10.2	10.0
230-250	1.9	2.8	3.9	.4	.1							9.2	8.9	9.0
(W) 260-280	3.1	3.6	2.6	.3								9.6	7.2	7.0
290-310	2.1	5.2	5.7	1.2								14.2	9.2	9.0
320-340	.9	4.3	4.7	1.2	.3							11.4	10.0	10.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	16.1	36.7	36.1	7.0	1.1	.1						100.0	8.7	9.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.2	3.3	.3	.1							9.1	8.5	8.0
020-040	.7	1.7	1.6	.7	.2							4.9	9.9	10.0
050-070	1.9	1.6	.8	.3								4.6	6.6	6.0
(E) 080-100	1.5	1.1	.6	.1								3.3	6.2	5.0
110-130	1.6	1.5	.5									3.5	5.5	5.0
140-160	1.0	3.7	1.2	.3								6.3	7.8	7.5
(S) 170-190	1.8	3.5	3.5	.6	.2							9.6	8.8	8.0
200-220	2.4	4.5	4.1	.8	.2							12.0	6.6	8.0
230-250	2.9	2.9	1.4	.3								7.6	6.6	6.0
(W) 260-280	3.0	3.7	1.0	.5								8.2	6.5	6.0
290-310	3.8	5.6	4.1	.3								13.9	7.3	7.0
320-340	2.4	5.2	2.8	.7								11.1	7.8	8.0
VARIABLE														
CALM	////////////////////											6.0	////////	
TOTALS	24.2	39.2	24.9	4.9	.7							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE-NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	2.3	5.1	3.4	1.0								11.8	8.5	8.0
020-040	2.0	1.8	1.0	.4								5.1	7.2	7.0
050-070	1.8	1.5	1.0	.1								4.4	6.5	5.0
(E) 080-100	1.1	1.6	.4									3.1	5.6	6.0
110-130	1.5	1.4	.6									3.5	6.0	5.0
140-160	2.4	3.4	.6	.3								6.6	6.5	6.0
(S) 170-190	3.3	2.6	3.6	.8	.5							10.8	8.7	9.0
200-220	4.5	4.5	2.9	.8								12.6	7.1	6.0
230-250	3.4	.9	1.1	.4								5.8	6.3	4.0
(W) 260-280	2.3	1.8	.3									4.3	4.7	4.0
290-310	3.3	3.4	1.4									8.0	5.8	6.0
320-340	3.5	3.6	2.3	.1								9.5	6.5	6.0
VARIABLE														
CALM	////////////////////											14.6	////////	
TOTALS	31.4	31.6	18.6	3.9	.5							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 800

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE-65			
(N) 350-010	1.2	6.8	4.8	1.6								14.3	9.1	8.5
020-040	.4	2.8	.4	.4								4.0	8.2	7.0
050-070	2.0	.4	.8	.8								4.0	7.1	4.5
(E) 080-100	.8	1.6	.8									3.2	6.3	6.0
110-130	1.2	2.0	.4									3.6	5.3	6.0
140-160	1.2	6.4	.8	.4								8.8	6.6	6.0
(S) 170-190	2.8	2.4	2.8	1.2	.4							9.6	9.2	8.5
200-220	4.4	4.4	5.2	.4								14.3	7.9	7.0
230-250	2.0	2.4	2.0									6.4	6.9	6.5
(W) 260-280	2.0	2.0		.4								4.4	6.4	6.0
290-310	2.4	3.2	2.0									7.6	6.3	5.0
320-340	1.6	2.4	.8	.4								5.2	6.9	6.0
VARIABLE														
CALM	////////////////////////////////////											14.7	////////////////////////////////	
TOTALS	22.0	36.8	20.8	5.6	.4							100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 251

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: +6 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	1.2	4.0	3.8	.7	.0							9.8	9.1	9.0
	020-040	1.0	2.0	1.5	.5	.1							5.0	8.7	8.0
	050-070	1.3	1.5	1.2	.4								4.4	7.7	7.0
(E)	080-100	1.2	1.6	.7	.0								3.6	6.3	6.0
	110-130	1.3	1.6	.7	.1								3.7	6.3	6.0
	140-160	1.2	3.3	1.4	.2								6.1	7.6	7.0
(S)	170-190	2.3	4.0	3.4	.7	.3	.0						10.7	8.7	8.0
	200-220	2.4	4.1	4.1	1.0	.2							11.8	8.8	9.0
	230-250	2.5	2.6	2.4	.3	.0							7.8	7.6	7.0
(W)	260-280	2.9	3.1	1.4	.3								7.7	6.6	6.0
	290-310	2.7	4.4	3.8	.6								11.5	7.9	8.0
	320-340	1.9	4.1	3.5	.7	.1							10.3	8.4	8.0
VARIABLE															
CALM		////////////////////////////////////										7.5	////////////////////////////////		
TOTALS		21.9	36.3	27.9	5.5	.7							100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 4021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	1.3	7.5	7.4	1.0								17.3	9.2	9.0
020-040	1.4	4.2	3.6	.8	.1							10.1	8.9	9.0
050-070	1.6	3.6	3.2	1.8								10.2	9.4	9.0
(E) 080-100	2.7	2.5	1.3									6.5	6.1	6.0
110-130	.9	1.9	.1									3.0	5.5	5.0
140-160	1.0	3.2	.8	.1								5.2	7.1	7.0
(S) 170-190	1.9	3.9	1.0	.3								7.1	6.8	7.0
200-220	1.0	1.9	2.6	1.3								6.9	10.0	10.0
230-250	.4	.8	.3	.3								1.7	7.9	7.0
(W) 260-280	2.6	2.7	1.4	.3								7.0	6.6	5.0
290-310	2.6	3.0	2.7	.1								8.4	7.2	7.0
320-340	2.3	4.2	4.8	.1								11.4	8.0	8.0
VARIABLE														
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	19.7	39.4	29.2	6.1	.1							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 771

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 -- JUL 90
LST TO UTC: + 6 MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	3.8	2.6	.5	.1	.0						8.9	8.1	8.0
020-040	1.2	2.6	1.7	.4	.1	.0						5.9	8.2	8.0
050-070	1.8	2.7	1.3	.2	.0	.0						6.0	7.0	6.0
(E) 080-100	1.8	2.5	1.1	.1	.0		.0					5.5	6.8	6.0
110-130	1.8	2.8	1.2	.1	.0							6.0	6.7	6.0
140-160	2.1	4.3	2.1	.3	.0		.0					8.9	7.3	7.0
(S) 170-190	2.9	6.1	4.9	1.3	.2	.0						15.4	8.7	8.0
200-220	2.4	4.9	4.2	1.0	.2	.0	.0					12.7	8.7	8.0
230-250	1.8	2.5	1.4	.3	.0							6.0	7.2	6.0
(W) 260-280	1.7	1.8	.8	.2	.0	.0						4.5	6.8	6.0
290-310	1.6	2.6	1.6	.4	.0	.0	.0					6.3	7.6	7.0
320-340	1.9	3.0	2.3	.6	.0							7.9	8.1	8.0
VARIABLE														
CALM	////////////////////											6.1	////////	
TOTALS	22.9	39.6	25.2	5.4	.6							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS: 49549

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	6.5	5.5	1.0	.2	.1						15.2	9.1	9.0
020-040	1.2	5.6	5.3	1.3	.2							13.6	9.6	9.0
050-070	1.5	4.9	4.0	1.2	.2	.0						11.7	9.3	9.0
(E) 080-100	1.7	3.3	2.0	.5	.3		.0					7.8	8.5	8.0
110-130	1.1	3.1	1.7	.4	.0							6.3	8.1	8.0
140-160	1.0	3.2	2.2	.4	.0							6.8	8.4	8.0
(S) 170-190	1.5	2.9	2.4	.5	.1							7.3	8.3	8.0
200-220	1.2	1.8	1.5	.2	.1							4.7	8.0	7.0
230-250	.9	1.0	.5	.1	.0							2.5	6.9	6.0
(W) 260-280	1.4	1.3	.8	.1		.0						3.6	6.7	5.5
290-310	1.6	2.6	1.7	.1		.0	.0					6.0	7.4	7.0
320-340	2.2	4.0	3.4	.6	.0							10.1	8.1	8.0
VARIABLE														
CALM	////////////////////											4.4	////	////
TOTALS	17.1	40.2	31.0	6.4	1.1	.1						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS: 5552

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAA	RRRRRRRR	TT	DD DD
PP	AAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

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PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

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

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

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

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

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

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

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

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR REPORTING STATIONS.

NOTE 2. AIRWAYS STATIONS THAT HAVE REPORTED IN SYNOPTIC CODE HAVE HAD THEIR
SYNOPTIC SKY COVER REPORTS CONVERTED AS FOLLOWS:

0/8.....CLEAR
1/8 THRU 4/8.....SCATTERED
5/8 THRU 7/8.....BROKEN
8/8.....OVERCAST

NOTE 3. "PARTIAL OBSCURATION" IS A SEPARATE CATEGORY NOT INCLUDED IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	51.7	53.4	53.7	54.4	55.8	56.1	56.1	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 20000	55.8	57.5	58.2	58.8	60.2	60.5	60.5	60.5	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 18000	56.1	57.8	58.5	59.2	60.5	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	56.1	57.8	58.5	59.2	60.5	60.9	60.9	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	57.1	58.8	59.5	60.2	61.9	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	59.5	61.2	61.9	62.6	64.3	64.6	64.6	64.6	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	61.2	62.9	63.6	64.3	66.0	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 9000	62.2	63.9	64.6	65.3	67.0	67.3	67.3	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	63.6	65.3	66.0	66.7	68.4	68.7	68.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	66.0	67.7	68.4	69.0	71.1	71.4	71.4	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	66.3	68.0	68.7	69.4	71.4	71.8	71.8	71.8	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 5000	67.0	68.7	69.7	70.4	72.4	72.8	72.8	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	67.7	69.4	70.4	71.1	73.1	73.5	73.5	73.5	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 4000	68.4	70.1	71.1	71.8	73.8	74.1	74.1	74.1	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 3500	69.0	70.7	71.8	72.4	74.8	75.2	75.2	75.2	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	70.1	72.1	73.1	73.8	76.2	76.9	76.9	76.9	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	71.4	73.8	74.8	75.5	77.9	78.6	78.6	78.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 2000	72.8	75.2	76.2	76.9	79.3	79.9	79.9	79.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 1800	73.5	75.9	76.9	77.6	79.9	80.6	80.6	80.6	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 1500	74.8	77.2	78.6	79.3	82.0	83.0	83.3	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1200	77.2	80.3	81.6	82.3	85.0	86.1	86.4	86.4	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 1000	77.2	80.3	81.6	83.0	85.7	86.7	87.1	87.1	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 900	77.9	81.0	82.7	84.0	86.7	88.1	88.4	88.4	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	78.2	81.3	83.0	84.7	87.8	89.1	89.5	89.5	90.8	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 700	78.9	82.3	84.0	85.7	88.8	90.5	90.8	90.8	92.2	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 600	79.3	83.0	84.7	86.7	90.5	92.2	92.5	92.5	93.9	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 500	79.3	83.3	85.0	87.4	91.2	92.9	93.2	93.2	94.9	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	79.3	83.3	85.0	87.8	91.5	93.2	93.5	93.9	95.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9
GE 300	79.6	83.7	85.4	88.1	91.8	93.5	93.9	94.2	95.9	97.6	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	79.6	83.7	85.4	88.1	91.8	93.5	94.2	94.6	96.3	98.0	99.0	99.3	99.3	99.3	99.7	99.7
GE 100	79.6	83.7	85.4	88.1	91.8	93.5	94.2	94.6	96.3	98.0	99.0	99.3	99.3	99.3	100.0	100.0
GE 000	79.6	83.7	85.4	88.1	91.8	93.5	94.2	94.6	96.3	98.0	99.0	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 294

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	53.9	54.5	55.0	55.3	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 20000	57.7	59.4	60.2	60.9	61.3	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 18000	58.3	60.0	60.8	61.5	61.9	62.1	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 16000	58.4	60.1	60.9	61.6	62.0	62.2	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	59.8	61.5	62.2	62.9	63.5	63.7	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	60.8	62.5	63.3	63.9	64.5	64.7	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 10000	62.6	64.5	65.4	66.1	66.7	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	62.9	64.9	65.8	66.4	67.0	67.2	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 8000	66.2	68.1	69.0	69.7	70.3	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	67.6	69.5	70.4	71.1	71.7	71.9	72.0	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 6000	68.6	70.5	71.4	72.1	72.7	72.9	73.0	73.1	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	68.9	70.9	71.8	72.4	73.0	73.2	73.4	73.5	73.5	73.5	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	69.6	71.5	72.4	73.1	73.7	73.9	74.0	74.1	74.1	74.1	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	70.2	72.1	73.0	73.7	74.4	74.7	74.8	74.9	74.9	74.9	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	70.9	72.9	73.8	74.5	75.2	75.5	75.6	75.7	75.7	75.7	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	71.9	74.0	74.9	75.7	76.4	76.8	76.9	77.0	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	72.3	74.5	75.4	76.2	77.2	77.6	77.7	77.8	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 2000	73.7	76.0	76.9	77.7	78.7	79.0	79.3	79.5	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9
GE 1800	74.0	76.3	77.2	78.0	79.1	79.5	79.7	79.9	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 1500	75.7	78.3	79.7	81.0	82.4	82.8	83.0	83.3	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 1200	77.9	80.6	82.0	83.2	84.7	85.1	85.4	85.9	86.5	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	79.3	82.0	83.3	84.7	86.2	86.6	86.8	87.4	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	79.7	82.5	84.1	85.5	87.0	87.4	87.6	88.2	88.8	89.0	89.1	89.1	89.1	89.1	89.1	89.1
GE 800	79.8	83.0	84.7	86.3	87.9	88.3	88.5	89.2	89.8	90.1	90.4	90.4	90.4	90.4	90.4	90.4
GE 700	80.3	83.6	85.4	87.3	89.1	89.6	89.8	90.6	91.3	91.8	92.1	92.1	92.1	92.1	92.1	92.1
GE 600	80.4	83.8	86.1	88.5	90.4	91.0	91.4	92.3	93.2	93.8	94.0	94.0	94.1	94.1	94.1	94.1
GE 500	80.6	84.2	86.5	89.1	91.4	92.3	92.6	93.9	95.0	95.7	96.0	96.0	96.1	96.1	96.1	96.1
GE 400	80.7	84.4	86.6	89.3	91.8	92.7	93.2	94.8	95.9	96.7	97.1	97.2	97.3	97.3	97.3	97.3
GE 300	80.7	84.4	86.6	89.3	92.0	93.1	93.5	95.1	96.3	97.4	97.7	97.8	98.1	98.1	98.1	98.1
GE 200	80.7	84.4	86.6	89.3	92.0	93.1	93.5	95.2	96.4	97.6	98.1	98.3	98.8	98.9	99.0	99.2
GE 100	80.7	84.4	86.6	89.3	92.0	93.1	93.5	95.2	96.4	97.6	98.1	98.3	98.9	99.2	99.8	100.0
GE 000	80.7	84.4	86.6	89.3	92.0	93.1	93.5	95.2	96.4	97.6	98.1	98.3	98.9	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.7	53.7	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	51.0	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	61.7	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 16000	61.8	63.0	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	63.2	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 12000	63.8	65.2	65.2	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	65.5	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	66.1	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 8000	68.0	69.5	69.6	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 7000	68.9	70.4	70.7	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	70.3	72.0	72.3	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 5000	70.9	72.6	72.9	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 4500	71.0	72.7	73.0	73.5	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	71.3	73.0	73.4	73.8	73.9	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	71.9	73.7	74.0	74.5	74.7	74.8	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3000	73.8	75.6	76.0	76.4	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	74.7	76.5	76.9	77.3	77.6	77.9	78.1	78.2	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	77.2	79.1	79.5	79.9	80.2	80.6	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 1800	78.3	80.3	80.7	81.2	81.4	81.9	82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
GE 1500	80.3	82.4	82.9	83.7	84.0	84.5	84.7	84.9	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0
GE 1200	81.9	84.6	85.1	85.9	86.4	87.0	87.2	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5
GE 1000	83.1	85.8	86.6	87.5	88.0	88.5	88.8	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	83.4	86.3	87.3	88.2	88.7	89.5	89.8	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5
GE 800	84.1	87.2	88.8	89.8	90.6	91.4	91.8	92.3	92.3	92.3	92.6	92.6	92.6	92.6	92.6	92.6
GE 700	84.2	87.4	89.3	90.4	91.3	92.2	92.6	93.2	93.2	93.2	93.5	93.5	93.5	93.7	93.7	93.7
GE 600	84.4	87.8	89.9	90.9	92.0	93.1	93.9	94.4	94.4	94.6	94.9	94.9	94.9	95.0	95.0	95.0
GE 500	84.4	87.9	90.0	91.0	92.4	93.9	94.8	95.6	95.6	95.9	96.3	96.4	96.4	96.5	96.6	96.6
GE 400	84.4	87.9	90.0	91.0	92.4	93.9	94.8	95.7	95.7	96.3	96.7	96.9	97.1	97.2	97.3	97.3
GE 300	84.4	87.9	90.0	91.0	92.4	94.0	94.9	95.8	96.0	96.7	97.3	97.7	98.0	98.1	98.3	98.3
GE 200	84.4	87.9	90.0	91.0	92.4	94.0	94.9	95.8	96.0	96.7	97.7	98.4	98.8	99.1	99.3	99.5
GE 100	84.4	87.9	90.0	91.0	92.4	94.0	94.9	95.8	96.0	96.7	97.7	98.4	98.8	99.2	99.4	99.7
GE 000	84.4	87.9	90.0	91.0	92.4	94.0	94.9	95.8	96.0	96.7	97.7	98.4	98.8	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	54.3	54.9	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 20000	61.8	62.4	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 18000	62.0	62.6	62.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 16000	62.4	62.9	63.3	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 14000	63.9	64.5	64.9	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 12000	64.9	65.4	65.8	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	67.5	68.0	68.4	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 9000	67.7	68.5	68.8	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 8000	69.7	70.7	71.2	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 7000	70.4	71.4	71.9	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 6000	71.0	72.1	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
GE 5000	71.9	73.0	73.5	73.9	73.9	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 4500	72.2	73.4	73.8	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
GE 4000	72.9	74.0	74.5	75.1	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	73.2	74.4	74.8	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3000	75.1	76.3	76.8	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2500	76.9	78.1	78.7	79.4	79.6	79.7	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 2000	78.8	80.3	81.0	81.9	82.1	82.2	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1800	80.5	82.0	82.7	83.6	83.9	84.0	84.2	84.2	84.4	84.4	84.5	84.5	84.6	84.6	84.6	84.6
GE 1500	82.0	83.6	84.4	85.7	86.3	86.4	86.6	86.7	86.8	86.8	87.0	87.0	87.1	87.1	87.1	87.1
GE 1200	83.8	85.8	87.0	88.3	89.2	89.3	89.7	89.8	89.9	89.9	90.0	90.0	90.2	90.2	90.2	90.2
GE 1000	84.5	86.6	88.1	89.5	90.5	90.6	90.9	91.0	91.2	91.2	91.3	91.3	91.5	91.5	91.5	91.5
GE 900	84.9	87.1	88.5	89.9	91.0	91.4	91.7	91.8	92.1	92.2	92.3	92.3	92.5	92.5	92.5	92.5
GE 800	85.0	87.2	88.8	90.1	91.6	92.2	92.7	93.0	93.2	93.4	93.7	93.7	94.1	94.1	94.1	94.1
GE 700	85.0	87.2	88.8	90.4	91.8	92.4	93.0	93.3	93.7	94.2	94.4	94.4	94.9	95.0	95.0	95.0
GE 600	85.0	87.2	88.8	90.7	92.2	93.0	93.7	94.0	94.4	95.0	95.2	95.2	95.8	95.9	95.9	95.9
GE 500	85.0	87.3	89.0	91.2	93.0	93.9	94.6	94.9	95.6	96.3	96.5	96.5	97.1	97.2	97.2	97.2
GE 400	85.0	87.3	89.0	91.3	93.1	94.0	94.7	95.0	95.9	96.7	96.9	97.1	97.6	97.7	97.7	97.7
GE 300	85.0	87.3	89.0	91.3	93.1	94.0	94.7	95.1	96.1	97.3	97.5	97.6	98.3	98.5	98.5	98.6
GE 200	85.0	87.3	89.0	91.3	93.1	94.0	94.7	95.1	96.1	97.3	97.6	97.8	98.5	99.1	99.1	99.5
GE 100	85.0	87.3	89.0	91.3	93.1	94.0	94.7	95.1	96.1	97.3	97.8	98.1	98.8	99.4	99.5	100.0
GE 000	85.0	87.3	89.0	91.3	93.1	94.0	94.7	95.1	96.1	97.3	97.8	98.1	98.8	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	58.5	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 20000	65.2	65.5	65.5	65.8	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 18000	65.2	65.5	65.5	65.8	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	65.2	65.5	65.5	65.8	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	65.6	66.0	66.2	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	66.4	66.8	67.0	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	68.8	69.2	69.4	69.7	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	68.8	69.2	69.4	69.7	69.8	69.8	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	69.8	70.2	70.4	70.7	70.9	70.9	70.9	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	70.4	70.7	71.2	71.7	71.8	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	70.7	71.2	71.7	72.1	72.3	72.3	72.3	72.4	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	71.5	72.1	72.8	73.2	73.6	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	72.0	72.6	73.2	73.7	74.0	74.0	74.0	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 4000	73.2	73.8	74.5	75.1	75.4	75.4	75.4	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 3500	74.5	75.1	75.7	76.3	76.6	76.6	76.6	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 3000	75.7	76.4	77.1	77.7	78.0	78.0	78.0	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	77.1	77.8	78.5	79.0	79.4	79.4	79.4	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	79.8	80.7	81.7	82.4	83.0	83.0	83.0	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1800	81.1	82.1	83.1	83.8	84.4	84.4	84.4	84.5	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1500	83.2	84.2	85.4	86.2	86.8	87.1	87.1	87.2	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1200	84.6	85.8	87.1	87.9	88.8	89.1	89.1	89.3	89.5	89.9	89.9	89.9	90.1	90.1	90.1	90.1
GE 1000	85.4	86.8	88.1	89.0	89.9	90.2	90.4	90.6	90.7	91.2	91.2	91.2	91.4	91.4	91.4	91.4
GE 900	85.6	87.3	88.5	89.5	90.6	90.9	91.0	91.3	91.5	92.1	92.1	92.1	92.3	92.3	92.3	92.3
GE 800	85.6	87.3	88.5	89.6	90.9	91.4	91.5	91.7	92.0	92.5	92.5	92.5	92.9	92.9	92.9	92.9
GE 700	86.1	87.8	89.0	90.0	91.5	92.0	92.4	92.6	92.9	93.4	93.4	93.4	93.8	93.8	93.8	93.8
GE 600	86.1	87.9	89.3	90.4	91.8	92.5	93.0	93.7	93.9	94.4	94.6	94.6	94.9	94.9	94.9	94.9
GE 500	86.1	88.0	89.7	90.7	92.2	93.0	93.4	94.6	94.9	95.5	95.7	95.7	96.0	96.0	96.0	96.0
GE 400	86.1	88.0	89.8	90.8	92.4	93.2	93.7	94.8	95.5	96.3	96.6	96.6	97.2	97.2	97.2	97.2
GE 300	86.1	88.0	89.9	90.9	92.6	93.5	94.1	95.4	96.0	97.4	97.8	98.0	98.5	98.5	98.5	98.5
GE 200	86.1	88.0	89.9	90.9	92.6	93.5	94.1	95.4	96.1	98.0	98.5	98.6	99.3	99.3	99.7	99.7
GE 100	86.1	88.0	89.9	90.9	92.6	93.5	94.1	95.5	96.3	98.1	98.8	98.9	99.7	99.7	100.0	100.0
GE 000	86.1	88.0	89.9	90.9	92.6	93.5	94.1	95.5	96.3	98.1	98.8	98.9	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 882

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	61.6	61.6	61.9	62.2	62.2	62.2	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	65.6	65.6	66.0	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 18000	65.6	65.6	66.0	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 16000	65.6	65.6	66.0	66.3	66.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 14000	65.6	65.6	66.0	66.7	66.7	66.7	66.7	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	66.7	66.7	67.0	67.7	67.7	67.7	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 10000	69.7	70.1	70.4	71.1	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	69.7	70.1	70.4	71.1	71.1	71.1	71.1	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 8000	71.1	71.4	71.8	72.4	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 7000	71.4	71.8	72.4	73.1	73.1	73.1	73.1	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 6000	71.8	72.1	72.8	73.5	73.5	73.5	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 5000	72.4	72.8	73.8	74.5	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 4500	72.8	73.1	74.1	74.8	74.8	74.8	74.8	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4000	73.8	74.1	75.2	75.9	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 3500	76.5	76.9	77.9	78.6	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 3000	77.2	77.6	78.6	79.3	79.3	79.3	79.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500	77.9	78.2	79.3	79.9	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 2000	79.6	80.6	81.6	82.7	83.3	83.3	83.3	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1800	80.6	81.6	82.7	83.7	84.4	84.4	84.4	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	82.7	83.7	84.7	85.7	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 1200	83.7	84.7	85.7	86.7	87.8	87.8	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	84.0	85.0	86.1	87.4	88.8	88.8	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	84.4	85.4	86.7	88.1	89.5	89.5	90.1	90.5	90.5	90.5	90.5	90.5	90.8	90.8	90.8	90.8
GE 800	84.4	85.7	87.1	88.4	90.1	90.1	90.8	91.2	91.2	91.2	91.2	91.2	91.5	91.5	91.5	91.5
GE 700	85.0	86.7	88.1	89.5	92.2	92.2	92.9	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5
GE 600	85.0	86.7	88.1	89.5	92.5	92.9	93.5	93.9	94.2	94.2	94.2	94.2	94.6	94.6	94.6	94.6
GE 500	85.0	87.1	88.8	90.1	93.2	93.9	94.9	95.2	95.6	95.6	95.9	95.9	96.3	96.3	96.3	96.3
GE 400	85.0	87.1	88.8	90.1	93.2	93.9	94.9	95.6	95.9	96.3	96.9	96.9	97.3	97.3	97.3	97.3
GE 300	85.0	87.1	88.8	90.5	93.5	94.2	95.2	96.3	96.9	97.3	98.0	98.0	98.3	98.3	98.3	98.3
GE 200	85.0	87.1	88.8	90.5	93.5	94.2	95.2	96.3	96.9	97.3	98.0	98.0	98.3	98.3	98.3	99.0
GE 100	85.0	87.1	88.8	90.5	93.5	94.2	95.6	96.6	97.6	98.0	98.6	98.6	99.3	99.3	99.3	100.0
GE 000	85.0	87.1	88.8	90.5	93.5	94.2	95.6	96.6	97.6	98.0	98.6	98.6	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 294

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE-FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	54.8	55.6	55.9	56.2	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 20000	61.3	62.2	62.6	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	61.7	62.6	62.9	63.3	63.5	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	61.8	62.7	63.0	63.5	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	62.9	63.8	64.2	64.7	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	63.8	64.8	65.2	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	66.0	67.1	67.4	67.9	68.2	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 9000	66.3	67.4	67.8	68.3	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 8000	68.3	69.5	69.9	70.4	70.7	70.7	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 7000	69.2	70.4	71.0	71.5	71.8	71.9	71.9	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	70.0	71.3	71.8	72.4	72.7	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 5000	70.7	71.9	72.6	73.1	73.5	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4500	71.1	72.4	73.0	73.5	73.9	74.0	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	71.8	73.1	73.7	74.3	74.7	74.9	74.9	75.0	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3500	72.6	74.0	74.6	75.2	75.7	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3000	74.1	75.5	76.1	76.7	77.2	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2500	75.2	76.6	77.3	77.9	78.5	78.7	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	77.2	78.9	79.6	80.4	81.0	81.3	81.4	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1800	78.3	80.0	80.8	81.5	82.2	82.4	82.6	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 1500	80.1	81.9	82.9	83.9	84.8	85.1	85.3	85.5	85.7	85.8	85.8	85.8	85.9	85.9	85.9	85.9
GE 1200	81.8	84.0	85.1	86.1	87.1	87.5	87.8	88.0	88.3	88.4	88.5	88.5	88.6	88.6	88.6	88.6
GE 1000	82.7	84.9	86.2	87.3	88.4	88.8	89.1	89.4	89.7	89.8	89.9	89.9	90.0	90.0	90.0	90.0
GE 900	83.1	85.4	86.8	87.9	89.1	89.7	89.9	90.3	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0
GE 800	83.3	85.8	87.3	88.6	90.1	90.6	91.0	91.4	91.7	92.0	92.2	92.2	92.3	92.3	92.3	92.3
GE 700	83.6	86.2	87.8	89.2	90.9	91.5	91.9	92.4	92.7	93.1	93.3	93.3	93.5	93.6	93.6	93.6
GE 600	83.7	86.4	88.2	89.8	91.6	92.4	93.0	93.5	94.0	94.4	94.6	94.6	94.9	94.9	94.9	94.9
GE 500	83.7	86.6	88.5	90.3	92.2	93.3	93.9	94.7	95.3	95.8	96.1	96.1	96.3	96.4	96.4	96.4
GE 400	83.8	86.6	88.6	90.4	92.4	93.5	94.1	95.0	95.7	96.5	96.8	96.9	97.3	97.3	97.3	97.3
GE 300	83.8	86.7	88.6	90.5	92.5	93.7	94.3	95.3	96.2	97.2	97.7	97.8	98.2	98.3	98.3	98.4
GE 200	83.8	86.7	88.6	90.5	92.5	93.7	94.4	95.4	96.2	97.4	98.1	98.3	98.8	99.1	99.2	99.5
GE 100	83.8	86.7	88.6	90.5	92.5	93.7	94.4	95.4	96.3	97.5	98.2	98.5	99.1	99.4	99.7	99.9
GE 000	83.8	86.7	88.6	90.5	92.5	93.7	94.4	95.4	96.3	97.5	98.2	98.5	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4116

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE-NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	39.2	41.4	43.6	44.7	46.5	46.5	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	47.3	47.3
GE 20000	42.5	44.7	46.9	48.0	49.8	49.8	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.9	50.9
GE 18000	42.9	45.1	47.3	48.4	50.2	50.2	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	51.3	51.3
GE 16000	44.0	46.2	48.4	49.5	51.3	51.3	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.4	52.4
GE 14000	45.1	47.6	49.8	50.9	52.7	52.7	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.8	53.8
GE 12000	47.3	49.8	52.0	53.1	54.9	54.9	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0
GE 10000	49.1	51.6	53.8	54.9	56.8	56.8	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.9	57.9
GE 9000	49.5	52.0	54.2	55.3	57.1	57.1	57.5	57.9	57.9	57.9	57.9	57.9	57.9	57.9	58.2	58.2
GE 8000	52.4	54.9	57.5	58.6	60.4	60.4	60.8	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.5	61.5
GE 7000	55.3	57.9	60.4	61.9	63.7	63.7	64.1	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.8	64.8
GE 6000	55.7	58.2	60.8	62.3	64.1	64.1	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.2	65.2
GE 5000	56.0	58.6	61.2	62.6	64.8	64.8	65.6	66.3	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 4500	57.9	60.4	63.0	64.5	66.7	66.7	67.4	68.1	68.5	68.9	68.9	68.9	68.9	68.9	69.2	69.2
GE 4000	58.2	60.8	63.4	64.8	67.0	67.0	67.8	68.5	68.9	69.6	69.6	69.6	69.6	69.6	70.0	70.0
GE 3500	58.6	61.2	63.7	65.2	67.4	67.4	68.1	68.9	69.2	70.0	70.0	70.0	70.0	70.0	70.3	70.3
GE 3000	58.6	61.5	64.1	65.9	68.5	68.5	69.2	70.0	70.3	71.1	71.1	71.1	71.1	71.1	71.4	71.4
GE 2500	59.0	62.3	65.2	67.0	69.6	69.6	70.3	71.1	71.4	72.2	72.2	72.2	72.2	72.2	72.5	72.5
GE 2000	59.7	63.0	65.9	67.8	70.7	71.1	71.8	72.5	72.9	73.6	73.6	73.6	73.6	73.6	74.0	74.0
GE 1800	61.2	64.5	67.4	69.2	72.2	72.5	73.3	74.0	74.4	75.1	75.1	75.1	75.1	75.1	75.5	75.5
GE 1500	63.4	66.7	70.0	71.8	74.7	75.1	75.8	76.6	76.9	77.7	77.7	77.7	77.7	77.7	78.0	78.0
GE 1200	63.4	67.0	70.3	72.2	75.5	75.8	76.6	77.3	77.7	78.4	78.4	78.4	78.4	78.4	78.8	78.8
GE 1000	63.4	67.0	70.3	72.5	76.6	76.9	77.7	78.8	79.1	79.9	79.9	79.9	79.9	79.9	80.2	80.2
GE 900	63.4	67.0	70.7	73.6	77.7	78.0	78.8	79.9	80.6	81.3	81.3	81.3	81.3	81.3	81.7	81.7
GE 800	63.7	68.1	71.8	74.7	78.8	79.5	80.6	81.7	82.4	83.5	83.9	83.9	83.9	83.9	84.2	84.2
GE 700	64.1	68.9	72.5	75.8	79.9	80.6	81.7	82.8	83.5	84.6	85.0	85.0	85.0	85.0	85.3	85.3
GE 600	64.1	68.9	72.5	75.8	80.6	81.3	82.4	85.0	85.7	86.8	87.2	87.2	87.2	87.2	87.5	87.5
GE 500	64.1	68.9	72.5	75.8	82.1	83.2	85.0	87.9	89.0	90.1	90.5	90.5	90.5	90.5	90.8	90.8
GE 400	64.1	69.2	72.9	76.6	83.2	84.2	86.1	89.4	90.5	91.6	91.9	91.9	91.9	91.9	92.7	93.0
GE 300	64.1	69.2	72.9	76.6	83.5	84.6	86.4	90.1	91.2	92.3	94.1	94.1	94.5	94.5	95.2	96.3
GE 200	64.1	69.2	72.9	76.6	83.5	84.6	86.4	90.1	91.6	92.7	94.5	94.9	95.6	95.6	96.3	98.2
GE 100	64.1	69.2	72.9	76.6	83.5	84.6	86.4	90.1	91.6	92.7	94.5	95.2	96.0	96.3	97.1	99.6
GE 000	64.1	69.2	72.9	76.6	83.5	84.6	86.4	90.1	91.6	92.7	94.5	95.2	96.0	96.3	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.1	44.9	45.9	46.4	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3
GE 20000	47.0	49.9	50.9	51.4	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.3	52.3
GE 18000	47.3	50.2	51.2	51.6	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5
GE 16000	47.9	50.8	51.8	52.3	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.1	53.1
GE 14000	49.8	52.7	53.7	54.2	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	55.1	55.1
GE 12000	51.8	54.7	55.7	56.2	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3
GE 10000	53.7	56.7	57.6	58.1	58.9	58.9	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 9000	54.2	57.1	58.1	58.6	59.3	59.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.7	59.7
GE 8000	56.7	59.6	60.7	61.2	61.9	61.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.3	62.3
GE 7000	57.9	60.9	62.4	62.9	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
GE 6000	59.1	62.1	63.6	64.1	64.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3
GE 5000	60.1	63.1	64.6	65.1	65.9	65.9	66.4	66.5	66.5	66.7	66.7	66.7	66.7	66.7	66.8	66.8
GE 4500	60.8	63.9	65.3	65.9	66.9	67.2	67.6	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.1	68.1
GE 4000	61.2	64.2	65.7	66.3	67.3	67.5	68.0	68.4	68.5	68.6	68.6	68.6	68.6	68.6	68.7	68.7
GE 3500	61.4	64.5	66.5	67.3	68.3	68.6	69.1	69.5	69.6	69.7	69.8	69.8	69.8	69.8	70.0	70.0
GE 3000	62.4	65.4	67.5	68.4	69.4	69.7	70.2	70.6	70.8	70.9	71.1	71.1	71.1	71.1	71.2	71.2
GE 2500	63.0	66.2	68.4	69.5	70.6	71.3	71.8	72.2	72.4	72.5	72.6	72.6	72.6	72.6	72.8	72.8
GE 2000	65.0	68.1	70.5	71.8	73.0	73.7	74.4	74.7	75.0	75.1	75.2	75.2	75.2	75.2	75.3	75.3
GE 1800	65.2	68.4	70.8	72.2	73.4	74.2	74.8	75.2	75.5	75.6	75.7	75.7	75.7	75.7	75.8	75.8
GE 1500	67.0	70.3	73.0	74.4	75.6	76.4	77.0	77.4	77.8	78.1	78.3	78.3	78.3	78.3	78.4	78.4
GE 1200	68.0	71.6	74.6	76.1	77.3	78.6	79.5	80.1	80.6	81.0	81.2	81.2	81.2	81.2	81.3	81.3
GE 1000	68.6	72.4	75.6	77.0	78.6	80.3	81.3	81.9	82.4	82.8	83.2	83.2	83.2	83.2	83.3	83.3
GE 900	68.6	72.8	76.1	77.7	79.2	81.1	82.2	82.8	83.3	83.6	84.0	84.0	84.0	84.0	84.1	84.1
GE 800	69.0	73.1	76.8	78.8	80.8	82.8	84.0	85.1	85.7	86.1	86.4	86.4	86.4	86.4	86.6	86.6
GE 700	69.4	73.6	77.3	79.5	81.8	83.9	85.6	86.8	87.5	87.9	88.3	88.3	88.3	88.3	88.4	88.4
GE 600	69.4	73.7	77.4	79.9	82.4	84.6	86.7	88.4	89.1	89.5	90.0	90.1	90.1	90.1	90.2	90.2
GE 500	69.5	74.0	77.8	80.2	82.9	85.1	87.7	89.5	90.4	90.8	91.5	91.7	91.9	91.9	92.1	92.1
GE 400	69.5	74.0	77.9	80.5	83.6	86.3	89.0	91.0	92.1	92.7	93.4	93.8	94.1	94.1	94.4	94.6
GE 300	69.5	74.0	77.9	80.8	84.0	86.7	89.4	91.3	92.8	93.8	94.9	95.2	95.7	95.7	96.3	97.1
GE 200	69.5	74.0	77.9	80.8	84.0	86.7	89.4	91.3	92.8	94.0	95.5	96.1	96.7	96.7	97.3	98.2
GE 100	69.5	74.0	77.9	80.8	84.0	86.7	89.4	91.3	92.8	94.0	95.5	96.1	96.8	97.3	98.3	99.8
GE 000	69.5	74.0	77.9	80.8	84.0	86.7	89.4	91.3	92.8	94.0	95.5	96.1	96.8	97.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 819

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM MONTHLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	44.3	45.7	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 20000	52.3	53.8	54.2	54.3	54.3	43	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 18000	52.4	53.9	54.3	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 16000	52.8	54.3	54.6	54.8	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	54.4	55.9	56.2	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 12000	55.7	57.2	57.6	57.7	57.7	57.7	57.7	57.7	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	59.0	60.5	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 9000	59.5	61.0	61.5	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	61.6	63.1	63.6	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 7000	63.6	65.0	65.8	66.0	66.0	66.1	66.1	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	64.4	65.9	66.6	67.0	67.0	67.1	67.1	67.4	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	65.9	67.6	68.5	68.8	68.8	68.9	68.9	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4500	66.3	68.1	69.2	69.6	69.9	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	66.7	68.6	69.9	70.3	70.7	71.0	71.0	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	67.6	69.6	71.0	71.4	71.8	72.1	72.1	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	69.3	71.4	73.0	73.3	73.7	74.1	74.2	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 2500	70.7	72.9	74.7	75.4	75.8	76.2	76.3	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2000	72.4	74.7	76.7	77.4	77.8	78.1	78.2	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 1800	72.5	74.8	76.9	77.6	78.0	78.4	78.5	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1500	76.0	78.4	80.6	81.5	81.9	82.4	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1200	77.1	80.2	82.5	83.6	84.5	85.0	85.2	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 1000	77.6	81.1	83.7	85.0	86.1	86.6	86.8	87.4	87.5	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 900	77.8	81.2	84.0	85.2	86.3	86.8	87.0	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 800	77.8	81.3	84.1	85.5	86.8	87.3	87.7	88.4	88.6	89.0	89.0	89.1	89.1	89.1	89.1	89.1
GE 700	77.9	81.4	84.2	85.8	87.7	88.5	88.9	89.9	90.1	90.6	90.7	90.8	90.8	90.8	90.8	90.8
GE 600	77.9	81.4	84.2	85.9	88.3	89.5	89.9	90.8	91.1	91.9	92.1	92.4	92.4	92.4	92.5	92.5
GE 500	78.1	81.8	84.7	86.6	88.9	90.5	91.3	92.3	92.5	93.5	93.8	94.1	94.1	94.3	94.4	94.4
GE 400	78.1	81.8	84.7	86.6	89.4	91.1	92.1	93.3	93.8	95.0	95.2	95.7	95.7	95.8	96.0	96.0
GE 300	78.1	81.8	84.7	86.7	89.5	91.3	92.3	93.6	94.3	96.0	96.6	97.1	97.1	97.3	97.6	97.8
GE 200	78.1	81.8	84.7	86.7	89.5	91.3	92.3	93.6	94.4	96.3	97.2	97.7	97.7	97.9	98.3	99.3
GE 100	78.1	81.8	84.7	86.7	89.5	91.3	92.3	93.6	94.4	96.3	97.2	97.7	97.7	97.9	98.4	100.0
GE 000	78.1	81.8	84.7	86.7	89.5	91.3	92.3	93.6	94.4	96.3	97.2	97.7	97.9	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	45.0	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 20000	53.6	54.5	54.9	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 18000	53.7	54.7	55.0	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 16000	54.3	55.3	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	55.3	56.4	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	56.6	57.7	58.1	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 10000	58.5	59.8	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 9000	58.9	60.3	60.7	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 8000	61.9	63.4	63.7	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 7000	63.2	64.8	65.2	65.7	65.7	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	65.2	66.8	67.2	67.6	67.6	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 5000	66.9	68.5	68.9	69.5	69.5	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4500	67.2	68.8	69.2	69.9	69.9	70.0	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	69.0	70.6	71.2	71.8	71.8	71.9	72.1	72.1	72.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	70.1	71.7	72.3	72.9	72.9	73.0	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3000	72.1	73.9	74.5	75.1	75.2	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 2500	73.5	75.9	76.5	77.1	77.3	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 2000	75.4	78.1	78.7	79.3	79.8	80.0	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	75.9	78.6	79.2	79.9	80.4	80.6	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	77.1	79.9	80.5	81.7	82.4	82.7	83.2	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 1200	77.8	81.1	81.9	83.5	84.3	84.8	85.3	85.5	85.5	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1000	77.9	81.4	82.4	84.1	85.0	85.8	86.6	87.1	87.4	87.7	88.0	88.0	88.1	88.1	88.1	88.1
GE 900	78.1	81.5	82.6	84.3	85.3	86.0	86.9	87.5	87.9	88.4	88.6	88.6	88.7	88.7	88.7	88.7
GE 800	78.1	81.6	82.7	84.4	85.8	86.8	87.7	88.5	89.1	89.7	90.1	90.1	90.2	90.2	90.2	90.2
GE 700	78.2	81.7	82.8	84.7	86.0	87.0	88.0	89.0	89.6	90.4	90.8	90.9	91.1	91.1	91.1	91.1
GE 600	78.3	81.9	83.0	84.8	86.8	87.9	89.0	90.3	90.9	92.2	92.6	92.9	93.0	93.0	93.0	93.0
GE 500	78.4	82.0	83.2	85.2	87.1	88.2	89.5	91.1	91.9	93.4	94.0	94.4	94.6	94.7	94.7	95.0
GE 400	78.4	82.0	83.2	85.2	87.4	88.7	90.4	92.9	93.9	95.3	96.3	96.7	97.3	97.5	97.5	97.8
GE 300	78.4	82.0	83.2	85.2	87.4	88.7	90.6	93.0	94.1	96.1	97.2	97.7	98.3	98.7	98.8	99.0
GE 200	78.4	82.0	83.2	85.2	87.4	88.7	90.6	93.1	94.2	96.2	97.5	98.2	98.9	99.3	99.4	99.9
GE 100	78.4	82.0	83.2	85.2	87.4	88.7	90.6	93.1	94.2	96.2	97.5	98.2	99.0	99.4	99.5	100.0
GE 000	78.4	82.0	83.2	85.2	87.4	88.7	90.6	93.1	94.2	96.2	97.5	98.2	99.0	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 816

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	51.3	52.3	52.8	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 20000	56.9	58.4	59.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	56.9	58.4	59.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 16000	56.9	58.4	59.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 14000	57.8	59.3	60.2	61.3	61.3	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 12000	58.9	60.4	61.3	62.5	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	60.7	62.3	63.4	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 9000	61.2	62.8	63.9	65.0	65.0	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	63.2	64.9	66.0	67.1	67.1	67.2	67.2	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	64.0	65.9	67.0	68.1	68.1	68.2	68.2	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 6000	65.2	67.0	68.1	69.2	69.2	69.3	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	66.4	68.2	69.4	70.6	70.6	70.7	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	66.6	68.5	69.7	70.8	71.0	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	68.1	70.2	71.4	72.5	73.0	73.1	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	69.1	71.3	72.5	73.6	74.1	74.2	74.2	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	70.9	73.4	74.6	75.7	76.3	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 2500	72.8	75.3	76.8	78.0	78.7	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	73.9	76.6	78.0	79.4	80.5	80.6	80.6	80.6	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 1800	74.5	77.3	78.8	80.1	81.3	81.5	81.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 1500	75.8	78.7	80.1	81.8	84.0	84.5	84.5	84.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	76.3	79.4	80.9	82.7	85.2	85.9	85.9	86.0	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 1000	76.7	79.9	81.6	83.4	86.0	86.7	86.7	87.1	87.7	87.9	88.1	88.1	88.1	88.1	88.1	88.1
GE 900	76.8	80.0	81.7	83.6	86.3	87.0	87.1	87.6	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	76.8	80.0	82.0	83.9	86.6	87.4	87.5	88.2	89.0	89.3	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	76.8	80.1	82.1	84.0	86.7	87.7	88.0	89.0	89.8	90.4	91.0	91.0	91.2	91.2	91.2	91.2
GE 600	77.3	80.7	82.7	84.8	87.5	88.8	89.2	90.6	91.4	92.4	93.1	93.3	93.4	93.4	93.4	93.4
GE 500	77.3	80.7	83.2	85.4	88.2	89.6	89.9	91.4	92.6	93.9	94.7	94.8	95.0	95.0	95.0	95.1
GE 400	77.3	80.7	83.6	85.9	88.8	90.4	90.8	92.6	93.9	96.0	96.8	96.9	97.2	97.2	97.4	97.5
GE 300	77.3	80.7	83.6	85.9	88.8	90.4	90.9	93.0	94.4	96.4	97.5	97.9	98.2	98.2	98.4	98.5
GE 200	77.3	80.7	83.6	85.9	89.0	90.7	91.2	93.5	94.8	96.9	98.3	98.7	98.9	98.9	99.1	99.3
GE 100	77.3	80.7	83.6	85.9	89.0	90.7	91.2	93.5	94.8	97.2	98.5	98.9	99.1	99.3	99.6	99.8
GE 000	77.3	80.7	83.6	85.9	89.0	90.7	91.2	93.5	94.8	97.2	98.5	98.9	99.1	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	52.0	52.8	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 20000	56.8	58.3	59.4	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	56.8	58.3	59.4	60.9	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 16000	57.2	58.7	59.8	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	57.6	59.0	60.1	61.6	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 12000	59.0	60.5	61.6	63.1	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 10000	61.3	62.7	63.8	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 9000	62.0	63.5	64.6	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 8000	63.5	64.9	66.1	67.5	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 7000	64.6	66.1	67.2	68.6	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 6000	64.9	66.4	67.5	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	66.8	68.3	69.4	70.8	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 4500	67.2	68.6	69.7	71.2	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 4000	69.4	70.8	72.0	73.4	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	70.1	72.0	73.1	74.5	74.9	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	72.7	74.5	75.6	77.1	77.5	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 2500	74.9	77.1	78.2	79.7	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2000	75.6	77.9	79.0	80.4	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1800	76.0	78.2	79.3	81.2	82.3	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1500	76.8	79.0	80.1	83.0	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	77.9	80.1	81.2	84.5	86.0	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1000	79.0	81.2	82.3	85.6	87.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 900	79.0	81.2	82.3	85.6	87.1	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 800	79.0	81.5	82.7	86.0	87.5	87.8	88.6	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.3
GE 700	79.7	82.3	83.4	86.7	88.6	89.3	90.0	90.8	90.8	90.8	91.1	91.1	91.1	91.1	91.1	91.1
GE 600	80.1	83.0	84.1	87.8	89.7	90.8	91.9	92.6	92.6	92.6	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	80.1	83.0	84.1	88.2	90.0	91.1	92.3	93.0	93.0	93.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 400	80.1	83.0	84.1	88.9	91.1	92.3	93.4	94.8	94.8	95.2	96.3	96.3	96.7	96.7	96.7	96.7
GE 300	80.1	83.0	84.1	88.9	91.1	93.4	94.5	95.9	95.9	96.3	97.4	97.8	98.2	98.2	98.2	98.5
GE 200	80.1	83.0	84.1	88.9	91.1	93.4	94.5	95.9	95.9	96.3	97.8	98.5	98.9	98.9	98.9	99.3
GE 100	80.1	83.0	84.1	88.9	91.1	93.4	94.5	95.9	95.9	96.3	97.8	98.5	98.9	98.9	98.9	99.3
GE 000	80.1	83.0	84.1	88.9	91.1	93.4	94.5	95.9	95.9	96.3	97.8	98.5	98.9	98.9	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 271

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.6	47.1	47.8	48.2	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	52.0	53.8	54.6	55.2	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	52.2	53.9	54.7	55.4	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 16000	52.6	54.4	55.2	55.8	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3	56.3
GE 14000	53.9	55.7	56.5	57.1	57.4	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 12000	55.4	57.2	58.0	58.6	58.9	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2
GE 10000	57.6	59.4	60.3	60.9	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.5	61.5
GE 9000	58.1	59.9	60.8	61.5	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 8000	60.4	62.3	63.2	63.9	64.2	64.2	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.5	64.5
GE 7000	61.9	63.9	64.9	65.6	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.3	66.3
GE 6000	63.0	65.0	66.1	66.8	67.1	67.2	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.5	67.5
GE 5000	64.3	66.4	67.5	68.2	68.6	68.7	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
GE 4500	64.8	66.9	68.1	68.9	69.4	69.5	69.7	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 4000	65.9	68.0	69.3	70.1	70.6	70.8	71.0	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.5	71.5
GE 3500	66.7	68.9	70.3	71.1	71.7	71.9	72.1	72.3	72.4	72.5	72.5	72.5	72.5	72.5	72.6	72.6
GE 3000	68.2	70.6	72.0	72.9	73.6	73.8	74.0	74.2	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6
GE 2500	69.5	72.1	73.7	74.8	75.5	75.8	76.0	76.3	76.4	76.5	76.5	76.5	76.5	76.5	76.6	76.6
GE 2000	71.1	73.8	75.4	76.5	77.5	77.9	78.1	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.8	78.8
GE 1800	71.5	74.3	76.0	77.1	78.1	78.5	78.8	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1500	73.4	76.2	78.0	79.5	80.8	81.3	81.6	82.0	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4
GE 1200	74.2	77.4	79.4	81.0	82.5	83.2	83.6	84.0	84.3	84.5	84.5	84.5	84.5	84.5	84.6	84.6
GE 1000	74.6	78.0	80.2	81.9	83.6	84.5	85.0	85.5	85.9	86.2	86.4	86.4	86.4	86.4	86.4	86.4
GE 900	74.7	78.2	80.4	82.2	84.0	84.9	85.4	86.0	86.4	86.8	86.9	86.9	87.0	87.0	87.0	87.0
GE 800	74.8	78.4	80.8	82.7	84.7	85.7	86.4	87.3	87.7	88.2	88.5	88.5	88.5	88.5	88.6	88.6
GE 700	75.0	78.7	81.1	83.2	85.4	86.5	87.4	88.4	89.0	89.5	89.9	90.0	90.0	90.0	90.1	90.1
GE 600	75.2	78.9	81.3	83.6	86.1	87.5	88.5	89.8	90.4	91.2	91.7	91.9	92.0	92.0	92.1	92.1
GE 500	75.3	79.1	81.7	84.0	86.7	88.2	89.5	91.0	91.7	92.7	93.3	93.6	93.7	93.8	93.8	93.9
GE 400	75.3	79.1	81.8	84.3	87.3	89.0	90.5	92.4	93.3	94.5	95.3	95.5	95.8	95.9	96.1	96.2
GE 300	75.3	79.1	81.8	84.4	87.4	89.2	90.7	92.8	93.8	95.4	96.4	96.8	97.2	97.3	97.6	98.0
GE 200	75.3	79.1	81.8	84.4	87.4	89.3	90.8	92.9	94.0	95.7	97.0	97.5	98.0	98.1	98.5	99.1
GE 100	75.3	79.1	81.8	84.4	87.4	89.3	90.8	92.9	94.0	95.7	97.0	97.6	98.1	98.5	98.9	99.8
GE 000	75.3	79.1	81.8	84.4	87.4	89.3	90.8	92.9	94.0	95.7	97.0	97.6	98.1	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	39.0	40.6	43.5	44.8	45.8	45.8	46.5	46.5	46.8	46.8	46.8	46.8	46.8	46.8	46.8	47.1
GE 20000	44.2	45.8	49.4	50.6	51.6	51.6	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
GE 18000	44.2	45.8	49.4	50.6	51.6	51.6	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
GE 16000	44.2	45.8	49.4	50.6	51.6	51.6	52.3	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.9
GE 14000	45.5	47.1	50.6	51.9	52.9	52.9	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.5
GE 12000	46.1	47.7	51.3	52.6	53.5	53.5	54.8	54.8	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.5
GE 10000	48.4	50.0	53.5	54.8	55.8	55.8	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.7
GE 9000	49.4	51.0	54.5	55.8	56.8	56.8	58.1	58.1	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.7
GE 8000	53.2	54.8	58.7	60.0	61.0	61.0	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.9
GE 7000	53.9	55.5	59.4	60.6	61.6	61.6	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.5
GE 6000	54.2	55.8	59.7	61.0	61.9	61.9	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9
GE 5000	55.8	57.4	61.3	62.6	63.5	63.5	64.8	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.5
GE 4500	57.4	59.0	63.2	64.8	65.8	65.8	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.7
GE 4000	58.7	60.3	64.8	66.5	67.4	67.4	68.7	68.7	69.0	69.0	69.0	69.0	69.4	69.4	69.4	69.7
GE 3500	59.0	60.6	65.2	66.8	67.7	67.7	69.0	69.0	69.4	69.4	69.4	69.4	69.7	69.7	69.7	70.0
GE 3000	59.7	61.3	65.8	67.7	69.0	69.0	70.3	70.3	70.6	70.6	70.6	70.6	71.0	71.0	71.0	71.3
GE 2500	61.0	62.6	67.1	69.0	70.3	70.6	71.9	71.9	72.3	72.3	72.3	72.3	72.6	72.6	72.6	72.9
GE 2000	63.9	65.5	70.0	72.3	73.5	73.9	75.2	75.2	75.8	75.8	75.8	75.8	76.1	76.1	76.1	76.5
GE 1800	64.5	66.1	70.6	72.9	74.2	74.5	75.8	75.8	76.5	76.5	76.5	76.5	76.8	76.8	76.8	77.1
GE 1500	67.7	69.4	73.9	76.1	77.7	78.1	79.4	79.4	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.6
GE 1200	68.7	70.3	74.8	77.1	78.7	79.0	80.3	80.3	81.0	81.0	81.0	81.0	81.3	81.3	81.3	81.6
GE 1000	69.4	71.3	75.8	78.7	81.0	81.3	82.5	82.6	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.9
GE 900	69.7	71.6	76.1	80.0	82.6	82.9	84.2	84.2	84.8	84.8	84.8	84.8	85.2	85.2	85.2	85.5
GE 800	70.3	72.3	76.8	81.0	84.5	85.2	86.5	86.5	87.1	87.1	87.1	87.1	87.4	87.4	87.4	87.7
GE 700	70.6	72.9	77.7	81.9	85.5	86.1	87.4	87.7	88.4	88.7	88.7	88.7	89.0	89.0	89.0	89.4
GE 600	70.6	72.9	77.7	81.9	85.5	86.1	87.4	87.7	88.4	89.0	89.0	89.0	89.4	89.4	89.4	89.7
GE 500	71.0	73.2	78.1	82.6	86.5	87.4	89.4	90.3	91.3	92.3	92.3	92.3	92.6	92.6	92.6	92.9
GE 400	71.0	73.2	78.4	83.2	87.4	88.7	90.6	91.6	92.9	93.9	93.9	93.9	94.2	94.2	94.2	94.5
GE 300	71.0	73.2	78.4	83.2	87.4	89.0	91.3	92.6	94.8	96.5	96.8	96.8	97.1	97.1	97.1	97.7
GE 200	71.0	73.2	78.4	83.2	87.4	89.0	91.3	92.6	94.8	97.4	98.1	98.1	98.7	98.7	98.7	99.7
GE 100	71.0	73.2	78.4	83.2	87.4	89.0	91.3	92.6	94.8	97.4	98.1	98.4	99.0	99.0	99.0	100.0
GE 000	71.0	73.2	78.4	83.2	87.4	89.0	91.3	92.6	94.8	97.4	98.1	98.4	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	47.5	47.8	48.6	48.9	49.1	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	50.1	52.0	52.5	53.2	53.5	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	50.2	52.2	52.6	53.3	53.7	53.9	54.0	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 16000	50.2	52.2	52.6	53.3	53.7	54.0	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 14000	50.8	52.7	53.1	53.9	54.2	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	51.5	53.4	53.9	54.6	54.9	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	54.7	56.9	57.5	58.4	58.7	59.1	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	56.1	58.3	58.9	59.8	60.1	60.5	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 8000	58.3	60.4	61.2	62.0	62.4	62.8	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 7000	59.7	61.8	62.6	63.4	63.8	64.2	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 6000	60.1	62.3	63.0	63.9	64.2	64.6	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 5000	61.4	63.5	64.4	65.3	65.6	66.0	66.2	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	62.3	64.5	65.5	66.5	66.9	67.3	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 4000	63.5	65.8	66.8	67.7	68.3	68.8	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 3500	64.1	66.5	67.4	68.5	69.0	69.6	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3000	65.3	67.6	68.7	69.8	70.4	71.0	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 2500	67.3	69.7	70.9	72.0	72.7	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 2000	69.1	71.9	73.1	74.7	75.4	76.0	76.2	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 1800	70.3	73.4	74.6	76.3	77.1	77.7	78.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 1500	72.9	76.3	77.5	79.4	80.3	81.0	81.2	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1200	74.8	78.4	79.9	82.0	83.2	83.9	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 1000	75.6	79.2	80.8	83.3	84.6	85.4	85.7	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 900	75.9	79.7	81.4	84.3	85.8	86.8	87.1	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 800	76.1	79.9	81.6	84.5	86.3	87.4	87.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 700	76.5	80.3	82.5	85.6	87.6	89.0	89.6	90.4	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	76.7	80.8	82.9	86.2	88.6	90.1	90.8	91.8	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	76.9	81.1	83.3	86.8	89.5	91.3	92.0	93.4	94.1	94.2	94.4	94.4	94.5	94.5	94.5	94.5
GE 400	76.9	81.1	83.4	87.1	89.8	91.6	92.7	94.6	95.5	95.8	96.0	96.0	96.1	96.1	96.1	96.1
GE 300	76.9	81.1	83.4	87.1	89.8	91.8	92.9	95.5	96.7	97.7	98.5	98.6	98.7	98.7	98.8	98.8
GE 200	76.9	81.1	83.4	87.1	89.9	91.9	93.0	95.6	97.0	98.3	99.1	99.4	99.6	99.6	99.7	99.8
GE 100	76.9	81.1	83.4	87.1	89.9	91.9	93.0	95.6	97.0	98.3	99.1	99.6	99.8	99.8	99.9	100.0
GE 000	76.9	81.1	83.4	87.1	89.9	91.9	93.0	95.6	97.0	98.3	99.1	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.2	48.0	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	53.9	54.8	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 18000	54.0	54.9	55.4	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	54.1	55.1	55.6	55.8	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	54.8	55.8	56.3	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 12000	55.5	56.5	57.0	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 10000	57.1	58.2	58.7	58.9	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 9000	58.5	59.6	60.1	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 8000	61.2	62.3	62.8	63.0	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 7000	62.5	63.5	64.2	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	63.4	64.5	65.2	65.6	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 5000	64.9	66.2	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	65.9	67.2	68.0	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4000	67.3	68.8	69.7	70.1	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 3500	69.0	70.5	71.4	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3000	72.6	74.1	75.1	75.5	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	74.6	76.2	77.3	77.7	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.3	78.3	78.3	78.3
GE 2000	77.1	78.7	80.0	80.4	81.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 1800	78.8	80.4	81.7	82.2	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1500	82.2	83.8	85.1	85.5	86.0	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	83.0	85.2	86.9	87.6	88.2	88.6	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1000	83.2	85.5	87.5	88.8	89.7	90.3	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 900	83.2	85.5	87.6	89.2	90.4	91.1	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	83.7	86.0	88.3	90.2	91.6	92.5	92.7	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	83.8	86.5	88.8	90.9	92.7	93.5	93.9	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 600	84.0	86.8	89.1	91.3	93.2	94.1	94.4	95.2	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 500	84.1	87.0	89.4	91.7	93.9	94.8	95.4	96.5	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2
GE 400	84.1	87.0	89.4	91.7	94.2	95.4	96.0	97.1	97.5	98.0	98.2	98.3	98.3	98.3	98.3	98.3
GE 300	84.1	87.0	89.5	91.8	94.4	95.8	96.5	97.8	98.3	98.8	99.1	99.6	99.6	99.6	99.7	99.7
GE 200	84.1	87.0	89.5	91.8	94.4	95.8	96.5	97.8	98.3	98.8	99.1	99.6	99.6	99.6	99.7	99.7
GE 100	84.1	87.0	89.5	91.8	94.4	95.8	96.5	97.8	98.3	98.8	99.1	99.6	99.8	99.8	100.0	100.0
GE 000	84.1	87.0	89.5	91.8	94.4	95.8	96.5	97.8	98.3	98.8	99.1	99.6	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	45.7	46.1	46.2	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	55.2	55.6	56.0	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 18000	55.3	55.7	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	55.3	55.7	56.1	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	55.9	56.3	56.9	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	57.7	58.2	58.7	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	59.2	59.7	60.2	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 9000	60.3	60.8	61.3	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	62.6	63.0	63.8	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	63.5	64.0	64.9	65.5	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 6000	64.7	65.2	66.1	66.7	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 5000	66.2	66.7	67.7	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	67.7	68.3	69.4	69.9	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4000	69.7	70.3	71.4	71.9	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 3500	72.4	73.0	74.1	74.6	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 3000	76.0	76.8	77.8	78.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	78.0	78.8	79.9	80.4	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	80.3	81.4	82.6	83.2	84.0	84.0	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	80.6	81.7	83.3	84.1	84.8	84.8	84.8	84.8	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	82.3	83.5	85.4	86.1	86.9	86.9	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1200	83.7	85.2	87.3	88.3	89.2	89.4	89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1000	84.0	85.8	88.0	89.4	90.9	91.2	91.3	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	84.3	86.2	88.5	90.0	91.5	91.8	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 800	84.4	86.5	89.1	91.0	92.6	93.0	93.3	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	84.5	86.6	89.4	91.6	93.4	94.1	94.6	94.7	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	84.9	87.0	89.9	92.4	94.6	95.3	96.1	96.2	96.3	96.5	96.6	96.7	96.7	96.7	96.7	96.7
GE 500	84.9	87.0	89.9	92.6	94.8	95.6	96.7	97.1	97.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7
GE 400	84.9	87.0	89.9	92.7	95.1	95.8	97.1	97.7	98.2	98.4	98.5	98.7	98.7	98.7	98.7	98.7
GE 300	84.9	87.0	89.9	92.7	95.1	95.8	97.1	98.1	98.5	98.9	99.2	99.5	99.6	99.6	99.6	99.6
GE 200	84.9	87.0	89.9	92.7	95.1	95.8	97.1	98.1	98.5	98.9	99.2	99.5	99.7	99.9	99.9	99.9
GE 100	84.9	87.0	89.9	92.7	95.1	95.8	97.1	98.1	98.5	98.9	99.2	99.5	99.7	99.9	99.9	100.0
GE 000	84.9	87.0	89.9	92.7	95.1	95.8	97.1	98.1	98.5	98.9	99.2	99.5	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE-NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	49.9	50.5	50.8	51.0	51.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 20000	55.6	56.3	56.7	56.9	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	55.9	56.7	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 16000	55.9	56.7	57.0	57.2	57.4	57.4	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
GE 14000	56.8	57.5	58.0	58.3	58.5	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 12000	58.1	58.8	59.2	59.6	59.8	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 10000	61.4	62.2	62.6	62.9	63.1	63.1	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 9000	61.8	62.6	63.0	63.3	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 8000	63.5	64.4	64.9	65.4	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	64.7	65.7	66.5	66.9	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 6000	66.1	67.1	67.8	68.3	68.5	68.5	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	67.4	68.4	69.1	69.6	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 4500	68.7	69.7	70.4	70.9	71.1	71.1	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	70.9	71.8	72.8	73.2	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3500	72.8	73.8	74.9	75.4	75.6	75.6	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 3000	75.9	76.9	78.1	78.5	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	78.1	79.0	80.3	80.8	81.0	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2000	80.3	81.3	82.7	83.3	83.7	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1800	80.8	81.7	83.2	83.9	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1500	82.2	83.2	85.1	86.2	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1200	82.9	84.0	86.0	87.4	88.0	88.5	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1000	83.4	84.6	86.9	88.3	88.9	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 900	83.8	84.9	87.3	88.7	89.4	90.1	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 800	84.1	85.4	88.0	89.5	90.1	91.2	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 700	84.3	85.8	88.4	90.3	91.1	92.5	93.4	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	84.4	85.9	88.6	90.6	91.9	93.7	95.1	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 500	84.4	85.9	88.7	90.9	92.4	94.2	95.7	96.5	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 400	84.4	85.9	88.7	90.9	92.4	94.4	96.2	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8
GE 300	84.4	85.9	88.7	91.0	92.7	94.8	96.8	98.0	98.4	99.0	99.1	99.2	99.2	99.4	99.4	99.4
GE 200	84.4	85.9	88.7	91.0	92.7	94.8	96.9	98.1	98.5	99.1	99.5	99.7	99.7	99.9	99.9	100.0
GE 100	84.4	85.9	88.7	91.0	92.7	94.8	96.9	98.1	98.5	99.1	99.5	99.7	99.7	99.9	99.9	100.0
GE 000	84.4	85.9	88.7	91.0	92.7	94.8	96.9	98.1	98.5	99.1	99.5	99.7	99.7	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	51.6	52.6	52.6	52.6	52.9	52.9	52.9	52.9	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 20000	55.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 18000	55.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 16000	55.8	56.8	56.8	56.8	57.4	57.4	57.4	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 14000	57.1	58.1	58.1	58.1	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	58.7	59.7	59.7	59.7	60.3	60.3	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	60.6	61.6	61.6	61.6	62.3	62.3	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 9000	62.9	63.9	63.9	63.9	64.5	64.5	64.5	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 8000	64.8	66.1	66.1	66.1	66.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 7000	65.5	66.8	66.8	66.8	67.4	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.8	68.4	68.4	68.4	69.0	69.0	69.0	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	68.4	70.0	70.0	70.0	70.6	70.6	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	69.0	70.6	70.6	70.6	71.3	71.3	71.6	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	70.0	71.6	71.6	71.6	72.3	72.3	72.6	72.6	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	72.9	74.8	75.2	75.2	75.8	75.8	76.1	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	76.8	78.7	79.0	79.0	80.3	80.3	80.6	80.6	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2500	77.7	79.7	80.6	80.6	81.9	81.9	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 2000	80.3	82.3	83.5	83.5	84.8	84.8	85.2	85.2	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 1800	81.9	83.9	85.2	85.2	86.5	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1500	82.3	84.2	85.8	85.8	87.1	87.1	87.4	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1200	82.6	84.8	86.8	87.4	89.0	89.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1000	82.9	85.2	87.1	87.7	89.4	89.4	90.3	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 900	83.2	85.5	87.4	88.1	89.7	89.7	90.6	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	83.5	85.8	88.4	89.0	90.6	90.6	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	83.5	85.8	88.4	89.0	91.0	91.3	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	83.5	85.8	88.7	89.7	92.3	93.2	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	83.5	85.8	89.0	90.0	92.9	93.9	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	83.5	85.8	89.0	90.0	92.9	93.9	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 300	83.5	85.8	89.0	90.0	92.9	94.2	97.4	98.4	99.0	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	83.5	85.8	89.0	90.0	92.9	94.2	97.4	98.4	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.5	85.8	89.0	90.0	92.9	94.2	97.4	98.4	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.5	85.8	89.0	90.0	92.9	94.2	97.4	98.4	99.0	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	47.8	48.2	48.6	48.8	48.9	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 20000	53.2	54.2	54.8	55.2	55.5	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 18000	53.3	54.4	55.0	55.3	55.6	55.6	55.8	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	53.3	54.4	55.0	55.4	55.7	55.8	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 14000	54.1	55.2	55.8	56.3	56.6	56.7	56.8	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 12000	55.2	56.3	57.0	57.4	57.7	57.8	58.0	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 10000	57.6	58.7	59.4	60.0	60.3	60.3	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 9000	58.8	59.9	60.6	61.1	61.4	61.5	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	61.1	62.2	63.1	63.6	64.0	64.1	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4
GE 7000	62.2	63.4	64.3	64.9	65.3	65.4	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	63.2	64.4	65.3	65.9	66.3	66.4	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	64.6	65.9	66.8	67.4	67.8	67.9	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 4500	65.7	67.1	68.1	68.7	69.1	69.2	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6
GE 4000	67.4	68.7	69.9	70.5	70.9	71.1	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	69.1	70.5	71.7	72.4	72.8	72.9	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.3
GE 3000	71.8	73.3	74.6	75.2	75.9	76.0	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	73.8	75.3	76.6	77.3	78.0	78.2	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2000	76.1	77.7	79.2	80.1	80.7	81.0	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1800	77.2	78.7	80.3	81.2	81.9	82.2	82.4	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 1500	79.2	81.0	82.8	83.8	84.6	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4
GE 1200	80.3	82.4	84.4	85.8	86.7	87.1	87.4	87.5	87.6	87.6	87.6	87.6	87.7	87.7	87.7	87.7
GE 1000	80.8	83.0	85.2	86.8	88.0	88.6	88.9	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 900	81.0	83.3	85.6	87.5	88.8	89.4	89.9	90.1	90.2	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 800	81.3	83.7	86.2	88.2	89.8	90.6	91.2	91.4	91.5	91.5	91.5	91.5	91.6	91.6	91.6	91.6
GE 700	81.5	84.0	86.7	89.0	90.8	91.8	92.6	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.4
GE 600	81.7	84.3	87.0	89.5	91.6	92.8	93.7	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.9
GE 500	81.8	84.4	87.2	89.9	92.2	93.5	94.7	95.5	95.9	96.1	96.2	96.3	96.3	96.3	96.3	96.3
GE 400	81.8	84.4	87.3	90.0	92.5	93.9	95.3	96.3	96.9	97.2	97.3	97.4	97.4	97.4	97.4	97.5
GE 300	81.8	84.4	87.3	90.1	92.6	94.1	95.6	97.1	97.8	98.5	98.9	99.1	99.1	99.2	99.2	99.3
GE 200	81.8	84.4	87.3	90.1	92.6	94.2	95.6	97.1	97.9	98.7	99.2	99.4	99.6	99.7	99.7	99.8
GE 100	81.8	84.4	87.3	90.1	92.6	94.2	95.6	97.1	97.9	98.7	99.2	99.5	99.7	99.8	99.9	100.0
GE 000	81.8	84.4	87.3	90.1	92.6	94.2	95.6	97.1	97.9	98.7	99.2	99.5	99.7	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.5	51.2	51.8	53.2	53.5	53.5	53.5	53.8	53.8	53.8	53.8	53.8	53.8	53.8	54.2	54.2
GE 20000	53.5	56.9	57.5	58.9	59.2	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.9	59.9
GE 18000	54.2	57.5	58.2	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5
GE 16000	54.2	57.5	58.2	59.5	59.9	59.9	59.9	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.5	60.5
GE 14000	54.5	57.9	58.5	59.9	60.2	60.2	60.2	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.9	60.9
GE 12000	55.9	59.2	59.9	61.2	61.5	61.5	61.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.2	62.2
GE 10000	57.5	60.9	61.5	62.9	63.2	63.2	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.9	63.9
GE 9000	58.5	62.2	62.9	64.2	64.5	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.2	65.2
GE 8000	60.9	64.5	65.2	66.6	66.9	66.9	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.6	67.6
GE 7000	63.9	67.6	68.2	69.6	69.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.6	70.6
GE 6000	64.9	68.9	69.6	70.9	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.9	71.9
GE 5000	65.6	69.9	70.6	71.9	72.2	72.2	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.9	72.9
GE 4500	66.9	71.2	71.9	73.2	73.9	73.9	73.9	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.6	74.6
GE 4000	67.9	72.2	72.9	74.6	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.9	75.9
GE 3500	68.9	73.6	74.2	75.9	76.6	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.3	77.3
GE 3000	69.9	74.6	75.3	77.3	77.9	77.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.6	78.6
GE 2500	72.2	76.9	77.9	80.3	80.9	80.9	80.9	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.6	81.6
GE 2000	73.6	78.3	79.3	81.6	82.3	82.3	82.3	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.9	82.9
GE 1800	75.3	79.9	80.9	83.3	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.6	84.6
GE 1500	77.3	82.6	83.6	86.0	86.6	86.6	86.6	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.6	87.6
GE 1200	78.3	83.9	84.9	87.3	88.3	88.3	88.3	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.3	89.3
GE 1000	79.3	85.6	86.6	89.0	90.0	90.0	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	91.0	91.0
GE 900	79.3	85.6	86.6	89.3	90.3	90.6	90.6	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6	91.6
GE 800	79.9	86.3	87.3	90.0	91.0	91.3	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3
GE 700	79.9	86.3	87.3	90.0	91.0	91.3	91.6	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6
GE 600	80.6	87.0	88.0	91.3	92.3	92.6	93.0	93.6	93.6	93.6	93.6	93.6	93.6	93.6	94.0	94.0
GE 500	80.6	87.0	88.0	91.3	92.6	93.3	94.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.3	95.3
GE 400	80.6	87.0	88.0	91.3	92.6	94.0	94.6	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.3	96.3
GE 300	80.6	87.0	88.0	91.6	93.0	94.3	95.3	96.7	96.7	97.0	97.7	97.7	97.7	97.7	98.0	98.3
GE 200	80.6	87.0	88.0	91.6	93.0	94.3	95.3	96.7	96.7	97.0	98.3	98.3	98.3	98.3	98.7	99.0
GE 100	80.6	87.0	88.0	91.6	93.0	94.3	95.3	97.0	97.0	97.3	98.7	98.7	98.7	98.7	99.3	100.0
GE 000	80.6	87.0	88.0	91.6	93.0	94.3	95.3	97.0	97.0	97.3	98.7	98.7	98.7	99.0	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 299

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	49.8	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 20000	55.6	56.7	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 18000	55.8	56.9	57.0	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 16000	56.0	57.1	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	57.6	58.7	58.8	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	59.3	60.4	60.6	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	61.1	62.3	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 9000	61.7	62.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 8000	64.3	65.6	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 7000	66.0	67.7	67.8	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 6000	67.2	68.9	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 5000	68.6	70.2	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 4500	69.7	71.6	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	72.0	74.1	74.4	74.9	74.9	74.9	75.0	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 3500	73.6	75.8	76.1	76.7	76.8	76.8	76.9	76.9	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	75.4	77.7	78.0	78.6	78.7	78.8	78.9	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2500	77.4	79.7	80.0	80.6	80.7	80.8	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	79.8	82.2	82.8	83.6	83.8	83.9	84.0	84.0	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 1800	81.9	84.3	84.9	85.7	85.9	86.0	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1500	83.6	86.0	86.8	87.6	88.0	88.2	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	85.4	87.9	88.7	89.7	90.3	90.6	90.7	90.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	86.1	88.7	89.7	90.7	91.6	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	86.3	88.9	90.0	91.0	91.9	92.2	92.4	92.4	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 800	86.7	89.3	90.4	91.6	92.4	92.8	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 700	87.1	89.8	90.9	92.1	93.2	93.6	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 600	87.1	89.9	91.0	92.2	93.6	94.2	94.9	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	87.1	90.2	91.4	92.9	94.2	95.6	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 400	87.1	90.3	91.6	93.1	94.6	96.2	97.4	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	87.1	90.3	91.7	93.2	95.1	96.8	98.0	98.6	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	87.1	90.3	91.7	93.2	95.1	96.8	98.0	98.6	99.1	99.4	99.7	99.8	99.8	99.8	99.9	100.0
GE 100	87.1	90.3	91.7	93.2	95.1	96.8	98.0	98.6	99.1	99.4	99.7	99.8	99.8	99.9	99.9	100.0
GE 000	87.1	90.3	91.7	93.2	95.1	96.8	98.0	98.6	99.1	99.4	99.7	99.8	99.8	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	47.6	47.8	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 20000	54.8	55.1	55.1	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 18000	55.1	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 16000	55.1	55.4	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 14000	56.1	56.4	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	57.3	57.7	57.7	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 10000	58.2	58.6	58.6	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 9000	59.1	59.4	59.4	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	61.8	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 7000	63.6	64.0	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 6000	64.6	65.1	65.1	65.4	65.6	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	66.0	66.6	66.6	67.1	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	67.3	68.0	68.0	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	70.9	71.8	71.8	72.3	72.6	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	74.0	75.0	75.1	75.7	76.1	76.4	76.4	76.6	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 3000	78.3	79.6	79.7	80.2	80.8	81.1	81.1	81.2	81.3	81.4	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	81.1	82.4	82.7	83.2	83.9	84.3	84.3	84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	84.0	85.7	85.9	86.4	87.1	87.6	87.7	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 1800	84.3	86.0	86.2	86.8	87.4	87.9	88.0	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 1500	86.3	88.0	88.7	89.2	89.9	90.3	90.4	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.1	91.1
GE 1200	87.8	89.4	90.1	91.1	91.7	92.3	92.4	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.1	93.1
GE 1000	88.1	90.0	90.7	91.8	92.9	93.4	93.6	93.7	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.2
GE 900	88.2	90.1	90.9	92.0	93.3	93.9	94.0	94.1	94.2	94.3	94.4	94.4	94.6	94.6	94.7	94.7
GE 800	88.8	90.8	91.6	93.0	94.3	94.9	95.1	95.2	95.3	95.4	95.6	95.6	95.7	95.7	95.8	95.8
GE 700	89.1	91.1	91.9	93.4	94.8	95.3	95.6	95.7	95.9	96.0	96.1	96.1	96.2	96.2	96.3	96.3
GE 600	89.1	91.1	91.9	93.4	95.2	95.8	96.2	96.3	96.6	96.7	96.8	96.8	96.9	96.9	97.0	97.0
GE 500	89.1	91.1	91.9	93.7	95.4	96.2	96.7	96.8	97.1	97.2	97.3	97.3	97.4	97.4	97.6	97.6
GE 400	89.1	91.2	92.2	94.1	96.2	97.2	97.8	98.0	98.3	98.4	98.7	98.7	98.8	98.9	99.0	99.0
GE 300	89.1	91.2	92.2	94.1	96.4	97.4	98.0	98.3	98.8	99.0	99.4	99.4	99.6	99.7	99.8	99.8
GE 200	89.1	91.2	92.2	94.1	96.4	97.4	98.0	98.3	98.8	99.0	99.6	99.7	99.8	99.9	100.0	100.0
GE 100	89.1	91.2	92.2	94.1	96.4	97.4	98.0	98.3	98.8	99.0	99.6	99.7	99.8	99.9	100.0	100.0
GE 000	89.1	91.2	92.2	94.1	96.4	97.4	98.0	98.3	98.8	99.0	99.6	99.7	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - J'UL 90
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	57.8	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	57.8	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 14000	58.7	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	60.0	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 10000	61.9	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 9000	62.6	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 8000	66.0	66.4	66.6	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 7000	67.6	68.1	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 6000	69.1	69.7	69.8	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 5000	71.3	72.0	72.1	72.1	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 4500	72.9	73.6	73.7	73.7	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 4000	76.6	77.2	77.3	77.3	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 3500	80.2	80.9	81.0	81.0	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	83.3	84.2	84.3	84.3	84.6	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	85.4	86.6	86.7	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
GE 2000	86.6	88.0	88.3	88.6	88.8	88.8	89.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	87.2	88.7	89.0	89.3	89.6	89.6	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1500	88.6	90.3	90.9	91.3	91.6	91.6	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1200	89.0	90.9	91.9	93.0	93.3	93.3	93.6	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	89.4	91.3	92.6	93.8	94.2	94.2	94.4	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	89.8	91.7	92.9	94.2	94.7	94.7	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	89.9	91.8	93.2	94.7	95.2	95.2	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	90.0	91.9	93.3	94.8	95.6	95.6	95.9	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	90.0	91.9	93.3	94.9	96.3	96.3	96.7	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	90.3	92.2	93.7	95.4	96.9	97.0	97.4	98.2	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6
GE 400	90.3	92.3	93.8	95.6	97.0	97.1	97.7	98.9	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 300	90.3	92.3	93.8	95.6	97.0	97.1	97.7	98.9	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7
GE 200	90.3	92.3	93.8	95.6	97.0	97.1	97.7	98.9	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	90.3	92.3	93.8	95.6	97.0	97.1	97.7	98.9	99.3	99.6	99.7	99.9	100.0	100.0	100.0	100.0
GE 000	90.3	92.3	93.8	95.6	97.0	97.1	97.7	98.9	99.3	99.6	99.7	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	56.4	56.7	56.8	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 20000	64.4	64.8	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	64.8	65.1	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	64.9	65.2	65.3	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	66.0	66.3	66.4	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	67.4	67.8	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 10000	69.3	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 9000	70.6	70.9	71.0	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	72.7	73.0	73.2	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 7000	74.3	74.8	75.0	75.3	75.3	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 6000	76.0	76.4	76.7	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
GE 5000	77.6	78.1	78.3	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 4500	78.9	79.4	79.9	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
GE 4000	80.2	80.8	81.2	81.6	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	82.1	82.7	83.1	83.4	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	83.7	84.6	85.1	85.4	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 2500	85.0	85.9	86.4	86.9	87.4	87.7	87.7	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 2000	86.4	87.7	88.4	88.9	89.4	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 1800	87.0	88.2	89.2	89.7	90.2	90.4	90.4	90.6	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 1500	88.0	89.2	90.8	91.4	92.2	92.4	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	88.3	89.7	91.2	91.9	93.0	93.2	93.6	93.8	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	88.6	89.9	91.4	92.3	93.6	93.9	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 900	88.6	89.9	91.4	92.3	93.6	93.9	94.3	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 800	88.8	90.1	91.8	92.8	94.0	94.3	94.8	95.0	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 700	88.9	90.6	92.2	93.2	94.6	94.9	95.3	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 600	89.2	91.0	92.7	93.7	95.4	95.9	96.4	96.7	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 500	89.4	91.4	93.2	94.2	96.0	96.4	97.3	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	89.6	91.6	93.3	94.3	96.1	96.7	98.0	98.7	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 300	89.6	91.6	93.3	94.3	96.1	96.9	98.2	99.0	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	89.6	91.6	93.3	94.3	96.1	96.9	98.2	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.6	91.6	93.3	94.3	96.1	96.9	98.2	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.6	91.6	93.3	94.3	96.1	96.9	98.2	99.1	99.3	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	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	67.7	67.7	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 18000	67.7	67.7	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 16000	67.7	67.7	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	68.0	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 10000	70.7	70.7	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 9000	72.3	72.3	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 8000	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 7000	77.3	77.3	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	78.3	78.3	78.7	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 5000	79.7	79.7	80.3	80.3	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4500	80.3	80.3	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	81.3	81.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3500	83.3	83.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	85.7	86.0	87.0	87.0	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 2500	87.0	87.3	88.3	88.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	87.3	88.0	89.0	89.3	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 1800	88.7	89.3	90.3	90.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	89.0	89.7	91.0	91.3	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	89.3	90.0	91.3	91.7	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 1000	90.0	90.7	92.3	92.7	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 900	90.0	90.7	92.3	92.7	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 800	90.3	91.0	93.0	93.3	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 700	90.3	91.3	93.3	93.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	96.0	96.0
GE 600	90.7	91.7	93.7	94.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	97.0	97.0
GE 500	90.7	91.7	93.7	94.0	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.3	97.3
GE 400	90.7	91.7	93.7	94.3	97.0	97.3	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7
GE 300	90.7	91.7	93.7	94.7	97.3	97.7	98.0	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0
GE 200	90.7	91.7	93.7	94.7	97.3	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.7	99.7	100.0	100.0
GE 100	90.7	91.7	93.7	94.7	97.3	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.7	99.7	100.0	100.0
GE 000	90.7	91.7	93.7	94.7	97.3	97.7	98.0	98.7	99.0	99.0	99.3	99.3	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.1	51.6	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 20000	58.4	59.1	59.2	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 18000	58.7	59.4	59.6	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9
GE 16000	58.8	59.5	59.6	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 14000	59.8	60.5	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0	61.0
GE 12000	61.3	62.0	62.1	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 10000	62.8	63.6	63.7	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.1	64.1
GE 9000	63.8	64.5	64.6	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 8000	66.5	67.3	67.4	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.9	67.9
GE 7000	68.3	69.2	69.3	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 6000	69.6	70.5	70.7	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 5000	71.1	72.2	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0
GE 4500	72.4	73.5	73.8	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	74.9	76.1	76.4	76.8	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3
GE 3500	77.3	78.6	78.9	79.4	79.6	79.7	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	79.9	81.3	81.7	82.1	82.6	82.7	82.8	82.9	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	81.9	83.4	83.8	84.3	84.8	84.9	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.3
GE 2000	83.7	85.5	86.0	86.7	87.2	87.3	87.4	87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	84.7	86.5	87.1	87.7	88.2	88.4	88.5	88.6	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	86.1	88.1	89.0	89.7	90.3	90.5	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 1200	87.1	89.1	90.1	91.1	92.0	92.1	92.3	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.8	92.8
GE 1000	87.6	89.7	90.9	92.0	92.9	93.2	93.4	93.6	93.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	87.7	89.9	91.0	92.2	93.2	93.5	93.7	93.9	94.0	94.1	94.1	94.1	94.1	94.1	94.2	94.2
GE 800	88.0	90.2	91.5	92.8	93.9	94.2	94.5	94.7	94.8	94.9	94.9	94.9	94.9	94.9	95.0	95.0
GE 700	88.3	90.5	91.8	93.2	94.4	94.6	95.0	95.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5
GE 600	88.4	90.7	92.0	93.4	95.0	95.4	95.9	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.5	96.5
GE 500	88.5	91.0	92.3	93.9	95.5	96.1	96.8	97.1	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 400	88.5	91.1	92.5	94.1	95.8	96.6	97.5	98.2	98.4	98.6	98.6	98.7	98.7	98.7	98.8	98.8
GE 300	88.5	91.1	92.5	94.1	96.0	96.9	97.8	98.5	98.9	99.2	99.4	99.4	99.4	99.5	99.5	99.5
GE 200	88.5	91.1	92.5	94.1	96.0	96.9	97.8	98.6	99.0	99.3	99.6	99.7	99.8	99.8	99.9	100.0
GE 100	88.5	91.1	92.5	94.1	96.0	96.9	97.8	98.6	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0
GE 000	88.5	91.1	92.5	94.1	96.0	96.9	97.8	98.6	99.0	99.3	99.6	99.7	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	43.3	44.3	45.3	45.7	46.0	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	49.0	51.0	52.0	52.7	53.0	53.3	53.7	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 18000	49.7	51.7	52.7	53.3	53.7	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	49.7	51.7	52.7	53.3	53.7	54.0	54.3	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 14000	51.3	53.3	54.3	55.0	55.3	55.7	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	53.7	56.0	57.3	58.0	58.3	58.7	59.0	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	56.3	59.3	60.7	61.3	61.7	62.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 9000	57.3	60.3	61.7	62.3	62.7	63.0	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	59.7	62.7	64.0	64.7	65.0	65.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 7000	61.3	64.3	65.7	66.3	67.0	67.3	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	62.3	65.3	66.7	67.3	68.0	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	63.3	67.0	68.3	69.0	70.3	71.0	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 4500	64.3	68.0	69.3	70.3	71.7	72.7	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 4000	65.3	69.0	70.3	71.3	72.7	73.7	74.0	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	66.7	70.7	72.0	73.0	74.3	75.3	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	68.3	72.3	73.7	74.7	76.0	77.0	77.3	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 2500	70.3	74.3	76.3	77.3	78.7	80.0	80.3	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 2000	70.7	75.0	77.3	78.3	79.7	81.3	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 1800	71.3	75.7	78.0	79.3	80.7	82.3	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 1500	72.7	77.0	79.3	80.7	82.0	83.7	84.0	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1200	73.7	78.7	81.3	82.7	84.0	85.7	86.0	86.7	86.7	86.7	87.0	87.0	87.0	87.0	87.0	87.0
GE 1000	74.3	79.3	82.0	83.7	85.0	86.7	87.0	87.7	87.7	87.7	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	74.7	79.7	82.3	84.0	85.3	87.0	87.3	88.0	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3
GE 800	74.7	80.3	83.7	85.3	86.7	88.3	88.7	89.3	89.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7
GE 700	74.7	80.3	84.0	86.0	87.7	89.3	90.0	90.7	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0
GE 600	75.0	80.7	84.7	87.0	89.0	91.3	92.3	93.0	93.3	93.3	93.7	93.7	93.7	93.7	93.7	93.7
GE 500	76.0	82.3	86.7	89.3	92.3	95.0	96.3	97.0	97.3	97.3	98.0	98.0	98.0	98.0	98.0	98.0
GE 400	76.3	82.7	87.0	89.7	93.0	95.7	97.0	98.0	98.3	98.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	76.3	83.0	87.3	90.0	93.3	96.0	97.3	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.3	83.0	87.3	90.0	93.3	96.0	97.3	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.3	83.0	87.3	90.0	93.3	96.0	97.3	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.3	83.0	87.3	90.0	93.3	96.0	97.3	98.7	99.0	99.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	46.6	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 20000	52.9	53.9	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	53.4	54.4	54.6	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	54.1	55.1	55.2	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	55.4	56.6	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	57.6	58.8	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 10000	59.7	61.1	61.6	61.6	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 9000	61.0	62.4	62.9	62.9	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 8000	64.7	66.4	67.0	67.0	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	66.0	67.8	68.3	68.3	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 6000	66.8	68.9	69.4	69.4	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 5000	67.9	70.1	70.9	71.3	71.6	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	68.8	71.1	72.0	72.4	72.7	73.0	73.1	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	69.9	72.2	73.1	73.6	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	71.3	74.1	75.2	75.7	75.9	76.2	76.3	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	74.1	76.4	77.6	78.0	78.2	78.6	78.7	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 2500	75.9	78.3	79.6	80.2	80.4	81.0	81.1	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 2000	78.9	81.6	82.9	83.6	83.8	84.3	84.4	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	79.7	82.3	83.8	84.4	84.7	85.3	85.4	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	82.4	85.1	86.6	87.2	87.4	88.1	88.2	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1200	83.7	86.9	88.6	89.2	89.4	90.1	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	84.6	88.2	90.0	90.9	91.1	91.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	84.7	88.3	90.3	91.3	91.7	92.3	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	85.1	88.9	91.1	92.1	92.7	93.3	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 700	85.3	89.1	91.6	93.1	93.9	94.8	94.9	95.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 600	85.7	89.4	91.9	93.9	95.0	96.0	96.1	96.2	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	85.7	89.7	92.1	94.2	95.8	96.8	97.1	97.6	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	85.9	90.0	92.4	94.7	96.6	97.7	98.0	98.7	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	85.9	90.0	92.4	94.7	96.7	97.8	98.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	85.9	90.0	92.4	94.7	96.7	97.8	98.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	85.9	90.0	92.4	94.7	96.7	97.8	98.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	85.9	90.0	92.4	94.7	96.7	97.8	98.2	98.9	99.6	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 20000	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 18000	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 16000	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 14000	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 10000	57.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	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 8000	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 7000	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 6000	64.8	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	67.2	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	69.1	69.8	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	72.2	72.9	73.1	73.3	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 3500	75.6	76.2	76.4	76.7	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 3000	79.4	80.2	80.6	80.8	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 2500	83.3	84.3	84.7	85.0	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 2000	86.0	87.3	87.7	88.1	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	86.8	88.1	88.4	88.9	89.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1500	89.4	90.8	91.1	91.7	92.4	92.4	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1200	90.6	92.3	92.7	93.2	94.0	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	91.1	93.2	93.8	94.3	95.1	95.1	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	91.2	93.3	94.0	94.8	95.6	95.6	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	91.8	93.9	95.0	95.8	96.7	96.8	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	91.9	94.1	95.2	96.0	97.0	97.3	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	92.6	94.8	96.0	96.9	97.9	98.3	98.8	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	92.7	94.9	96.1	97.0	98.0	98.4	99.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	92.7	94.9	96.1	97.1	98.1	98.7	99.2	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	92.8	95.0	96.2	97.2	98.2	98.8	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.8	95.0	96.2	97.2	98.2	98.8	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.8	95.0	96.2	97.2	98.2	98.8	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.8	95.0	96.2	97.2	98.2	98.8	99.3	99.6	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 18000	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	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 10000	62.4	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 9000	63.3	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 8000	66.8	67.2	67.3	67.6	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 7000	67.9	68.3	68.4	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	69.1	69.9	70.1	70.3	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 5000	74.1	74.9	75.1	75.3	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	76.0	77.0	77.3	77.6	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4000	77.9	79.0	79.3	79.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 3500	81.3	82.4	83.0	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 3000	84.7	85.9	86.6	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2500	86.8	88.0	88.7	89.2	89.4	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7
GE 2000	89.3	90.6	91.3	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1800	89.9	91.1	91.9	92.4	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
GE 1500	90.6	92.3	93.2	93.9	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 1200	91.9	93.8	94.8	95.6	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 1000	92.2	94.2	95.3	96.1	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8
GE 900	92.3	94.3	95.7	96.4	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 800	92.7	94.7	96.2	97.1	97.4	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 700	93.1	95.1	96.7	97.7	98.0	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	93.2	95.4	97.0	98.0	98.4	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 500	93.2	95.4	97.0	98.0	98.4	98.7	99.1	99.2	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9
GE 400	93.2	95.4	97.0	98.0	98.4	98.8	99.2	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	93.2	95.4	97.0	98.0	98.4	98.8	99.2	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	93.2	95.4	97.0	98.0	98.4	98.8	99.2	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	93.2	95.4	97.0	98.0	98.4	98.8	99.2	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	93.2	95.4	97.0	98.0	98.4	98.8	99.2	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	56.1	56.1	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 20000	64.9	65.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 18000	65.4	65.6	65.8	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	65.7	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	67.4	67.6	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 12000	68.7	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	70.8	71.1	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	70.9	71.2	71.6	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 8000	74.1	74.6	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 7000	75.4	75.9	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
GE 6000	77.2	77.7	78.1	78.3	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	79.7	80.3	80.9	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	80.6	81.2	81.9	82.1	82.3	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4000	82.3	83.1	84.0	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
GE 3500	84.6	85.6	86.4	86.9	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3000	87.0	88.4	89.6	90.0	90.4	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2500	88.0	89.4	90.7	91.1	91.6	91.7	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2000	89.4	91.0	92.3	92.8	93.3	93.7	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	89.9	91.4	92.8	93.2	93.8	94.1	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	90.2	91.8	93.1	93.6	94.1	94.6	94.7	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1200	91.0	92.6	93.9	94.3	95.1	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	91.4	93.1	94.4	94.9	95.8	96.2	96.4	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	91.4	93.1	94.6	95.1	96.0	96.4	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	91.6	93.2	94.8	95.4	96.4	96.9	97.2	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	91.7	93.3	94.9	95.6	96.7	97.1	97.6	97.8	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	91.8	93.4	95.0	95.7	96.8	97.2	98.0	98.6	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	91.8	93.4	95.0	95.7	96.9	97.3	98.2	98.8	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	91.8	93.4	95.0	95.7	96.9	97.4	98.3	98.9	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	91.8	93.4	95.0	95.7	96.9	97.4	98.3	98.9	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	91.8	93.4	95.0	95.7	96.9	97.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	93.4	95.0	95.7	96.9	97.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	93.4	95.0	95.7	96.9	97.4	98.3	98.9	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	61.7	62.0	62.3	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 20000	67.0	67.7	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	67.3	68.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 16000	67.3	68.0	69.0	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 14000	68.3	69.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 12000	68.7	69.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 10000	72.7	73.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	72.7	73.7	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 8000	74.0	75.0	76.3	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 7000	76.0	77.0	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	76.3	77.7	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	77.7	79.3	80.7	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 4500	79.0	80.7	82.0	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	80.7	82.3	83.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	81.7	83.7	85.0	85.3	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 3000	85.7	88.0	89.7	90.0	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 2500	86.0	88.3	90.0	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 2000	86.7	89.0	91.0	91.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 1800	87.3	89.7	92.0	92.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	88.0	90.7	93.0	94.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	88.3	91.0	93.3	94.3	95.3	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1000	88.3	91.0	93.3	94.3	95.3	95.3	95.7	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	88.3	91.0	93.3	94.7	95.7	95.7	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	89.0	91.7	94.0	95.3	97.0	97.0	97.7	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	89.0	91.7	94.3	95.7	97.3	97.3	98.0	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	89.0	91.7	94.3	95.7	97.3	97.3	98.0	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	89.0	91.7	94.3	95.7	97.7	97.7	98.3	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	89.0	91.7	94.3	95.7	97.7	97.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	89.0	91.7	94.3	95.7	97.7	97.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	89.0	91.7	94.3	95.7	97.7	97.7	98.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	89.0	91.7	94.3	95.7	97.7	97.7	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.0	91.7	94.3	95.7	97.7	97.7	98.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	48.0	48.2	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 20000	56.4	56.8	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	56.8	57.3	57.5	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
GE 16000	57.1	57.6	57.8	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 14000	58.4	58.9	59.1	59.2	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 12000	59.9	60.5	60.8	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 10000	62.9	63.7	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 9000	63.7	64.4	64.8	64.9	65.0	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	67.1	68.0	68.4	68.5	68.6	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	68.3	69.2	69.6	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 6000	69.5	70.5	71.0	71.1	71.3	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 5000	72.0	73.2	73.7	74.0	74.2	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 4500	73.3	74.7	75.4	75.7	75.9	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	75.2	76.6	77.3	77.7	78.0	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	77.7	79.2	80.0	80.5	80.8	81.0	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 3000	80.7	82.4	83.3	83.7	84.2	84.4	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2500	82.7	84.5	85.5	86.0	86.5	86.7	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2000	84.9	86.8	87.9	88.5	89.0	89.4	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	85.5	87.5	88.6	89.2	89.8	90.1	90.3	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	87.0	89.1	90.3	91.0	91.5	91.9	92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	88.1	90.5	91.7	92.4	93.0	93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1000	88.6	91.2	92.6	93.3	94.0	94.4	94.6	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 900	88.7	91.3	92.8	93.7	94.4	94.7	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 800	89.1	91.7	93.5	94.4	95.2	95.7	96.0	96.1	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	89.3	91.9	93.8	94.9	95.8	96.4	96.7	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	89.5	92.3	94.2	95.4	96.5	97.1	97.6	97.9	98.0	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	89.6	92.5	94.4	95.7	97.0	97.6	98.2	98.6	98.9	99.1	99.2	99.2	99.3	99.3	99.3	99.3
GE 400	89.7	92.5	94.5	95.8	97.2	97.9	98.6	99.0	99.4	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	89.7	92.6	94.5	95.9	97.3	98.0	98.7	99.1	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	89.7	92.6	94.5	95.9	97.3	98.0	98.7	99.1	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	89.7	92.6	94.5	95.9	97.3	98.0	98.7	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	89.7	92.6	94.5	95.9	97.3	98.0	98.7	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	48.3	52.3	54.0	54.7	55.0	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 20000	57.0	61.3	63.0	63.7	64.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 18000	57.0	61.3	63.0	63.7	64.7	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 16000	57.3	61.7	63.3	64.0	65.0	66.0	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 14000	57.7	62.0	63.7	64.3	65.3	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	61.3	66.0	68.3	69.3	70	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 10000	63.3	68.0	70.3	71.3	72.7	73.7	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 9000	64.0	68.7	71.0	72.0	73.3	74.3	74.3	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	67.0	71.7	74.3	75.3	76.7	77.7	77.7	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 7000	67.7	72.3	75.0	76.0	77.3	78.3	78.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 6000	68.3	73.0	75.7	76.7	78.0	79.0	79.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	70.0	74.7	77.3	78.7	80.0	81.3	81.3	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	70.7	75.3	78.0	79.7	81.3	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	72.0	76.7	79.3	81.0	82.7	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 3500	72.3	77.0	80.0	81.7	83.3	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 3000	73.7	78.7	81.7	83.3	85.0	86.3	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	74.3	79.3	82.3	84.0	85.7	87.0	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 2000	75.0	80.0	83.3	85.0	86.7	88.3	88.3	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1800	75.3	80.3	83.7	85.3	87.0	88.7	88.7	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	76.7	81.7	85.0	87.0	89.0	90.7	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.3	91.3	91.3
GE 1200	77.0	82.0	85.7	87.7	89.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.3	92.3	92.3
GE 1000	77.7	82.7	86.3	88.3	90.3	92.3	92.3	92.7	92.7	92.7	92.7	92.7	93.0	93.0	93.0	93.0
GE 900	78.3	83.3	87.0	89.3	91.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3
GE 800	78.3	83.3	87.0	89.3	91.7	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.3	94.3	94.3	94.3
GE 700	78.7	84.0	87.7	90.3	92.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.3	95.3	95.3	95.3
GE 600	78.7	84.0	88.0	90.7	93.0	95.0	95.0	95.7	95.7	95.7	95.7	95.7	96.0	96.0	96.0	96.0
GE 500	79.3	84.7	88.7	91.7	94.3	96.3	96.3	97.0	97.0	97.3	97.3	97.3	97.7	97.7	97.7	97.7
GE 400	79.3	84.7	89.0	92.0	94.7	96.7	96.7	97.3	98.0	98.3	98.7	98.7	99.0	99.0	99.0	99.0
GE 300	79.3	84.7	89.0	92.0	94.7	96.7	96.7	97.3	98.3	98.7	99.0	99.0	99.3	99.3	99.3	99.3
GE 200	79.3	84.7	89.0	92.3	95.0	97.0	97.0	97.7	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	79.3	84.7	89.0	92.3	95.0	97.0	97.0	97.7	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	79.3	84.7	89.0	92.3	95.0	97.0	97.0	97.7	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	50.1	52.1	52.4	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	59.8	61.8	62.2	62.6	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 18000	60.8	62.8	63.2	63.6	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 16000	61.3	63.3	63.8	64.1	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 14000	62.0	64.0	64.4	64.8	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 12000	64.7	66.8	67.3	67.9	68.4	68.4	68.4	68.4	69.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 10000	67.3	69.6	70.1	70.7	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 9000	68.2	70.7	71.2	71.8	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 8000	71.1	73.8	74.3	74.9	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 7000	72.2	75.0	75.6	76.1	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 6000	73.3	76.1	76.7	77.3	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 5000	74.7	77.7	78.3	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 4500	75.6	78.6	79.2	79.9	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 4000	76.4	79.8	80.6	81.2	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 3500	77.2	80.7	81.4	82.1	83.1	83.2	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	78.6	82.0	82.8	83.7	84.7	84.8	84.9	84.9	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	80.7	84.2	85.0	85.9	87.0	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 2000	82.7	86.2	87.1	88.0	89.6	89.8	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	83.8	87.3	88.2	89.1	90.7	90.9	91.0	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	85.4	89.1	90.2	91.1	92.8	93.0	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1200	86.6	90.4	91.7	92.7	94.3	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1000	86.9	91.1	92.4	93.7	95.3	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 900	87.1	91.3	92.7	93.9	95.6	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 800	87.2	91.4	92.9	94.3	96.4	96.9	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	87.4	91.7	93.1	94.6	96.7	97.1	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	87.6	91.8	93.3	95.0	97.1	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 500	87.7	91.9	93.6	95.3	97.7	98.2	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	87.7	92.2	93.9	95.7	98.0	98.7	98.9	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	87.7	92.2	93.9	95.7	98.0	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.7	92.2	93.9	95.7	98.0	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.7	92.2	93.9	95.7	98.0	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.7	92.2	93.9	95.7	98.0	98.8	99.0	99.4	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.7	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 20000	56.3	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	56.6	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 16000	56.9	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	58.3	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 12000	60.0	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 10000	63.2	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 9000	64.4	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 8000	67.0	67.8	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	68.6	69.3	69.6	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 6000	69.2	70.0	70.4	70.6	70.7	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 5000	71.3	72.3	72.8	72.9	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4500	71.9	72.9	73.3	73.4	73.6	73.6	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	75.6	77.0	77.4	77.7	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	79.0	80.4	81.2	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 3000	84.0	85.4	86.3	86.6	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	88.6	90.2	91.2	91.7	91.9	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	90.1	92.1	93.1	93.6	93.9	94.0	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	90.9	92.9	93.9	94.3	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	92.1	94.1	95.1	95.6	95.9	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1200	92.8	95.1	96.1	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	93.3	95.7	96.7	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	93.3	95.7	96.7	97.4	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	93.6	95.9	96.9	97.7	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
GE 700	93.7	96.0	97.0	97.9	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 600	94.0	96.3	97.4	98.3	98.8	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2
GE 500	94.1	96.4	97.6	98.6	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 400	94.1	96.4	97.6	98.6	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7
GE 300	94.1	96.4	97.6	98.6	99.2	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	94.1	96.4	97.6	98.6	99.2	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	94.1	96.4	97.6	98.6	99.2	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	94.1	96.4	97.6	98.6	99.2	99.3	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90.
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	49.1	50.2	50.3	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 20000	63.0	64.2	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	63.4	64.7	65.0	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 16000	63.4	64.7	65.0	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	64.8	66.0	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	67.3	68.6	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	71.1	72.3	73.0	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 9000	71.8	73.0	73.7	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	74.4	75.7	76.3	76.7	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 7000	76.9	78.2	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
GE 6000	78.6	80.0	80.7	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	31.3	81.3	81.3	81.3
GE 5000	80.2	81.7	82.3	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4500	81.1	82.6	83.2	83.6	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 4000	84.7	86.3	87.2	87.7	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 3500	87.0	88.7	89.7	90.2	91.0	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 3000	90.0	91.7	92.7	93.2	94.0	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	91.1	92.9	94.0	94.9	95.7	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	91.8	93.6	94.7	95.6	96.3	96.3	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	91.9	93.7	94.8	95.7	96.4	96.4	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	92.6	94.3	95.4	96.3	97.1	97.1	97.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	92.9	94.7	95.9	96.8	97.6	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	93.3	95.1	96.3	97.2	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	93.3	95.1	96.3	97.2	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	93.3	95.1	96.3	97.2	98.1	98.1	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8
GE 700	93.3	95.1	96.3	97.2	98.3	98.4	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1
GE 600	93.3	95.2	96.4	97.3	98.4	98.6	98.7	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
GE 500	93.3	95.2	96.4	97.3	98.4	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3
GE 400	93.3	95.2	96.4	97.3	98.6	98.7	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 300	93.3	95.2	96.4	97.3	98.6	98.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	93.3	95.2	96.4	97.3	98.6	98.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	93.3	95.2	96.4	97.3	98.6	98.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	93.3	95.2	96.4	97.3	98.6	98.7	99.0	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	58.0	59.0	59.3	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	68.8	69.8	70.4	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
GE 18000	69.0	70.0	70.7	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
GE 16000	69.2	70.2	70.9	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	70.8	71.8	72.4	73.3	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	71.7	72.7	73.3	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
GE 10000	74.4	75.6	76.3	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	75.2	76.3	77.1	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 8000	78.4	79.7	80.7	81.9	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	80.7	82.0	83.1	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 6000	83.3	84.7	85.8	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 5000	84.7	86.0	87.4	89.0	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 4500	84.9	86.3	88.1	89.7	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 4000	85.9	87.3	89.1	90.9	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 3500	87.3	88.8	90.6	92.3	93.0	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 3000	88.7	90.1	92.0	93.3	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	89.2	90.9	92.9	94.8	95.7	95.9	96.1	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	89.6	91.3	93.3	95.2	96.1	96.3	96.6	96.6	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	89.6	91.3	93.4	95.4	96.3	96.6	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	90.3	92.1	94.3	96.3	97.2	97.4	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 1200	90.3	92.1	94.3	96.3	97.2	97.4	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0
GE 1000	90.4	92.2	94.4	96.4	97.3	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 900	90.4	92.2	94.4	96.4	97.3	97.6	97.8	97.8	97.9	98.0	98.0	98.0	98.1	98.1	98.1	98.1
GE 800	90.4	92.3	94.6	96.6	97.6	97.8	98.0	98.0	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4
GE 700	90.6	92.6	94.8	96.8	98.1	98.3	98.7	98.7	98.8	98.9	99.0	99.0	99.1	99.1	99.1	99.1
GE 600	90.6	92.6	94.8	96.8	98.1	98.3	98.7	98.8	98.9	99.0	99.1	99.1	99.2	99.2	99.2	99.2
GE 500	90.6	92.6	94.8	96.8	98.1	98.3	98.7	99.0	99.1	99.2	99.3	99.3	99.4	99.4	99.4	99.4
GE 400	90.6	92.6	94.8	96.8	98.1	98.3	98.8	99.2	99.3	99.4	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	90.6	92.6	94.8	96.8	98.1	98.3	98.8	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	90.6	92.6	94.8	96.8	98.1	98.3	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	90.6	92.6	94.8	96.8	98.1	98.3	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	90.6	92.6	94.8	96.8	98.1	98.3	98.8	99.4	99.6	99.7	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	63.7	64.7	65.3	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	70.3	71.3	72.3	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 18000	70.3	71.3	72.3	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 16000	70.3	71.3	72.3	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	70.7	71.7	72.7	73.3	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 12000	72.3	73.3	74.3	75.0	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 10000	73.7	74.7	75.7	76.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 9000	75.0	76.0	77.0	77.7	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 8000	80.0	81.0	82.3	83.0	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 7000	81.3	82.3	83.7	84.3	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 6000	84.0	85.0	86.3	87.0	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 5000	85.0	86.3	87.7	88.3	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	85.3	86.7	88.0	88.7	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	86.3	87.7	89.3	90.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 3500	87.7	89.3	91.0	92.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	89.0	90.7	92.3	93.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	89.0	91.0	92.7	94.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2000	90.0	92.0	93.7	95.0	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 1800	90.0	92.0	93.7	95.0	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 1500	90.0	92.3	94.3	95.7	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 1200	90.0	92.3	94.3	95.7	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 1000	90.3	92.7	94.7	96.0	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	90.3	92.7	94.7	96.0	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 800	90.3	92.7	94.7	96.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	90.3	92.7	94.7	96.0	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 600	90.7	93.0	95.0	96.3	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	90.7	93.0	95.0	96.3	98.0	98.0	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	90.7	93.0	95.0	96.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	90.7	93.0	95.0	96.3	98.0	98.0	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	90.7	93.0	95.0	96.3	98.0	98.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.7	93.0	95.0	96.3	98.0	98.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.7	93.0	95.0	96.3	98.0	98.0	99.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.5	52.9	53.2	53.5	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	62.2	63.6	64.2	64.6	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 18000	62.6	64.0	64.6	65.0	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	62.9	64.3	64.8	65.3	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 14000	64.0	65.4	66.0	66.4	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 12000	66.0	67.5	68.1	68.6	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 10000	69.0	70.5	71.2	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 9000	69.9	71.5	72.2	72.7	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 8000	72.9	74.5	75.3	75.9	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 7000	74.6	76.3	77.1	77.7	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 6000	76.1	77.9	78.8	79.4	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	77.7	79.6	80.5	81.3	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 4500	78.3	80.2	81.3	82.0	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	80.4	82.5	83.7	84.5	85.3	85.4	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 3500	82.3	84.4	85.7	86.6	87.3	87.5	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	84.7	86.9	88.2	89.2	90.0	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2500	86.6	88.9	90.3	91.4	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	87.7	90.1	91.5	92.6	93.6	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 1800	88.1	90.6	92.0	93.1	94.1	94.4	94.5	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1500	89.1	91.6	93.2	94.3	95.4	95.6	95.7	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 1200	89.6	92.2	93.9	95.0	96.1	96.4	96.5	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	90.0	92.7	94.3	95.6	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
GE 900	90.1	92.8	94.4	95.7	96.8	97.1	97.2	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 800	90.2	92.9	94.5	95.9	97.1	97.4	97.5	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 700	90.3	93.0	94.7	96.1	97.5	97.8	98.0	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 600	90.4	93.2	94.9	96.4	97.7	98.1	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6
GE 500	90.5	93.3	95.0	96.6	98.0	98.4	98.6	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 400	90.5	93.4	95.1	96.7	98.2	98.5	98.9	99.3	99.5	99.5	99.6	99.6	99.6	99.7	99.7	99.7
GE 300	90.5	93.4	95.1	96.7	98.2	98.6	98.9	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	90.5	93.4	95.1	96.7	98.2	98.6	98.9	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.5	93.4	95.1	96.7	98.2	98.6	98.9	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	90.5	93.4	95.1	96.7	98.2	98.6	98.9	99.5	99.7	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 426

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	46.3	51.0	55.0	59.7	59.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 20000	51.3	57.0	61.0	63.7	66.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 18000	51.3	57.0	61.3	64.0	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 16000	51.3	57.0	61.3	64.0	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 14000	52.7	58.3	62.7	65.3	67.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	53.7	59.3	64.0	66.7	69.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 10000	59.7	65.3	70.0	73.0	75.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 9000	60.7	66.3	71.3	74.3	76.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 8000	62.3	68.0	73.0	76.0	78.3	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 7000	64.7	70.7	76.0	79.3	81.7	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 6000	65.3	71.3	76.7	80.3	82.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	66.7	72.7	78.0	81.7	84.0	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	67.0	73.0	78.3	82.0	84.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4000	68.3	74.3	79.7	83.3	85.7	87.0	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	68.3	74.7	80.3	84.0	86.3	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	69.3	75.7	81.3	85.0	87.3	89.3	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	69.7	76.0	81.7	85.7	88.0	90.0	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 2000	70.0	76.7	82.3	86.3	88.7	90.7	91.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	70.3	77.0	82.7	86.7	89.0	91.0	91.3	91.3	91.3	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	71.0	77.7	83.3	87.3	89.7	91.7	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1200	71.7	78.7	84.3	88.3	90.7	92.7	93.0	93.0	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	72.0	79.0	84.7	88.7	91.0	93.0	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 900	72.0	79.0	84.7	88.7	91.0	93.0	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 800	72.0	79.0	84.7	89.0	91.3	93.7	94.0	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	72.3	79.3	85.0	89.3	91.7	94.3	94.7	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 600	72.7	80.0	85.7	90.3	92.7	95.7	96.0	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	73.3	80.7	86.3	91.3	93.7	96.7	97.0	97.7	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	73.3	80.7	86.3	91.3	94.0	97.0	97.3	98.3	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	73.7	81.0	86.7	91.7	94.3	97.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	73.7	81.0	86.7	91.7	94.3	97.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	73.7	81.0	86.7	91.7	94.3	97.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0
GE 000	73.7	81.0	86.7	91.7	94.3	97.3	97.7	99.0	99.3	99.7	99.7	99.7	99.7	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	51.0	55.9	57.1	58.8	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 20000	56.7	61.8	63.2	65.2	65.7	65.8	65.8	65.8	65.8	65.8	65.3	65.8	65.8	65.8	65.8	65.8
GE 18000	57.0	62.1	63.6	65.8	66.3	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 16000	57.3	62.4	63.9	66.1	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 14000	58.8	63.9	65.3	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 12000	61.2	66.3	67.8	70.2	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	64.7	69.8	71.2	73.7	74.4	74.6	74.6	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	65.9	71.0	72.6	75.1	75.9	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 8000	69.0	74.1	75.7	78.4	79.6	79.8	79.9	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 7000	70.9	76.0	77.6	80.3	81.6	81.8	81.9	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 6000	71.6	76.8	78.3	81.1	82.3	82.6	82.7	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	72.3	77.6	79.1	81.9	83.1	83.2	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 4500	73.1	78.3	79.9	82.7	83.9	84.1	84.2	84.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	74.1	79.3	80.9	83.8	85.0	85.2	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	74.6	80.2	82.0	85.0	86.2	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	75.7	81.3	83.1	86.1	87.4	87.8	87.9	87.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	76.9	82.6	84.4	87.4	88.8	89.1	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 2000	79.1	84.9	86.8	89.8	91.2	91.7	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 1800	79.8	85.7	87.6	90.6	92.0	92.4	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1500	80.8	86.7	88.6	91.6	93.0	93.4	93.6	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	82.0	87.9	89.8	92.8	94.2	94.7	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	82.8	88.7	90.6	93.6	95.1	95.6	95.7	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	82.8	88.7	90.6	93.6	95.2	95.7	95.8	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	83.1	89.0	91.1	94.1	95.8	96.4	96.6	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 700	83.7	89.7	91.9	95.0	96.8	97.4	97.6	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	83.9	90.0	92.2	95.3	97.3	98.1	98.2	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	84.1	90.2	92.4	95.6	97.7	98.6	98.7	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	84.1	90.2	92.4	95.6	97.8	98.7	98.8	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	84.1	90.2	92.4	95.6	97.8	98.7	98.9	99.3	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	84.1	90.2	92.4	95.6	97.8	98.7	98.9	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	84.1	90.2	92.4	95.6	97.8	98.7	98.9	99.3	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	84.1	90.2	92.4	95.6	97.8	98.7	98.9	99.3	99.8	99.8	99.9	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	53.6	55.4	56.2	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 20000	62.3	64.2	65.7	66.2	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	62.4	64.3	65.8	66.4	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 16000	63.0	64.9	66.3	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 14000	64.0	65.9	67.3	68.1	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 12000	66.2	68.1	69.6	70.4	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 10000	71.1	73.0	74.6	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
GE 9000	71.9	73.8	75.3	76.3	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	75.6	77.4	79.0	80.0	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 7000	76.3	78.2	79.8	80.8	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	76.6	78.4	80.0	81.0	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 5000	77.2	79.1	80.7	81.7	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 4500	78.0	80.0	81.6	82.6	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 4000	79.8	81.8	83.3	84.3	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 3500	82.8	84.8	86.8	87.8	88.6	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 3000	85.4	87.6	89.6	90.9	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 2500	88.2	90.4	92.4	93.8	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	89.9	92.1	94.1	95.4	96.2	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	90.2	92.7	94.7	96.0	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	90.8	93.2	95.2	96.6	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	91.3	93.8	95.8	97.1	98.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	91.4	93.9	95.9	97.2	98.2	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	91.7	94.1	96.1	97.4	98.4	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	91.8	94.2	96.2	97.6	98.6	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	91.9	94.3	96.3	97.8	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.0	94.4	96.4	97.9	98.9	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	92.1	94.6	96.6	98.0	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	92.1	94.6	96.6	98.0	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	92.1	94.6	96.6	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.1	94.6	96.6	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.1	94.6	96.6	98.0	99.1	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.1	94.6	96.6	98.0	99.1	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	G. 0
NO CEIL	58.2	61.0	61.6	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	68.3	72.0	72.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 18000	68.4	72.1	72.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 16000	68.6	72.2	73.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 14000	70.0	73.7	74.4	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	72.0	75.7	76.4	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	76.6	80.4	81.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 9000	77.2	81.1	82.0	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	79.8	83.8	84.8	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 7000	81.7	85.7	86.7	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 6000	82.4	86.4	87.4	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 5000	82.7	86.8	87.9	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 4500	83.3	87.4	88.6	89.6	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 4000	84.3	89.1	90.2	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 3500	85.9	91.0	92.2	93.3	93.7	93.7	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	87.7	93.2	94.4	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 2500	89.1	94.4	95.7	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	89.2	94.6	95.8	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	89.3	94.7	95.9	97.2	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	89.3	94.8	96.0	97.3	97.7	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	89.6	95.0	96.2	97.6	97.9	97.9	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	89.6	95.0	96.3	97.7	98.0	98.0	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	89.8	95.2	96.6	97.9	98.2	98.2	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	89.8	95.2	96.7	98.0	98.4	98.4	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	89.9	95.3	96.8	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	90.3	95.9	97.3	98.8	99.3	99.3	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	90.4	96.0	97.4	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	90.4	96.0	97.4	98.9	99.4	99.4	99.6	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	90.4	96.0	97.4	98.9	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.4	96.0	97.4	98.9	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.4	96.0	97.4	98.9	99.4	99.4	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.4	96.0	97.4	98.9	99.4	99.4	99.7	99.8	99.8	99.8	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	67.2	69.7	71.5	72.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 20000	75.3	77.9	80.3	81.3	81.5	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 18000	75.5	78.1	80.5	81.5	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 16000	75.5	78.1	80.5	81.5	81.7	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 14000	76.5	79.2	81.5	82.5	82.7	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 12000	77.4	80.0	82.5	83.6	83.8	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 10000	80.8	83.5	86.0	87.1	87.3	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 9000	81.3	83.9	86.4	87.5	87.7	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000	85.1	87.8	90.6	91.8	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	86.2	89.0	91.8	92.9	93.1	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 6000	86.4	89.3	92.1	93.2	93.4	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	87.0	89.5	92.9	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6
GE 4500	87.0	89.9	93.0	94.1	94.3	94.5	94.6	94.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8
GE 4000	88.0	91.0	94.1	95.3	95.5	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	88.2	91.2	94.4	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 3000	88.5	91.6	95.0	96.2	96.7	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	89.2	92.4	95.7	96.9	97.3	97.7	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	89.5	92.8	96.0	97.2	97.7	98.0	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	89.5	92.8	96.1	97.3	97.8	98.1	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	89.7	93.0	96.3	97.5	98.0	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	89.7	93.0	96.3	97.5	98.0	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	89.7	93.0	96.3	97.5	98.0	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	89.7	93.0	96.3	97.5	98.0	98.3	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	89.7	93.0	96.4	97.7	98.1	98.4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	89.9	93.1	96.5	97.8	98.2	98.6	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	89.9	93.1	96.5	98.0	98.4	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	90.1	93.3	96.9	98.3	98.8	99.1	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.8	99.9	99.9
GE 400	90.1	93.3	96.9	98.3	98.8	99.1	99.3	99.3	99.3	99.6	99.6	99.7	99.7	99.8	99.9	99.9
GE 300	90.1	93.3	96.9	98.3	98.8	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 200	90.1	93.3	96.9	98.3	98.8	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 100	90.1	93.3	96.9	98.3	98.8	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.9	100.0	100.0
GE 000	90.1	93.3	96.9	98.3	98.8	99.1	99.3	99.3	99.3	99.7	99.7	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CITY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	70.9	72.9	75.3	76.9	77.9	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 20000	76.3	78.3	80.9	82.6	83.9	84.3	84.3	84.3	84.3	84.3	84.2	84.3	84.3	84.3	84.3	84.3
GE 18000	76.6	78.6	81.3	82.9	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 16000	76.6	78.6	81.3	82.9	84.3	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 14000	76.9	78.9	81.6	83.3	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 12000	77.3	79.3	81.9	83.6	84.9	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 10000	80.3	82.3	84.9	86.6	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 9000	80.9	82.9	85.6	87.3	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 8000	84.3	86.3	89.0	91.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 7000	84.3	86.3	89.0	91.0	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 6000	84.9	87.0	89.6	91.6	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 5000	85.3	87.3	90.0	92.0	93.3	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 4500	85.3	87.3	90.0	92.3	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 4000	86.0	88.0	91.0	93.3	94.6	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3500	86.0	88.0	91.0	93.3	94.6	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	87.6	89.6	92.6	95.0	96.7	97.0	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	88.0	90.0	93.0	95.7	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	88.0	90.0	93.0	95.7	97.3	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1800	88.3	90.3	93.3	96.0	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	88.3	90.3	93.3	96.0	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	88.3	90.3	93.3	96.0	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	88.3	90.3	93.3	96.0	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	88.3	90.3	93.3	96.0	97.7	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	88.6	90.6	93.6	96.3	98.0	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	89.0	91.0	94.0	96.7	98.3	98.7	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.0	91.0	94.0	96.7	98.7	99.0	99.0	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 299

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	57.7	60.7	62.1	63.3	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	65.4	68.8	70.5	71.8	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 18000	55.6	69.0	70.8	72.1	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	65.8	69.2	71.0	72.4	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	66.9	70.4	72.1	73.5	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 12000	68.7	72.1	73.9	75.4	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 10000	72.8	76.3	78.1	79.7	80.2	80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 9000	73.6	77.0	79.0	80.5	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 8000	76.8	80.3	82.3	83.9	84.6	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 7000	78.1	81.7	83.7	85.4	86.1	86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 6000	78.6	82.2	84.3	85.9	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	79.2	82.8	85.0	86.6	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 4500	79.7	83.4	85.5	87.2	88.0	88.2	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 4000	80.9	84.7	86.9	88.6	89.4	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	82.0	86.0	88.4	90.2	91.0	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 3000	83.5	87.6	90.0	91.9	92.8	93.1	93.2	93.2	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	84.8	89.0	91.4	93.3	94.2	94.6	94.7	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	85.8	90.0	92.4	94.3	95.3	95.6	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	86.1	90.3	92.8	94.7	95.6	96.0	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	86.5	90.8	93.2	95.2	96.1	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	87.0	91.3	93.7	95.7	96.6	97.0	97.1	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	87.2	91.5	93.9	95.9	96.9	97.3	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	87.3	91.6	94.0	96.0	97.0	97.4	97.5	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 800	87.4	91.7	94.3	96.2	97.3	97.8	97.9	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	87.7	92.0	94.5	96.6	97.6	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	87.8	92.2	94.8	96.9	98.1	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	88.0	92.4	95.0	97.2	98.4	99.0	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6
GE 400	88.0	92.4	95.0	97.2	98.4	99.0	99.2	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	88.1	92.4	95.0	97.2	98.5	99.1	99.3	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	88.1	92.4	95.0	97.2	98.5	99.1	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	88.1	92.4	95.0	97.2	98.5	99.1	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	88.1	92.4	95.0	97.2	98.5	99.1	99.3	99.5	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG-80 - JUL 90
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	38.7	44.8	50.6	51.6	53.9	55.8	55.8	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 20000	41.9	48.4	54.2	55.2	57.7	60.0	60.3	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	42.3	48.7	54.5	55.5	58.1	60.3	60.6	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 16000	42.6	49.0	54.8	55.8	58.4	60.6	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 14000	43.9	50.3	56.1	57.1	59.7	61.9	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 12000	46.8	53.2	59.4	60.3	62.9	65.2	65.5	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	49.0	56.1	62.3	63.9	66.5	68.7	69.0	69.4	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	49.7	56.8	62.9	64.5	67.1	69.7	70.0	70.3	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	55.2	62.3	68.4	70.3	73.2	75.8	76.8	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 7000	56.5	63.5	70.0	71.9	74.8	77.4	78.4	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 6000	56.8	63.9	70.6	72.6	75.5	78.1	79.0	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 5000	58.7	65.8	72.6	74.8	77.7	80.3	81.6	81.9	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	59.0	66.1	72.9	75.5	78.7	81.3	82.6	82.9	83.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	60.3	67.4	74.2	77.1	80.3	82.9	84.2	84.5	85.2	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 3500	60.6	67.7	74.5	77.4	80.6	83.2	84.5	84.8	85.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	61.3	69.0	75.8	78.7	82.6	85.2	86.5	86.8	87.4	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2500	61.9	69.7	76.5	79.4	83.2	85.8	87.1	87.4	88.1	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 2000	62.3	70.0	76.8	79.7	83.5	86.5	87.7	88.1	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1800	62.3	70.0	76.8	79.7	83.5	86.5	87.7	88.1	88.7	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1500	63.2	71.0	77.7	80.6	84.5	87.4	88.7	89.0	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	63.5	71.3	78.1	81.0	84.8	87.7	89.0	89.7	90.3	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1000	64.2	71.9	78.7	81.6	85.5	88.4	89.7	90.3	91.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 900	64.8	72.6	79.4	82.3	86.5	89.4	90.6	91.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 800	65.2	72.9	79.7	82.6	86.8	90.0	91.3	91.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	65.5	73.2	80.0	82.9	87.1	90.3	91.6	92.3	93.2	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 600	65.5	73.2	80.3	83.2	87.4	90.6	91.9	92.6	93.5	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 500	65.5	73.2	80.3	83.2	87.4	91.6	93.5	94.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 400	65.5	73.2	80.6	83.5	88.1	92.9	94.8	95.5	96.5	97.4	97.4	97.7	97.7	97.7	97.7	97.7
GE 300	65.5	73.2	80.6	83.5	88.1	92.9	94.8	95.5	96.8	97.7	98.1	98.4	98.4	98.4	99.0	99.0
GE 200	65.5	73.2	80.6	83.5	88.1	92.9	94.8	95.5	97.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0
GE 100	65.5	73.2	80.6	83.5	88.1	92.9	94.8	95.5	97.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0
GE 000	65.5	73.2	80.6	83.5	88.1	92.9	94.8	95.5	97.1	98.1	98.7	99.4	99.4	99.4	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 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	48.3	52.8	54.4	55.5	56.3	57.2	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	53.5	58.4	60.4	61.8	63.1	64.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	54.0	58.8	60.9	62.3	63.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	54.1	58.9	61.0	62.4	63.7	64.6	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	55.1	60.1	62.2	63.5	64.8	65.8	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	57.0	62.0	64.3	65.7	67.0	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 10000	60.6	65.9	68.2	69.7	71.0	71.9	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 9000	61.9	67.3	69.6	71.1	72.4	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 8000	65.2	70.6	73.0	74.8	76.2	77.3	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	67.0	72.5	74.8	76.8	78.2	79.2	79.5	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 6000	68.0	73.5	75.9	78.0	79.4	80.4	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	69.4	74.9	77.3	79.4	81.1	82.2	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 4500	70.0	75.6	78.1	80.1	81.8	82.9	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	71.0	76.7	79.2	81.3	83.0	84.1	84.4	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3500	71.0	76.7	79.2	81.3	83.1	84.3	84.6	85.1	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	71.4	77.2	79.9	81.9	83.9	85.2	85.5	86.0	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2500	72.4	78.3	81.0	83.1	85.1	86.3	86.7	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	73.3	79.2	81.9	84.1	86.0	87.3	87.6	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 1800	73.7	79.7	82.4	84.7	86.7	88.0	88.3	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1500	74.5	80.5	83.3	85.7	87.8	89.1	89.5	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 1200	75.6	81.6	84.5	87.0	89.1	90.5	90.9	91.4	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	76.2	82.3	85.3	87.8	90.2	91.6	92.2	92.7	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2
GE 900	76.3	82.4	85.5	88.1	90.4	91.8	92.4	92.9	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4
GE 800	77.1	83.3	86.5	89.0	91.5	92.9	93.7	94.3	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 700	77.2	83.7	86.8	89.5	92.2	93.7	94.5	95.2	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7
GE 600	77.5	84.1	87.2	89.9	92.6	94.2	95.2	96.0	96.5	96.5	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	77.7	84.4	87.6	90.4	93.2	95.3	96.6	97.5	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	78.0	84.7	88.1	91.1	93.9	96.1	97.4	98.6	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 300	78.0	84.7	88.1	91.1	93.9	96.2	97.6	98.8	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	78.0	84.7	88.1	91.1	94.0	96.3	97.7	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	78.0	84.7	88.1	91.1	94.0	96.3	97.7	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	78.0	84.7	88.1	91.1	94.0	96.3	97.7	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	49.5	50.6	51.2	51.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	57.4	58.8	59.8	60.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 18000	57.6	59.0	60.0	60.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 16000	57.6	59.0	60.0	60.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	59.1	60.8	61.8	62.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 12000	61.6	63.3	64.5	65.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 10000	65.8	68.0	69.2	69.9	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 9000	67.1	69.4	70.8	71.5	73.0	73.0	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 8000	70.5	72.8	74.3	75.1	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 7000	71.6	73.9	75.4	76.2	77.7	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 6000	72.7	75.1	76.7	77.6	79.1	79.1	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	74.3	76.7	78.3	79.4	81.1	81.1	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 4500	74.4	76.8	78.4	79.5	81.2	81.3	81.5	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	76.0	78.5	80.1	81.3	83.0	83.1	83.4	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	77.0	79.5	81.2	82.6	84.4	84.5	84.9	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 3000	79.4	82.2	83.9	85.5	87.4	87.6	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	80.6	83.9	85.6	87.4	89.4	89.6	90.0	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	82.5	85.9	87.6	89.5	91.5	91.7	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 1800	82.7	86.1	87.8	89.0	91.8	92.0	92.5	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1500	83.7	87.1	89.0	91.0	93.1	93.3	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	85.3	88.8	90.8	92.8	95.2	95.7	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1000	85.8	89.4	91.5	93.5	95.9	96.5	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	85.9	89.5	91.6	93.7	96.1	96.7	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	86.3	89.9	92.0	94.1	96.6	97.1	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	86.8	90.3	92.6	94.6	97.1	97.6	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	86.9	90.6	93.1	95.3	97.8	98.5	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	86.9	90.8	93.2	95.5	98.1	98.7	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	87.0	90.9	93.3	95.6	98.2	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	87.0	90.9	93.3	95.6	98.2	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	87.0	90.9	93.3	95.6	98.2	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	87.0	90.9	93.3	95.6	98.2	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	87.0	90.9	93.3	95.6	98.2	98.8	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	53.8	56.5	57.5	58.4	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 20000	62.3	64.9	66.2	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 18000	62.5	65.2	66.5	67.3	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 16000	62.6	65.3	66.6	67.4	67.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	63.1	65.8	67.3	68.2	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 12000	65.3	68.1	69.6	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 10000	70.3	73.1	74.6	75.5	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	71.8	74.6	76.1	77.0	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 8000	75.1	77.8	79.5	80.5	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 7000	76.0	78.9	80.6	81.7	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 6000	76.8	79.9	81.7	82.8	83.7	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 5000	78.8	82.0	83.9	84.9	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 4500	80.0	83.2	85.2	86.2	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 4000	81.2	84.6	86.6	87.8	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3500	82.7	86.1	88.1	89.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	84.2	87.7	89.7	91.2	92.9	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	84.9	88.5	90.5	92.2	94.0	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	85.5	89.4	91.5	93.2	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	85.5	89.4	91.5	93.2	95.1	95.6	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	86.2	90.3	92.5	94.3	96.1	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	86.8	90.9	93.0	94.8	96.7	97.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	87.2	91.3	93.4	95.3	97.2	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 900	87.2	91.3	93.4	95.3	97.2	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	87.4	91.5	93.7	95.5	97.4	98.3	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	87.4	91.5	93.7	95.5	97.4	98.3	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	87.4	91.7	93.9	95.7	97.6	98.5	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 500	87.7	92.0	94.2	96.2	98.2	99.0	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	87.7	92.0	94.3	96.3	98.3	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.7	92.0	94.3	96.3	98.3	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.7	92.0	94.3	96.3	98.3	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.7	92.0	94.3	96.3	98.3	99.1	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.7	92.0	94.3	96.3	98.3	99.1	99.7	99.8	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	59.8	64.0	65.7	67.7	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 20000	66.1	70.8	72.5	74.6	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 18000	66.1	70.8	72.5	74.6	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 16000	66.1	70.8	72.5	74.6	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	67.4	72.0	73.8	75.9	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 12000	69.7	74.5	76.3	78.5	79.1	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	72.4	77.3	79.1	81.4	82.0	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 9000	73.1	78.1	79.9	82.2	82.8	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 8000	75.7	81.0	82.9	85.3	86.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	76.6	81.8	83.8	86.3	87.3	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	77.8	83.1	85.1	87.6	88.7	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 5000	79.6	84.9	86.9	89.5	90.9	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4500	79.8	85.2	87.1	89.7	91.1	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 4000	80.8	86.1	88.1	91.1	92.7	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	81.2	86.6	88.5	91.5	93.1	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 3000	81.7	87.2	89.1	92.2	94.0	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	82.0	87.5	89.6	92.6	94.4	95.7	95.7	95.7	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	82.6	88.2	90.2	93.2	95.1	96.3	96.5	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	82.8	88.5	90.6	93.7	95.5	96.8	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 1500	83.0	89.0	91.2	94.2	96.0	97.3	97.4	97.4	97.4	97.5	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	83.0	89.0	91.2	94.2	96.0	97.4	97.5	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	83.3	89.4	91.5	94.6	96.5	97.8	98.1	98.1	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	83.3	89.4	91.5	94.6	96.5	97.8	98.1	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	83.5	89.6	91.7	94.8	96.7	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	83.5	89.6	91.7	94.8	96.7	98.1	98.3	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	83.5	89.6	91.7	95.1	97.0	98.4	98.6	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	83.8	89.9	92.2	95.7	97.8	99.2	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	83.8	89.9	92.2	95.7	98.0	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	83.8	89.9	92.2	95.7	98.0	99.4	99.6	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	83.8	89.9	92.2	95.7	98.0	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.8	89.9	92.2	95.7	98.0	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.8	89.9	92.2	95.7	98.0	99.4	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE-NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	64.2	66.1	69.7	73.2	73.5	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 20000	69.0	71.3	74.8	78.4	78.7	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 18000	69.0	71.3	74.8	78.4	78.7	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 16000	69.0	71.3	74.8	78.4	78.7	79.4	79.4	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 14000	69.4	71.6	75.2	78.7	79.0	79.7	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 12000	70.3	72.6	76.5	80.0	80.3	81.0	81.0	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	73.5	75.8	79.7	83.2	83.5	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 9000	73.9	76.1	80.0	83.5	83.9	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 8000	77.4	79.7	83.5	87.1	87.4	88.1	88.4	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	78.4	80.6	84.5	88.4	88.7	89.4	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	79.0	81.3	85.2	89.4	89.7	90.3	90.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 5000	79.7	81.9	86.1	90.6	91.0	91.6	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	80.0	82.3	86.5	91.0	91.3	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	81.6	83.9	88.1	92.9	93.2	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	81.6	83.9	88.1	92.9	93.2	94.2	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	81.6	83.9	88.4	93.2	93.9	94.8	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	81.9	84.2	88.7	93.5	94.2	95.2	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	82.3	84.8	89.4	94.2	94.8	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1800	82.3	84.8	89.4	94.2	94.8	95.8	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1500	82.3	85.2	89.7	94.8	95.5	96.5	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	82.3	85.2	89.7	94.8	95.5	96.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	82.6	85.5	90.0	95.2	95.8	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 900	82.6	85.5	90.0	95.2	95.8	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	82.6	85.5	90.0	95.2	95.8	97.1	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 700	82.6	85.5	90.0	95.5	96.1	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	82.6	85.5	90.0	95.5	96.1	97.4	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	82.6	86.1	90.6	96.1	97.1	98.4	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	82.9	86.5	91.0	96.5	97.4	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	82.9	86.5	91.0	96.5	97.4	98.7	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	83.2	86.8	91.3	96.8	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.2	86.8	91.3	96.8	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.2	86.8	91.3	96.8	97.7	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE-NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	52.6	55.9	57.6	58.9	59.7	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 20000	59.2	62.7	64.7	66.1	67.1	67.6	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 18000	59.4	62.9	64.9	66.3	67.3	67.8	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 16000	59.5	63.0	65.0	66.3	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 14000	60.5	64.1	66.2	67.5	68.5	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 12000	62.7	66.4	68.6	70.0	71.0	71.5	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 10000	66.4	70.3	72.5	74.0	75.1	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 9000	67.5	71.5	73.7	75.2	76.3	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	70.9	74.9	77.2	78.9	80.1	80.7	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	72.0	76.1	78.5	80.3	81.5	82.2	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 6000	73.0	77.1	79.6	81.4	82.7	83.4	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 5000	74.6	78.8	81.3	83.2	84.7	85.4	85.6	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 4500	75.1	79.3	81.8	83.8	85.3	86.0	86.2	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	76.3	80.6	83.2	85.3	87.0	87.8	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5	88.5	88.5
GE 3500	77.0	81.3	83.8	86.0	87.8	88.6	88.9	89.1	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	78.1	82.6	85.1	87.4	89.4	90.3	90.6	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0
GE 2500	78.8	83.5	86.1	88.5	90.4	91.4	91.7	91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	79.7	84.5	87.1	89.6	91.5	92.5	92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800	79.9	84.7	87.4	89.9	91.8	92.8	93.2	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1500	80.6	85.5	88.2	90.8	92.8	93.8	94.2	94.4	94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 1200	81.3	86.2	89.0	91.6	93.7	94.9	95.3	95.5	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8
GE 1000	81.8	86.7	89.6	92.2	94.3	95.5	96.0	96.2	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	81.8	86.8	89.7	92.3	94.5	95.7	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	82.2	87.2	90.1	92.7	94.9	96.2	96.7	97.0	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	82.4	87.4	90.3	93.0	95.2	96.5	97.1	97.4	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 600	82.4	87.6	90.6	93.3	95.6	96.9	97.6	97.9	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	82.6	87.9	90.9	93.8	96.2	97.6	98.4	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	82.7	88.0	91.1	94.0	96.5	98.0	98.8	99.2	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	82.7	88.0	91.1	94.0	96.5	98.0	98.8	99.3	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8
GE 200	82.7	88.0	91.1	94.0	96.5	98.1	98.9	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	82.7	88.0	91.1	94.0	96.5	98.1	98.9	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	82.7	88.0	91.1	94.0	96.5	98.1	98.9	99.3	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724465 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	49.5	52.6	54.3	55.7	56.4	56.4	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.5
GE 20000	47.8	52.9	56.4	58.5	59.9	60.6	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 18000	47.8	52.9	56.4	58.5	59.9	60.6	60.6	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	48.1	53.3	56.7	58.8	60.2	60.9	60.9	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 14000	49.1	54.3	57.8	59.9	61.2	61.9	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0
GE 12000	50.2	55.4	58.8	60.9	62.3	63.0	63.0	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	64.0
GE 10000	55.4	60.6	64.0	66.1	67.5	68.2	68.2	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.2
GE 9000	57.4	63.0	66.4	68.5	69.9	70.9	70.9	71.3	71.6	71.6	71.6	71.6	71.6	71.6	71.6	72.0
GE 8000	59.9	65.4	69.2	71.3	72.7	73.7	73.7	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.7
GE 7000	51.2	66.8	70.6	72.7	74.0	75.1	75.1	75.8	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.5
GE 6000	61.9	67.5	71.6	73.7	75.1	76.1	76.1	77.2	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9
GE 5000	62.6	68.5	72.7	74.7	76.5	77.5	77.5	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.2
GE 4500	63.7	69.6	73.7	76.1	77.9	78.9	78.9	79.9	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.6
GE 4000	65.4	71.3	75.8	78.2	79.9	81.0	81.0	82.0	82.7	82.7	82.7	82.7	82.7	82.7	82.7	83.0
GE 3500	65.4	71.3	75.8	78.2	80.3	81.3	81.3	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.4
GE 3000	65.4	71.3	75.8	78.2	80.3	81.3	81.3	82.4	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.7
GE 2500	65.7	71.6	76.1	78.5	80.6	81.7	81.7	82.7	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.4
GE 2000	65.7	71.6	76.1	78.5	80.6	81.7	81.7	82.7	83.7	83.7	84.1	84.1	84.1	84.1	84.1	84.4
GE 1800	66.1	72.0	76.5	78.9	81.0	82.0	82.0	83.0	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.8
GE 1500	67.1	73.0	77.5	79.9	82.0	83.0	83.0	84.1	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.8
GE 1200	68.2	74.4	79.2	81.7	83.7	85.1	85.1	86.2	87.2	87.2	87.5	87.5	87.5	87.5	87.5	87.9
GE 1000	69.2	75.8	80.6	83.4	85.5	86.9	86.9	87.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.6
GE 900	69.2	75.8	81.0	83.7	85.8	87.2	87.2	88.2	89.3	89.3	89.6	89.6	89.6	89.6	89.6	90.0
GE 800	69.6	76.5	81.7	84.8	86.9	88.2	88.2	89.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	91.0
GE 700	70.2	77.2	82.4	85.5	87.5	88.9	88.9	90.0	91.0	91.0	91.3	91.3	91.3	91.3	91.3	91.7
GE 600	70.6	77.5	82.7	86.2	88.2	90.0	90.0	91.3	92.4	92.4	92.7	92.7	92.7	92.7	92.7	93.1
GE 500	70.9	78.2	83.4	86.9	88.9	91.0	91.3	92.7	93.8	94.1	94.5	94.5	94.5	94.5	94.5	94.8
GE 400	70.9	78.9	84.1	88.2	90.3	93.1	93.4	94.8	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.9
GE 300	70.9	78.9	84.1	88.2	90.3	93.1	93.4	95.2	96.2	96.9	97.2	97.2	97.6	97.6	97.6	97.9
GE 200	70.9	78.9	84.1	88.2	90.3	93.1	93.4	95.2	96.2	96.9	97.9	98.3	99.0	99.3	99.3	99.7
GE 100	70.9	78.9	84.1	88.2	90.3	93.1	93.4	95.2	96.2	96.9	98.3	98.6	99.3	99.7	99.7	100.0
GE 000	70.9	78.9	84.1	88.2	90.3	93.1	93.4	95.2	96.2	96.9	98.3	98.6	99.3	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	CE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.0	55.3	57.0	57.9	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	57.5	60.3	62.2	63.6	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	57.9	60.8	62.6	64.0	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 16000	58.0	60.9	62.8	64.1	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 14000	59.2	62.1	63.9	65.3	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 12000	60.9	63.8	65.6	67.0	67.5	67.7	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 10000	64.3	67.4	69.5	71.0	71.5	71.7	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 9000	65.1	68.5	70.7	72.3	72.9	73.1	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 8000	68.2	71.8	74.1	75.7	76.4	76.7	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	69.0	72.6	74.9	76.6	77.2	77.5	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 6000	69.5	73.3	75.7	77.1	78.0	78.3	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 5000	69.9	73.7	76.1	77.7	78.4	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 4500	70.2	74.0	76.4	78.0	78.7	79.0	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	70.8	74.6	77.2	78.9	79.5	79.9	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 3500	71.3	75.1	77.7	79.4	80.2	80.7	80.9	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	71.8	75.6	78.3	80.0	80.8	81.3	81.5	82.0	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	72.8	76.6	79.2	80.9	81.8	82.3	82.6	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 2000	74.0	77.8	80.6	82.3	83.2	83.7	84.0	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	74.4	78.2	80.9	82.6	83.6	84.0	84.4	84.9	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1500	76.4	80.7	83.4	85.2	86.1	86.6	86.9	87.6	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1200	78.5	82.8	85.9	87.8	88.7	89.3	89.7	90.3	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1000	79.0	83.3	86.6	88.6	89.5	90.2	90.6	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 900	79.4	83.9	87.1	89.2	90.2	90.9	91.3	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	80.1	84.7	87.9	90.0	91.0	92.0	92.5	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 700	80.5	85.2	88.5	90.6	91.6	92.8	93.3	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	80.7	85.4	88.9	90.9	92.0	93.2	93.9	94.8	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	81.7	86.4	89.9	92.3	93.6	94.8	95.7	96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 400	82.0	86.8	90.5	93.1	94.6	95.9	96.8	97.8	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	82.1	86.9	90.7	93.3	94.8	96.3	97.4	98.6	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	82.1	86.9	90.7	93.3	94.8	96.3	97.4	98.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.1	86.9	90.7	93.3	94.8	96.3	97.4	98.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.1	86.9	90.7	93.3	94.8	96.3	97.4	98.6	99.0	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG-80 - JUL 90
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	54.4	55.1	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	62.1	64.5	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	62.4	64.8	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 16000	62.5	64.9	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	64.0	66.4	67.2	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	65.7	68.3	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 10000	68.7	71.3	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 9000	69.5	72.4	73.4	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
GE 8000	71.0	74.1	75.3	75.9	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	71.3	74.8	76.0	76.6	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 6000	71.7	75.3	76.4	77.0	77.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 5000	73.1	76.8	77.9	78.9	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	73.7	77.4	78.5	79.4	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 4000	75.6	79.3	80.6	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
GE 3500	77.9	81.6	82.9	83.8	84.1	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	79.7	83.3	84.6	85.6	86.0	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	81.6	85.3	86.6	87.6	87.9	88.5	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 2000	83.4	87.2	88.5	89.5	89.9	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1800	84.7	88.7	90.0	91.0	91.4	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	86.6	90.8	92.2	93.3	93.7	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	87.5	91.7	93.1	94.5	94.8	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1000	88.7	92.5	93.9	95.4	95.9	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	88.5	93.5	94.3	95.7	96.2	97.0	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	88.6	93.3	94.7	96.2	96.7	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	88.7	93.4	94.6	96.3	96.8	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 600	89.2	94.0	95.4	96.9	97.4	98.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	89.5	94.5	96.2	97.7	98.4	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	89.7	94.6	96.4	97.9	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.7	94.6	96.4	97.9	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.7	94.6	96.4	97.9	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.7	94.6	96.4	97.9	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.7	94.6	96.4	97.9	98.7	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	57.0	58.9	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	66.4	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	67.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	67.1	69.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 14000	67.6	69.4	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 12000	69.2	71.1	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 10000	74.4	76.3	77.0	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 9000	74.9	76.9	77.7	78.4	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 8000	77.7	80.0	80.8	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	79.7	82.1	82.9	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	81.4	83.8	84.6	85.3	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 5000	82.5	85.1	85.9	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4500	83.1	85.6	86.6	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	84.7	87.5	88.4	89.1	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	86.8	89.5	90.5	91.1	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 3000	88.2	91.0	92.0	92.8	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 2500	89.3	92.2	93.2	94.0	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	90.3	93.3	94.4	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1800	90.8	93.8	94.8	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
GE 1500	91.6	94.7	95.7	96.6	96.9	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	91.8	95.1	96.1	96.9	97.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	92.1	95.3	96.4	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	92.1	95.3	96.4	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	92.4	95.6	96.8	97.7	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	92.9	96.1	97.2	98.2	98.5	98.6	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	93.1	96.3	97.5	98.4	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	93.1	96.3	97.5	98.4	99.2	99.3	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	93.1	96.4	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.1	96.4	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.1	96.4	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.1	96.4	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.1	96.4	97.6	98.5	99.3	99.4	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 870

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	64.7	66.2	67.5	68.4	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 20000	72.7	74.3	75.6	76.6	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 18000	73.0	74.7	75.9	77.0	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 16000	73.0	74.7	75.9	77.0	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 14000	73.0	74.7	75.9	77.0	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 12000	75.1	76.7	78.0	79.0	79.8	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 10000	77.6	79.3	80.5	81.6	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 9000	78.3	80.0	81.3	82.6	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 8000	81.3	82.9	84.3	85.6	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 7000	82.4	84.0	85.4	86.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	82.9	84.8	86.2	87.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	84.6	86.6	88.1	89.5	90.6	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	85.4	87.6	89.1	90.4	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 4000	87.0	89.2	90.7	92.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	88.0	90.2	91.7	93.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 3000	88.8	91.0	92.6	94.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	88.8	91.1	92.7	94.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	89.5	91.8	93.5	94.9	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	89.6	91.9	93.7	95.0	96.1	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	89.9	92.2	93.9	95.3	96.3	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	90.1	92.4	94.1	95.5	96.5	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	90.6	93.0	94.7	96.1	97.1	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.7
GE 900	90.6	93.0	94.7	96.2	97.2	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 800	91.1	93.5	95.3	96.8	97.9	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5
GE 700	91.4	93.8	95.5	97.0	98.2	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7	98.7
GE 600	91.5	93.9	95.6	97.1	98.4	98.7	98.8	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	91.6	94.0	95.9	97.5	98.7	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	91.7	94.1	96.0	97.6	98.8	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	91.7	94.1	96.0	97.6	98.8	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	91.7	94.1	96.0	97.6	98.8	99.4	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	91.7	94.1	96.0	97.6	98.8	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	91.7	94.1	96.0	97.6	98.8	99.5	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	66.4	67.5	68.9	70.2	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 20000	71.6	72.7	74.0	75.4	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 18000	71.6	72.7	74.0	75.4	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 16000	71.6	72.7	74.0	75.4	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	71.6	72.7	74.0	75.4	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	73.7	74.7	76.1	77.5	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 10000	77.5	78.5	79.9	81.3	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 9000	77.9	78.9	80.6	82.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 8000	79.9	81.0	82.7	84.1	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 7000	80.6	81.7	83.4	84.8	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	82.4	83.7	85.5	86.9	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 5000	83.4	84.8	86.5	87.9	89.6	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4500	84.4	85.8	87.5	88.9	90.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 4000	85.1	86.9	88.6	90.3	92.0	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 3500	85.8	87.5	89.3	91.0	92.7	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 3000	86.2	88.2	90.0	91.7	93.4	94.5	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	86.9	88.9	90.7	92.4	94.1	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	87.2	89.3	91.0	92.7	94.5	95.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	87.5	89.6	91.3	93.1	94.8	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1500	87.5	89.6	91.3	93.1	94.8	95.8	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	87.5	90.0	91.7	93.4	95.2	96.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	87.9	90.3	92.0	93.8	95.5	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	87.9	90.3	92.0	93.8	95.5	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	88.6	91.0	92.7	94.8	96.5	97.6	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	89.3	91.7	93.4	95.5	97.2	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	89.3	91.7	93.4	95.5	97.2	98.3	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	89.3	91.7	93.4	95.5	97.2	98.3	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 400	89.6	92.0	93.8	95.8	97.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	89.6	92.0	93.8	95.8	97.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	89.6	92.0	93.8	95.8	97.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 100	89.6	92.0	93.8	95.8	97.6	98.6	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 000	89.6	92.0	93.8	95.8	97.6	98.6	99.3	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 289

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	56.5	58.7	59.9	60.5	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 20000	64.0	66.3	67.6	68.3	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 18000	64.3	66.7	67.9	68.7	69.2	69.3	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 16000	64.4	66.7	68.0	68.8	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 14000	65.2	67.5	68.8	69.6	70.0	70.1	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	66.9	69.3	70.6	71.4	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
GE 10000	70.6	73.0	74.4	75.3	75.8	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 9000	71.4	73.9	75.5	76.6	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 8000	73.9	76.7	78.3	79.4	80.1	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 7000	74.9	77.8	79.4	80.5	81.2	81.5	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 6000	75.8	78.8	80.4	81.6	82.3	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 5000	76.9	80.0	81.7	82.9	83.6	83.9	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	77.5	80.6	82.3	83.6	84.3	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	78.9	82.1	83.9	85.2	85.9	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	80.2	83.4	85.2	86.5	87.4	87.8	87.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2
GE 3000	81.2	84.5	86.3	87.6	88.5	88.9	89.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	82.1	85.4	87.3	88.6	89.5	89.9	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 2000	83.2	86.5	88.4	89.8	90.6	91.1	91.3	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.7
GE 1800	83.7	87.1	89.0	90.4	91.2	91.6	91.8	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 1500	84.9	88.4	90.3	91.7	92.6	93.0	93.2	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.7
GE 1200	85.7	89.3	91.3	92.8	93.6	94.1	94.3	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	86.2	89.9	92.0	93.5	94.4	94.9	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	86.3	90.1	92.2	93.8	94.7	95.3	95.5	95.7	95.8	95.9	95.9	95.9	95.9	95.9	95.9	96.0
GE 800	86.8	90.7	92.8	94.4	95.3	96.0	96.2	96.5	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7
GE 700	87.1	91.0	93.1	94.8	95.7	96.4	96.6	96.9	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.2
GE 600	87.4	91.3	93.4	95.1	96.1	96.8	97.1	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	87.7	91.7	93.9	95.7	96.8	97.7	98.1	98.4	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 400	87.8	91.9	94.2	96.1	97.3	98.2	98.6	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	87.9	91.9	94.3	96.2	97.4	98.3	98.8	99.2	99.4	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 200	87.9	91.9	94.3	96.2	97.4	98.3	98.8	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	87.9	91.9	94.3	96.2	97.4	98.3	98.8	99.2	99.4	99.7	99.8	99.9	99.9	100.0	100.0	100.0
GE 000	87.9	91.9	94.3	96.2	97.4	98.3	98.8	99.2	99.4	99.7	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4056

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 06-08

CEILING IN FT/2	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	48.3	49.0	50.0	51.0	51.0	51.0	51.0	51.3	51.3	51.3	51.3	51.3	51.3	51.7	51.7
GE 20000	49.7	51.7	52.3	53.7	54.7	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.3	55.3
GE 18000	50.3	52.3	53.0	54.3	55.3	55.3	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0
GE 16000	50.3	52.3	53.0	54.3	55.3	55.3	55.3	55.3	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.0
GE 14000	52.0	54.0	54.7	56.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3	57.3	57.3	57.7	57.7
GE 12000	53.7	55.7	56.3	57.7	58.7	58.7	58.7	58.7	59.0	59.0	59.0	59.0	59.0	59.0	59.3	59.3
GE 10000	55.0	57.0	57.7	59.3	60.3	60.3	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.7	61.7
GE 9000	55.7	58.0	58.7	60.3	61.3	61.3	62.0	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.7	62.7
GE 8000	57.3	60.0	60.7	62.3	63.3	63.3	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.7	64.7
GE 7000	59.7	62.3	63.0	64.7	65.7	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	67.0	67.0
GE 6000	60.7	63.7	64.3	66.3	67.7	67.7	68.3	68.3	68.7	68.7	68.7	68.7	68.7	68.7	69.0	69.0
GE 5000	62.0	65.7	66.7	68.7	70.0	70.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.7	71.7
GE 4500	63.7	67.3	68.3	70.7	72.0	72.0	73.0	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.7	73.7
GE 4000	64.0	68.3	69.3	71.7	73.7	73.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.7	75.7
GE 3500	64.7	69.0	70.0	72.3	74.3	74.3	75.3	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.3	76.3
GE 3000	67.0	71.3	72.3	74.7	76.7	76.7	78.0	78.0	78.7	78.7	78.7	78.7	78.7	78.7	79.0	79.0
GE 2500	67.3	72.0	73.0	75.7	77.7	78.0	79.3	79.3	80.0	80.0	80.0	80.0	80.0	80.0	80.3	80.3
GE 2000	68.3	73.7	75.0	77.7	80.0	80.3	81.7	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.7	82.7
GE 1800	69.0	74.3	75.7	78.3	80.7	81.0	82.3	82.3	83.0	83.3	83.3	83.3	83.3	83.3	83.7	83.7
GE 1500	69.3	75.0	76.3	79.0	81.7	82.0	83.3	83.3	84.0	84.3	84.3	84.3	84.3	84.3	84.7	84.7
GE 1200	70.0	75.7	77.0	79.7	83.0	83.3	84.7	85.0	85.7	86.0	86.0	86.0	86.0	86.0	86.3	86.3
GE 1000	71.0	76.7	78.0	80.7	84.0	84.3	85.7	86.0	86.7	87.0	87.0	87.0	87.0	87.0	87.3	87.3
GE 900	71.0	76.7	78.0	81.0	84.3	84.7	86.0	86.3	87.0	87.3	87.3	87.7	87.7	87.7	88.0	88.0
GE 800	71.0	77.0	78.3	81.3	85.3	85.7	87.0	87.3	88.0	88.3	88.3	88.7	88.7	88.7	89.0	89.0
GE 700	71.7	78.0	79.3	82.3	86.3	86.7	88.0	88.3	89.3	89.7	89.7	90.0	90.0	90.0	90.3	90.3
GE 600	72.0	78.7	80.0	83.3	87.3	87.7	89.0	89.3	90.3	90.7	90.7	91.0	91.0	91.0	91.3	91.3
GE 500	72.0	78.7	80.0	83.7	88.0	88.3	90.3	91.0	92.3	92.7	92.7	93.0	93.0	93.0	93.3	93.3
GE 400	72.0	79.0	80.3	83.7	88.7	89.0	91.0	91.7	93.0	93.3	93.7	94.0	94.0	94.0	94.3	94.3
GE 300	72.3	79.3	80.7	84.0	89.3	89.7	92.0	92.7	94.3	95.3	95.7	96.3	96.3	96.3	97.0	97.0
GE 200	72.3	79.3	80.7	84.0	89.7	90.3	92.7	93.3	95.0	96.7	97.3	98.0	98.7	98.7	99.3	99.3
GE 100	72.3	79.3	80.7	84.0	89.7	90.3	92.7	93.3	95.0	96.7	97.3	98.0	98.7	98.7	99.3	99.3
GE 000	72.3	79.3	80.7	84.0	89.7	90.3	92.7	93.3	95.0	96.7	97.3	98.0	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	51.1	52.5	53.4	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 20000	55.6	57.2	58.2	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	55.6	57.2	58.2	58.8	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	55.7	57.3	58.3	58.9	59.1	59.1	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 14000	56.4	58.0	59.0	59.5	59.8	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	57.5	59.1	60.2	60.9	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 10000	59.9	61.4	62.5	63.2	63.4	63.5	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	61.4	63.0	64.1	64.8	65.0	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	62.8	64.3	65.7	66.7	66.9	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 7000	63.7	65.2	66.6	67.6	67.8	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 6000	64.4	66.1	67.4	68.5	68.7	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 5000	65.7	67.6	68.9	70.0	70.2	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
GE 4500	66.8	68.7	70.0	71.1	71.5	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	68.0	70.1	71.6	72.7	73.1	73.5	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	68.5	70.6	72.0	73.1	73.6	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	70.0	72.2	74.0	75.3	75.9	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 2500	71.0	73.5	75.3	76.7	77.5	77.8	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2000	71.8	74.4	76.1	77.8	78.6	78.9	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 1800	72.5	75.0	76.8	78.5	79.4	79.7	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 1500	74.0	76.6	78.7	80.4	81.5	81.8	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5
GE 1200	75.4	77.9	80.2	81.8	82.9	83.3	83.9	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
GE 1000	76.5	79.0	81.4	83.1	84.3	84.7	85.4	85.6	85.6	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 900	76.7	79.3	81.8	83.7	85.1	85.5	86.2	86.4	86.4	86.7	86.8	86.8	86.8	86.8	86.8	86.8
GE 800	77.8	80.7	83.3	85.3	86.6	87.1	87.7	88.0	88.0	88.3	88.4	88.4	88.4	88.4	88.4	88.4
GE 700	78.8	81.9	84.5	86.6	88.3	88.7	89.4	89.7	89.7	90.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	79.6	83.1	85.6	88.1	90.0	90.5	91.4	91.9	91.9	92.3	92.4	92.4	92.4	92.4	92.4	92.4
GE 500	79.9	83.5	86.3	89.0	91.0	91.6	92.9	93.4	93.5	94.0	94.1	94.1	94.1	94.1	94.1	94.1
GE 400	80.3	84.1	87.0	89.7	91.8	92.5	93.8	94.8	95.2	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 300	80.6	84.5	87.7	90.6	93.1	94.0	95.4	96.7	97.3	97.9	98.3	98.6	98.6	98.6	98.6	98.6
GE 200	80.6	84.5	87.7	90.6	93.1	94.1	95.7	97.2	97.9	98.7	99.3	99.6	99.6	99.6	99.6	99.7
GE 100	80.6	84.5	87.7	90.6	93.1	94.1	95.7	97.2	97.9	98.7	99.3	99.7	99.7	99.7	99.7	99.8
GE 000	80.6	84.5	87.7	90.6	93.1	94.1	95.7	97.2	97.9	98.7	99.3	99.7	99.7	99.7	99.7	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 20000	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 18000	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 16000	58.4	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 14000	59.2	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 12000	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 10000	62.2	62.9	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 9000	63.0	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 8000	65.1	65.9	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 7000	66.4	67.3	67.8	67.8	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	67.1	68.0	68.5	68.5	68.5	68.5	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	67.9	68.8	69.2	69.2	69.3	69.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 4500	68.6	69.5	70.0	70.1	70.2	70.2	70.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	70.8	71.7	72.2	72.7	72.9	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3500	71.8	72.8	73.4	73.8	74.0	74.0	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3000	73.9	75.0	75.7	76.1	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 2500	76.3	77.5	78.3	78.8	79.3	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	78.8	80.0	80.8	81.4	82.1	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 1800	79.8	81.0	81.8	82.4	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	81.7	83.4	84.3	85.1	85.8	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 1200	83.7	85.4	86.7	87.5	88.3	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1000	84.9	86.8	88.5	89.4	90.3	90.3	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 900	85.5	87.4	89.2	90.2	91.1	91.1	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 800	86.0	88.0	89.9	91.0	92.2	92.2	92.5	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 700	86.3	88.3	90.2	91.5	92.9	92.9	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 600	86.3	88.5	90.5	92.0	93.3	93.3	93.6	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 500	86.3	88.5	90.5	92.0	93.6	94.2	94.6	95.3	95.4	95.8	95.9	95.9	95.9	95.9	95.9	95.9
GE 400	86.7	89.0	91.2	92.8	94.4	95.1	96.0	96.9	97.2	97.9	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	86.8	89.1	91.3	93.1	94.8	95.4	96.7	97.5	97.9	98.7	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	86.8	89.1	91.3	93.1	94.9	95.7	97.2	98.1	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.8	89.1	91.3	93.1	94.9	95.7	97.2	98.1	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.8	89.1	91.3	93.1	94.9	95.7	97.2	98.1	98.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 20000	59.2	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 18000	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 16000	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 14000	60.5	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 12000	63.2	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 10000	66.4	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 9000	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 8000	69.5	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 7000	71.6	72.5	72.5	72.7	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 6000	73.1	74.0	74.0	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 5000	73.7	74.6	74.6	75.0	75.0	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 4500	74.5	75.4	75.4	75.8	75.8	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 4000	76.5	77.4	77.5	77.9	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	77.9	78.8	78.9	79.2	79.2	79.3	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	79.9	80.8	81.3	81.8	81.9	82.0	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 2500	81.5	82.5	83.2	83.6	83.9	84.1	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 2000	83.6	84.6	85.3	85.8	86.0	86.2	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1800	84.2	85.2	85.9	86.3	86.5	86.8	87.1	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 1500	85.8	86.9	87.5	88.0	88.2	88.4	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 1200	86.4	87.5	88.3	88.8	89.1	89.3	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1000	87.0	88.1	89.1	89.8	90.1	90.3	90.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 900	87.1	88.3	89.3	90.1	90.4	90.7	91.1	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.5
GE 800	87.3	88.8	89.8	90.8	91.5	91.8	92.2	92.5	92.5	92.7	92.7	92.7	92.7	92.8	92.8	92.8
GE 700	87.9	89.4	90.4	91.4	92.4	93.1	93.5	93.9	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
GE 600	88.0	89.7	90.7	91.7	93.1	94.1	94.5	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3
GE 500	88.1	89.8	90.8	91.8	93.7	94.8	95.3	96.0	96.4	96.9	97.0	97.0	97.1	97.1	97.1	97.1
GE 400	88.1	89.8	90.8	91.8	93.7	95.4	96.6	97.6	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9
GE 300	88.3	90.0	91.1	92.1	94.0	95.8	96.9	97.9	98.7	99.1	99.3	99.3	99.4	99.4	99.4	99.4
GE 200	88.3	90.0	91.1	92.1	94.0	95.8	96.9	97.9	98.9	99.3	99.6	99.6	99.7	99.7	99.7	99.7
GE 100	88.3	90.0	91.1	92.1	94.0	95.8	96.9	97.9	98.9	99.3	99.6	99.6	99.7	99.7	99.8	100.0
GE 000	88.3	90.0	91.1	92.1	94.0	95.8	96.9	97.9	98.9	99.3	99.6	99.6	99.7	99.7	99.8	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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	56.3	57.0	57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.4
GE 20000	61.8	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.1
GE 18000	62.3	63.0	63.3	63.4	63.4	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.7
GE 16000	62.4	63.1	63.4	63.6	63.6	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.8
GE 14000	63.3	64.0	64.3	64.4	64.4	64.4	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.7
GE 12000	65.0	65.7	66.1	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.4
GE 10000	67.4	68.1	68.6	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 9000	68.3	69.0	69.4	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.8
GE 8000	71.4	72.1	72.6	72.7	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.9
GE 7000	73.1	73.8	74.2	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.6
GE 6000	74.1	74.8	75.3	75.7	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.9
GE 5000	75.3	76.0	76.6	77.0	77.0	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.3
GE 4500	76.1	76.8	77.3	77.9	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2
GE 4000	77.8	78.6	79.1	79.8	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.1
GE 3500	79.0	79.9	80.6	81.2	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.6
GE 3000	81.7	82.6	83.3	84.0	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.6
GE 2500	83.2	84.1	85.0	85.9	86.3	86.4	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 2000	84.4	85.3	86.2	87.1	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 1800	85.3	86.2	87.1	88.0	88.6	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	89.0
GE 1500	86.1	87.1	88.0	88.9	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.9
GE 1200	86.7	87.7	88.7	89.7	90.2	90.3	90.4	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.7
GE 1000	87.3	88.3	89.4	90.7	91.3	91.4	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.8
GE 900	87.4	88.4	89.6	90.8	91.4	91.6	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.9
GE 800	87.4	88.6	89.8	91.2	92.1	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.6
GE 700	87.6	88.7	90.0	91.4	92.4	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.0
GE 600	88.0	89.1	90.4	91.9	93.2	93.4	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8	93.9
GE 500	88.3	89.6	91.0	92.7	94.4	95.1	95.3	95.6	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.1
GE 400	88.3	89.7	91.1	92.8	94.7	95.8	96.6	96.9	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9
GE 300	88.3	89.7	91.1	93.0	94.9	96.0	96.8	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.9	99.0
GE 200	88.3	89.7	91.1	93.0	94.9	96.1	96.9	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.6
GE 100	88.3	89.7	91.1	93.0	94.9	96.1	96.9	97.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	100.0
GE 000	88.3	89.7	91.1	93.0	94.9	96.1	96.9	97.7	99.0	99.3	99.7	99.7	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.7	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	62.0	62.7	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 18000	62.3	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	62.3	63.0	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	63.0	63.7	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 12000	63.7	64.3	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 10000	66.7	67.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	67.3	68.0	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 8000	70.3	71.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	72.0	72.7	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 6000	73.0	73.7	75.0	75.0	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 5000	74.0	74.7	76.0	76.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 4500	76.0	76.7	78.0	78.0	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 4000	77.7	78.3	79.7	79.7	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 3500	79.0	79.7	81.0	81.0	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	80.7	81.3	82.7	82.7	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2500	82.0	82.7	84.0	84.0	86.3	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	83.0	83.7	85.0	85.0	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 1800	83.3	84.0	85.3	85.3	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1500	84.3	85.0	86.7	86.7	89.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 1200	84.3	85.0	87.0	87.0	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	85.3	86.0	88.0	88.0	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 900	85.3	86.0	88.0	88.0	90.7	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 800	86.3	87.0	89.3	89.7	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 700	86.7	87.3	89.7	90.0	94.0	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 600	86.7	87.3	90.0	90.3	94.3	94.7	95.0	95.0	95.0	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	86.7	87.3	90.0	90.3	95.0	95.3	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	86.7	87.3	90.0	90.3	95.3	95.7	96.0	96.0	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 300	86.7	87.3	90.0	90.3	95.3	95.7	96.0	96.3	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.0
GE 200	86.7	87.3	90.0	90.3	95.3	95.7	96.3	97.0	97.7	98.3	98.7	98.7	98.7	98.7	98.7	98.7
GE 100	86.7	87.3	90.0	90.3	95.3	95.7	96.7	97.3	98.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0
GE 000	86.7	87.3	90.0	90.3	95.3	95.7	96.7	97.3	98.0	99.0	99.3	99.3	99.3	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	52.3	53.0	53.3	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 20000	58.3	59.2	59.6	59.9	60.0	60.0	60.0	60.0	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	58.7	59.6	60.0	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	58.7	59.6	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.5
GE 14000	59.5	60.4	60.8	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3
GE 12000	61.0	61.9	62.4	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	62.9
GE 10000	63.5	64.5	65.0	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.6
GE 9000	64.5	65.4	65.9	66.2	66.3	66.4	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.6
GE 8000	66.7	67.8	68.4	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1
GE 7000	68.3	69.4	70.0	70.4	70.5	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.8	70.8
GE 6000	69.3	70.4	71.1	71.6	71.8	71.8	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.1
GE 5000	70.3	71.5	72.2	72.7	73.0	73.1	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.4	73.4
GE 4500	71.3	72.5	73.2	73.8	74.1	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.5	74.5
GE 4000	72.9	74.3	75.0	75.7	76.1	76.2	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.6
GE 3500	73.9	75.3	76.1	76.8	77.2	77.3	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7
GE 3000	76.0	77.5	78.4	79.2	79.8	79.9	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4
GE 2500	77.5	79.1	80.2	81.1	81.8	82.0	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.5	82.5
GE 2000	79.1	80.8	81.8	82.8	83.6	83.8	84.1	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 1800	79.8	81.5	82.6	83.5	84.4	84.5	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1500	81.2	83.0	84.2	85.2	86.1	86.3	86.7	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 1200	82.2	84.0	85.4	86.4	87.5	87.6	88.1	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 1000	83.1	85.0	86.5	87.7	88.8	89.0	89.4	89.6	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	83.3	85.2	86.8	88.1	89.2	89.4	89.9	90.1	90.1	90.2	90.2	90.2	90.3	90.3	90.3	90.3
GE 800	83.8	85.9	87.6	89.0	90.4	90.6	91.0	91.2	91.3	91.4	91.4	91.5	91.5	91.5	91.5	91.5
GE 700	84.3	86.5	88.2	89.7	91.3	91.7	92.1	92.3	92.4	92.6	92.6	92.6	92.6	92.6	92.7	92.7
GE 600	84.6	86.9	88.7	90.3	92.2	92.6	93.1	93.4	93.6	93.8	93.8	93.8	93.9	93.9	93.9	93.9
GE 500	84.8	87.1	89.0	90.7	92.9	93.6	94.3	94.8	95.1	95.4	95.5	95.6	95.6	95.6	95.6	95.6
GE 400	84.9	87.4	89.3	91.1	93.4	94.4	95.4	96.1	96.7	97.1	97.3	97.4	97.4	97.4	97.4	97.4
GE 300	85.1	87.6	89.6	91.5	93.9	94.9	96.1	97.0	97.8	98.3	98.6	98.7	98.7	98.7	98.8	98.8
GE 200	85.1	87.6	89.6	91.5	94.0	95.1	96.4	97.4	98.3	99.0	99.4	99.5	99.5	99.5	99.6	99.6
GE 100	85.1	87.6	89.6	91.5	94.0	95.1	96.4	97.4	98.3	99.0	99.5	99.6	99.7	99.7	99.8	99.9
GE 000	85.1	87.6	89.6	91.5	94.0	95.1	96.4	97.4	98.3	99.0	99.5	99.6	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	38.8	41.3	43.1	44.1	47.0	47.0	47.3	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 20000	42.3	45.6	47.7	48.8	51.6	51.6	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.7
GE 18000	42.3	45.6	47.7	48.8	51.6	51.6	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.7
GE 16000	42.3	45.6	47.7	48.8	51.6	51.6	52.0	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.7
GE 14000	43.8	47.0	49.5	50.5	53.4	53.4	53.7	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.4
GE 12000	45.2	48.8	51.6	52.7	55.5	55.5	55.9	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.6
GE 10000	47.7	51.6	54.4	55.9	59.1	59.1	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	60.1
GE 9000	49.1	53.0	55.9	57.3	60.5	60.5	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.6
GE 8000	50.5	54.4	57.3	58.7	61.9	61.9	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	63.0
GE 7000	51.6	55.9	58.7	60.1	63.3	63.3	63.7	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.4
GE 6000	52.0	56.6	59.4	60.9	64.1	64.1	64.4	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.1
GE 5000	53.4	58.0	60.9	62.3	65.5	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.5
GE 4500	53.4	58.0	60.9	62.3	65.5	65.5	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.5
GE 4000	54.1	58.7	61.6	63.0	66.2	66.2	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	67.3
GE 3500	54.4	59.1	61.9	63.3	66.5	66.5	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.6
GE 3000	56.2	60.9	63.7	65.1	68.3	68.3	68.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.4
GE 2500	58.7	63.3	66.2	67.6	70.8	71.2	71.5	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.2
GE 2000	60.5	65.1	68.0	69.4	72.6	73.0	73.3	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	74.0
GE 1800	60.9	65.5	68.3	69.8	73.0	73.3	73.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.4
GE 1500	63.0	68.0	71.2	72.6	75.8	76.2	76.5	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	77.2
GE 1200	65.8	71.2	74.4	76.2	79.7	80.1	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	81.1
GE 1000	66.5	72.6	76.2	78.3	81.9	82.2	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.3
GE 900	66.5	72.6	76.2	78.6	82.9	83.3	83.6	84.0	84.0	84.7	84.7	84.7	84.7	84.7	84.7	85.1
GE 800	68.0	74.0	77.6	80.1	85.1	85.4	85.8	86.1	86.1	86.8	86.8	86.8	86.8	86.8	86.8	87.2
GE 700	68.0	74.0	77.9	80.4	85.4	85.8	86.5	86.8	87.2	87.9	87.9	87.9	87.9	87.9	87.9	88.3
GE 600	68.7	75.1	79.0	82.6	87.9	88.3	89.0	89.3	89.7	90.4	90.4	90.4	90.4	90.4	90.4	90.7
GE 500	69.4	75.8	79.7	83.6	89.0	89.3	90.0	90.7	91.1	91.8	91.8	91.8	92.2	92.2	92.2	92.5
GE 400	69.4	75.8	79.7	83.6	89.7	90.4	91.8	93.2	93.6	94.3	94.3	94.3	94.7	94.7	94.7	95.0
GE 300	69.4	75.8	79.7	83.6	89.7	90.4	92.5	94.7	95.0	96.4	96.8	96.8	97.5	97.5	97.5	98.2
GE 200	69.4	75.8	79.7	83.6	89.7	90.4	92.5	95.0	95.7	97.2	98.2	98.2	98.9	99.3	99.3	100.0
GE 100	69.4	75.8	79.7	83.6	89.7	90.4	92.5	95.0	95.7	97.2	98.2	98.2	98.9	99.3	99.3	100.0
GE 000	69.4	75.8	79.7	83.6	89.7	90.4	92.5	95.0	95.7	97.2	98.2	98.2	98.9	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 281

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	43.9	46.0	47.0	47.8	48.3	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	48.9	51.5	52.8	53.6	54.3	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.9
GE 18000	49.3	52.0	53.4	54.2	54.9	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.5
GE 16000	49.6	52.2	53.6	54.4	55.2	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.8
GE 14000	50.2	52.8	54.3	55.2	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.5
GE 12000	51.2	53.9	55.4	56.2	56.9	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5
GE 10000	53.4	56.1	57.8	58.7	59.9	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6
GE 9000	54.0	56.7	58.4	59.3	60.5	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.2
GE 8000	56.0	58.7	60.4	61.3	62.5	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.2
GE 7000	57.7	60.4	62.0	63.0	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 6000	57.7	60.4	62.0	63.0	64.2	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.9
GE 5000	57.9	60.6	62.3	63.2	64.4	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.1
GE 4500	58.0	60.7	62.4	63.3	64.5	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.2
GE 4000	59.4	62.2	63.8	64.8	66.1	66.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.8
GE 3500	60.4	63.3	65.1	66.1	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1
GE 3000	61.8	64.9	67.0	68.0	69.3	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.0
GE 2500	62.0	65.2	67.4	68.3	69.8	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.5	70.5	70.5	70.6
GE 2000	64.2	67.5	69.6	70.6	72.0	72.5	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8
GE 1800	65.2	68.6	70.7	71.6	73.1	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.9
GE 1500	68.4	72.0	74.1	75.3	76.7	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.5	77.5	77.5	77.6
GE 1200	70.8	74.4	76.7	78.3	79.8	80.3	80.4	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.9
GE 1000	72.1	76.0	78.8	80.4	82.3	83.0	83.3	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.9
GE 900	72.6	76.7	79.7	81.6	83.7	84.6	84.8	85.2	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.5
GE 800	72.8	77.3	80.4	82.6	84.7	85.8	86.0	86.6	86.7	87.0	87.0	87.0	87.1	87.1	87.1	87.2
GE 700	73.9	78.6	82.0	84.1	87.0	88.3	88.6	89.2	89.3	89.6	89.6	89.6	89.7	89.7	89.7	89.8
GE 600	74.3	79.0	82.8	85.1	88.1	89.6	89.9	90.5	90.9	91.5	91.6	91.6	91.7	91.7	91.7	91.8
GE 500	74.4	79.1	83.2	85.6	89.1	90.9	91.7	92.5	92.9	93.6	93.8	93.8	94.1	94.1	94.1	94.2
GE 400	74.5	79.4	83.5	86.0	89.7	91.8	93.0	94.1	94.5	95.3	95.7	95.7	96.1	96.1	96.1	96.2
GE 300	74.5	79.4	83.6	86.1	90.2	92.3	93.8	95.1	95.8	96.9	97.4	97.4	97.7	97.9	97.9	98.0
GE 200	74.5	79.4	83.6	86.1	90.2	92.3	93.8	95.4	96.2	97.7	98.7	98.9	99.3	99.5	99.5	99.6
GE 100	74.5	79.4	83.6	86.1	90.2	92.3	94.0	95.5	96.3	97.9	98.8	99.1	99.4	99.6	99.6	100.0
GE 000	74.5	79.4	83.6	86.1	90.2	92.3	94.0	95.5	96.3	97.9	98.8	99.1	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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 CHIL	48.2	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 20000	55.0	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 18000	55.0	55.5	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	55.2	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 14000	55.8	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 12000	56.9	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 10000	58.3	59.0	59.3	59.3	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 9000	58.5	59.3	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 8000	60.7	61.7	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 7000	62.6	63.6	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	62.7	63.8	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 5000	63.7	64.8	65.0	65.0	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 4500	64.3	65.4	65.6	65.6	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 4000	66.2	67.3	67.5	67.5	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 3500	67.4	68.9	69.2	69.2	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 3000	69.3	71.1	71.3	71.3	71.8	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	71.3	73.1	73.5	73.6	74.0	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 2000	73.1	75.1	75.5	75.6	76.1	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 1800	75.0	77.1	77.5	77.7	78.2	78.3	78.3	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 1500	78.2	80.5	81.0	81.2	81.8	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1200	80.2	83.0	84.3	85.0	86.4	86.5	86.8	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 1000	81.1	83.8	85.4	86.5	88.5	88.7	88.9	89.0	89.3	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 900	81.5	84.5	86.2	87.5	89.5	89.8	90.1	90.2	90.5	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 800	82.4	85.4	87.1	88.7	91.0	91.4	91.8	91.9	92.1	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 700	83.0	86.2	88.0	89.8	92.3	92.9	93.2	93.5	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	83.6	86.8	88.6	90.6	93.5	94.3	94.8	95.0	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 500	84.0	87.4	89.5	91.8	95.1	96.2	96.8	97.1	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	84.2	87.6	89.8	92.0	95.4	96.4	97.3	97.7	98.3	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	84.2	87.6	89.8	92.0	95.5	96.7	97.5	98.0	98.6	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	84.2	87.6	89.8	92.0	95.5	96.7	97.5	98.0	98.6	99.4	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	84.2	87.6	89.8	92.0	95.5	96.7	97.5	98.0	98.6	99.4	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	84.2	87.6	89.8	92.0	95.5	96.7	97.5	98.0	98.6	99.4	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	49.0	49.2	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	55.1	55.2	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	55.5	55.6	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 16000	55.6	55.7	56.4	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	56.8	56.9	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
GE 12000	58.2	58.3	59.0	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 10000	60.6	60.7	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 9000	60.7	60.8	61.5	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 8000	61.7	61.8	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 7000	63.0	63.2	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 6000	63.8	64.0	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 5000	64.3	64.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4500	65.1	65.4	66.3	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
GE 4000	67.0	67.4	68.5	68.7	68.7	68.8	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	68.6	69.4	70.6	70.8	70.8	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	71.4	72.4	73.8	74.0	74.0	74.5	74.5	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 2500	75.0	76.2	77.6	78.0	78.0	78.5	78.5	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	78.0	79.4	80.8	81.5	81.8	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 1800	78.7	80.1	81.5	82.4	82.6	83.5	83.5	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 1500	80.4	81.8	83.5	84.3	85.0	86.1	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 1200	81.3	82.9	84.9	85.8	86.7	87.9	87.9	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	82.4	83.9	86.0	87.0	88.5	89.8	89.9	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 900	83.1	84.8	87.1	88.5	89.9	91.2	91.4	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	83.6	85.2	87.7	89.0	90.5	91.8	92.1	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 700	83.6	85.2	88.0	89.5	91.1	92.5	92.9	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 600	83.7	85.5	88.3	89.9	91.9	93.5	94.0	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 500	84.0	85.8	88.7	90.2	92.7	94.4	95.1	96.3	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8
GE 400	84.2	86.0	88.8	90.6	93.2	95.1	96.1	97.3	97.7	98.0	98.1	98.2	98.2	98.2	98.2	98.2
GE 300	84.2	86.0	88.8	90.6	93.3	95.2	96.2	97.6	98.2	99.0	99.2	99.3	99.3	99.3	99.3	99.3
GE 200	84.2	86.0	88.8	90.6	93.3	95.2	96.2	97.9	98.5	99.4	99.6	99.8	99.9	100.0	100.0	100.0
GE 100	84.2	86.0	88.8	90.6	93.3	95.2	96.2	97.9	98.5	99.4	99.6	99.8	99.9	100.0	100.0	100.0
GE 000	84.2	86.0	88.8	90.6	93.3	95.2	96.2	97.9	98.5	99.4	99.6	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	53.3	53.4	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	57.0	57.4	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 18000	57.0	57.4	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 16000	57.0	57.4	58.2	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 14000	57.5	57.8	58.7	58.8	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	60.1	60.4	61.3	61.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 10000	63.4	63.8	64.6	64.8	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 9000	63.9	64.3	65.1	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 8000	65.8	66.1	67.0	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 7000	66.3	66.6	67.5	67.6	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 6000	66.6	67.0	67.9	68.0	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 5000	67.0	67.4	68.2	68.4	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 4500	67.9	68.5	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
GE 4000	69.6	70.3	71.2	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 3500	71.1	72.1	73.1	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	74.0	75.0	76.1	76.6	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 2500	75.8	76.8	77.9	78.5	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 2000	77.6	78.7	80.0	80.7	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 1800	78.1	79.2	80.5	81.3	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1500	80.2	81.3	82.9	84.1	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 1200	81.0	82.4	84.4	85.8	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 1000	81.7	83.2	85.4	86.9	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 900	82.0	83.7	85.9	87.4	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 800	82.7	84.4	86.7	88.4	89.6	90.1	90.2	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 700	83.2	84.9	87.3	89.2	91.5	92.2	92.6	92.7	92.7	92.8	93.0	93.0	93.0	93.0	93.0	93.0
GE 600	83.2	85.0	87.6	90.0	92.2	93.0	93.7	94.1	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3
GE 500	83.2	85.0	87.8	90.1	92.5	93.2	94.3	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 400	83.3	85.2	87.9	90.2	92.7	93.7	95.1	96.3	96.9	97.0	97.2	97.2	97.2	97.2	97.2	97.2
GE 300	83.3	85.2	88.0	90.4	93.0	94.6	96.3	97.8	98.5	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 200	83.3	85.2	88.0	90.4	93.0	94.6	96.3	97.8	98.8	99.3	99.5	99.5	99.5	99.6	99.6	99.6
GE 100	83.3	85.2	88.0	90.4	93.0	94.6	96.3	97.8	98.8	99.3	99.5	99.5	99.6	99.8	100.0	100.0
GE 000	83.3	85.2	88.0	90.4	93.0	94.6	96.3	97.8	98.8	99.3	99.5	99.5	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 809

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	52.1	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 20000	56.3	57.0	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 18000	56.3	57.0	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 16000	56.3	57.0	57.4	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 14000	56.7	57.4	57.8	57.8	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 12000	60.5	61.2	61.6	61.6	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 10000	65.4	66.2	66.5	66.5	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 9000	65.8	66.5	66.9	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 8000	66.5	67.3	67.7	67.7	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 7000	67.7	68.4	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 6000	67.7	68.4	68.8	68.8	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	68.4	69.6	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 4500	68.8	70.3	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	70.0	71.5	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	71.5	73.0	73.4	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 3000	73.0	74.5	74.9	75.3	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 2500	75.3	76.8	77.2	77.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 2000	77.6	79.1	79.5	79.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1800	79.1	80.6	81.0	81.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1500	81.4	82.9	83.7	84.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 1200	83.7	85.2	85.9	86.3	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1000	84.0	85.6	86.7	87.1	88.6	88.6	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 900	84.0	85.6	86.7	87.5	89.4	89.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 800	84.0	85.9	87.1	88.2	90.1	90.1	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 700	84.8	86.7	87.8	89.0	90.9	91.3	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 600	84.8	86.7	88.2	89.7	92.0	92.4	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	84.8	86.7	88.6	90.1	92.8	93.2	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 400	85.2	87.5	89.4	91.3	93.9	94.3	95.8	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 300	85.2	87.5	90.1	92.0	94.7	95.1	97.0	97.7	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	85.2	87.5	90.1	92.0	94.7	95.1	97.3	98.5	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 100	85.2	87.5	90.1	92.0	94.7	95.1	97.3	98.5	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0
GE 000	85.2	87.5	90.1	92.0	94.7	95.1	97.3	98.5	99.2	99.2	99.6	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 263

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	48.1	48.9	49.5	49.8	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	53.3	54.3	55.2	55.5	55.9	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	53.5	54.5	55.4	55.7	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	53.6	54.6	55.5	55.8	56.2	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 14000	54.3	55.4	56.3	56.6	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 12000	56.0	57.1	58.0	58.3	58.8	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	59.0
GE 10000	58.5	59.7	60.7	61.0	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.9
GE 9000	58.9	60.1	61.1	61.5	62.1	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 8000	60.6	61.8	62.8	63.2	63.8	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	61.9	63.2	64.2	64.6	65.1	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.4
GE 6000	62.2	63.6	64.6	64.9	65.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	62.8	64.2	65.2	65.6	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.5
GE 4500	63.4	64.8	65.8	66.2	66.9	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.2
GE 4000	65.0	66.5	67.5	68.0	68.7	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	69.0
GE 3500	66.2	68.0	69.2	69.7	70.3	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.7
GE 3000	68.4	70.3	71.6	72.1	72.9	73.1	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 2500	70.4	72.4	73.7	74.3	75.1	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6
GE 2000	72.5	74.7	76.0	76.7	77.6	77.9	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1800	73.6	75.7	77.1	77.8	78.7	79.1	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.4
GE 1500	76.1	78.4	79.9	80.8	81.8	82.2	82.3	82.4	82.4	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 1200	77.8	80.3	82.2	83.3	84.7	85.1	85.2	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.6
GE 1000	78.7	81.3	83.5	84.8	86.5	87.0	87.3	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.7
GE 900	79.1	81.9	84.2	85.8	87.6	88.2	88.4	88.6	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 800	79.7	82.6	85.0	86.7	88.7	89.5	89.8	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.5
GE 700	80.2	83.2	85.8	87.6	90.1	91.0	91.4	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.3
GE 600	80.5	83.6	86.4	88.5	91.2	92.2	92.9	93.3	93.6	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 500	80.8	83.9	86.8	89.1	92.1	93.3	94.2	94.9	95.2	95.5	95.6	95.6	95.7	95.7	95.7	95.7
GE 400	80.9	84.1	87.0	89.4	92.6	94.0	95.1	96.1	96.6	97.0	97.2	97.2	97.3	97.3	97.3	97.4
GE 300	80.9	84.1	87.2	89.5	92.9	94.4	95.8	97.0	97.6	98.4	98.6	98.7	98.8	98.8	98.8	98.9
GE 200	80.9	84.1	87.2	89.5	92.9	94.4	95.8	97.2	97.9	98.8	99.4	99.4	99.6	99.7	99.8	99.8
GE 100	80.9	84.1	87.2	89.5	92.9	94.4	95.8	97.2	97.9	98.9	99.4	99.5	99.6	99.8	99.9	100.0
GE 000	80.9	84.1	87.2	89.5	92.9	94.4	95.8	97.2	97.9	98.9	99.4	99.5	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 3876

OPERATING LOCATION "A"
USAFETAC ASHEVILLE, NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724465

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 06-08

CEILING Feet	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.4	40.4	41.1	42.8	43.4	44.1	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 20000	43.1	45.1	46.5	48.1	48.8	49.5	49.5	49.5	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 18000	43.4	45.5	46.8	48.5	49.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	43.4	45.5	46.8	48.5	49.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	43.4	45.5	46.8	48.5	49.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 12000	45.8	47.8	49.2	50.6	51.5	52.2	52.5	52.5	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	47.8	49.8	51.2	52.9	53.9	54.5	54.9	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 9000	48.1	50.2	51.5	53.2	54.2	54.9	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 8000	49.8	51.9	53.9	55.	56.6	57.2	57.6	57.6	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 7000	50.8	52.9	54.9	56.6	57.6	58.2	58.6	58.6	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 6000	51.9	53.9	55.9	57.6	58.6	59.3	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 5000	52.2	54.5	56.6	58.2	59.3	59.9	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 4500	52.9	55.2	57.2	58.9	59.9	60.6	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 4000	53.9	56.2	58.2	59.9	60.9	61.6	62.3	62.3	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 3500	54.9	57.2	59.6	61.3	62.3	63.0	63.6	63.6	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 3000	56.2	59.6	62.3	64.0	65.0	65.7	66.3	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 2500	57.6	61.3	64.0	65.7	66.7	67.3	68.0	68.0	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 2000	58.9	62.6	65.3	67.3	68.4	69.0	69.7	69.7	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 1800	59.3	63.0	65.7	68.0	69.4	70.4	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 1500	61.6	65.7	68.4	71.0	72.7	73.7	74.7	74.7	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1200	63.0	67.7	70.4	73.4	75.4	76.4	77.4	77.4	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1000	63.6	68.4	71.4	75.1	77.1	78.5	79.5	79.5	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 900	64.0	68.7	71.7	75.4	77.4	78.8	79.8	79.8	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 800	65.0	69.7	73.1	76.8	78.8	80.5	81.5	81.5	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 700	65.3	70.0	73.7	77.4	79.8	81.5	82.8	82.8	83.2	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 600	65.7	70.7	74.7	79.1	81.8	83.5	85.5	85.5	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 500	65.7	71.0	75.4	79.8	82.5	84.5	86.9	86.9	87.9	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 400	65.7	71.0	75.4	79.8	82.5	85.2	88.2	88.9	89.9	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 300	66.0	71.4	75.8	80.1	82.8	85.9	88.9	89.9	91.6	92.3	92.6	92.6	92.9	92.9	92.9	92.9
GE 200	66.0	71.4	75.8	80.1	82.8	86.2	89.2	90.6	92.3	93.6	94.3	94.6	94.9	94.9	96.3	96.6
GE 100	66.0	71.4	75.8	80.1	82.8	86.2	89.2	90.6	92.3	93.9	94.6	94.9	95.6	96.0	97.6	99.0
GE 000	66.0	71.4	75.8	80.1	82.8	86.2	89.2	90.6	92.3	93.9	94.6	94.9	95.6	96.0	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 297

D - 2 - 78

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HCURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.6	43.4	43.6	44.1	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6
GE 20000	45.9	48.5	48.9	49.4	49.9	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	46.3	49.0	49.3	49.9	50.4	50.4	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 16000	46.5	49.2	49.6	50.1	50.7	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 14000	47.4	50.1	50.6	51.1	51.7	51.7	51.8	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 12000	49.0	51.7	52.1	52.8	53.4	53.5	53.6	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 10000	51.3	54.0	54.5	55.3	55.8	55.9	56.0	56.3	56.3	56.4	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	52.6	55.3	55.8	56.6	57.2	57.3	57.4	57.6	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8
GE 8000	54.3	57.3	58.3	59.1	59.6	59.7	59.8	60.1	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	54.7	57.7	58.7	59.6	60.2	60.3	60.4	60.7	60.7	60.9	61.0	61.0	61.0	61.0	61.0	61.0
GE 6000	55.1	58.2	59.2	60.1	60.6	60.9	61.0	61.3	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5
GE 5000	55.9	59.1	60.1	61.0	61.5	61.7	61.9	62.2	62.2	62.3	62.4	62.4	62.4	62.4	62.4	62.4
GE 4500	56.7	59.8	60.9	61.7	62.3	62.5	62.6	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	56.9	60.1	61.1	62.1	62.6	62.9	63.0	63.4	63.4	63.5	63.6	63.6	63.6	63.6	63.6	63.6
GE 3500	57.6	61.0	62.0	63.2	63.8	64.0	64.1	64.5	64.5	64.7	64.8	64.8	64.8	64.8	64.8	64.8
GE 3000	59.3	62.8	64.0	65.2	65.9	66.1	66.2	66.7	66.7	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 2500	60.0	63.6	64.9	66.2	67.0	67.2	67.4	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1
GE 2000	61.1	64.9	66.1	67.6	68.3	68.6	68.9	69.4	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 1800	62.1	66.1	67.3	68.9	69.7	69.9	70.2	70.8	70.8	71.0	71.1	71.1	71.1	71.1	71.1	71.1
GE 1500	64.5	68.8	70.0	71.9	72.7	73.0	73.5	74.2	74.3	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 1200	66.1	70.8	72.4	74.4	75.5	76.1	76.5	77.2	77.3	77.6	77.7	77.7	77.9	77.9	77.9	77.9
GE 1000	67.7	72.6	74.4	76.5	78.0	78.6	79.1	79.9	80.0	80.3	80.4	80.4	80.5	80.5	80.5	80.5
GE 900	67.7	72.6	74.5	76.6	78.2	78.9	79.3	80.1	80.2	80.5	80.6	80.6	80.8	80.8	80.8	80.8
GE 800	67.9	72.8	74.8	77.1	78.9	79.8	80.3	81.2	81.4	81.8	81.9	81.9	82.0	82.0	82.0	82.0
GE 700	68.3	73.5	76.0	78.5	80.5	81.5	82.2	83.2	83.4	83.9	84.1	84.1	84.3	84.3	84.3	84.3
GE 600	68.5	74.0	76.8	79.6	81.9	83.2	84.3	85.6	85.8	86.4	86.7	86.7	86.9	86.9	86.9	86.9
GE 500	68.6	74.2	77.2	80.8	83.2	84.9	86.5	88.4	88.6	89.1	89.8	89.8	90.0	90.0	90.0	90.0
GE 400	68.6	74.2	77.2	80.8	83.4	85.7	87.9	90.3	90.7	91.3	92.1	92.1	92.3	92.3	92.3	92.3
GE 300	68.7	74.3	77.3	80.9	83.7	86.0	88.8	91.3	92.3	93.1	94.3	94.4	94.9	95.0	95.0	95.0
GE 200	68.7	74.3	77.3	80.9	83.8	86.2	89.4	91.9	93.0	94.2	96.1	96.4	97.0	97.4	97.4	97.8
GE 100	68.7	74.3	77.3	80.9	83.8	86.2	89.4	91.9	93.0	94.2	96.2	96.6	97.3	97.9	98.4	100.0
GE 000	68.7	74.3	77.3	80.9	83.8	86.2	89.4	91.9	93.0	94.2	96.2	96.6	97.3	97.9	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.2	44.1	44.7	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
GE 20000	48.9	50.1	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 18000	49.5	50.6	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 16000	49.7	50.8	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 14000	51.0	52.1	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	53.4	54.5	55.3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 10000	55.1	56.3	57.3	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 9000	56.2	57.4	58.5	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	57.9	59.2	60.2	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 7000	59.0	60.5	61.7	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 6000	59.2	60.7	62.0	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 5000	60.4	61.8	63.2	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	60.7	62.2	63.5	64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	61.1	62.6	64.2	65.1	65.1	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 3500	61.9	63.5	65.1	66.0	66.0	66.0	66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 3000	64.1	65.6	67.2	68.1	68.1	68.1	68.2	68.2	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 2500	65.7	67.3	69.0	70.2	70.3	70.3	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 2000	67.4	69.2	71.1	72.5	72.7	72.7	72.9	73.1	73.1	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1800	68.5	70.7	72.7	74.1	74.4	74.4	74.5	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 1500	71.3	73.8	76.0	77.6	77.9	78.1	78.4	78.6	78.7	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 1200	73.6	76.0	78.7	80.3	80.9	81.1	81.4	81.6	81.7	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 1000	74.4	77.2	80.0	81.5	82.3	82.8	83.1	83.3	83.4	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 900	74.7	77.5	80.4	82.1	83.1	83.5	83.9	84.1	84.2	84.5	84.7	84.7	84.7	84.7	84.7	84.7
GE 800	75.1	78.3	81.5	83.4	84.4	84.9	85.2	85.4	85.6	85.9	86.0	86.0	86.1	86.1	86.1	86.1
GE 700	75.1	78.6	82.2	84.2	85.7	86.5	87.2	87.5	87.7	88.1	88.2	88.2	88.4	88.4	88.4	88.4
GE 600	75.4	78.8	82.8	85.1	86.9	87.7	88.7	89.0	89.2	89.7	89.8	89.8	90.0	90.0	90.0	90.0
GE 500	76.0	79.6	83.8	86.3	88.4	89.5	90.9	91.4	91.7	92.3	92.4	92.4	92.6	92.6	92.6	92.6
GE 400	76.1	79.7	83.9	86.7	89.0	90.6	92.4	93.2	93.6	94.3	94.7	94.8	95.1	95.2	95.2	95.2
GE 300	76.1	79.7	83.9	86.8	89.4	91.0	93.2	94.1	94.7	95.6	96.3	96.4	96.8	96.9	97.2	97.3
GE 200	76.1	79.7	83.9	86.8	89.4	91.0	93.3	94.6	95.6	96.9	97.8	97.9	98.4	98.8	99.2	99.6
GE 100	76.1	79.7	83.9	86.8	89.5	91.2	93.4	94.7	95.7	97.0	97.9	98.0	98.7	99.1	99.6	100.0
GE 000	76.1	79.7	83.9	86.8	89.5	91.2	93.4	94.7	95.7	97.0	97.9	98.0	98.7	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	48.1	48.9	49.2	49.3	49.5	49.5	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	52.5	53.3	53.6	53.7	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 18000	53.0	53.8	54.3	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	53.4	54.2	54.6	54.7	55.0	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 14000	54.5	55.3	55.8	55.9	56.1	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	57.4	58.4	58.8	58.9	59.1	59.1	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	59.7	60.6	61.1	61.2	61.4	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 9000	59.9	60.8	61.3	61.4	61.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	62.0	63.0	63.4	63.5	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 7000	63.8	64.9	65.5	65.7	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 6000	64.2	65.3	65.9	66.1	66.6	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 5000	65.0	66.3	66.8	67.0	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 4500	65.3	66.6	67.2	67.4	67.8	67.8	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
GE 4000	66.0	67.4	68.1	68.3	68.8	68.8	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3500	66.7	68.1	68.7	69.0	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3000	69.0	70.3	71.0	71.2	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 2500	71.9	73.4	74.0	74.4	75.1	75.1	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
GE 2000	73.9	75.4	76.1	76.4	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 1800	75.2	76.9	77.8	78.1	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1500	76.2	78.1	79.2	79.8	80.6	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 1200	78.1	80.5	81.7	82.3	83.4	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 1000	78.3	80.9	82.5	83.1	84.2	84.8	84.9	84.9	84.9	85.1	85.2	85.2	85.2	85.3	85.3	85.3
GE 900	78.4	81.0	82.8	83.4	84.7	85.4	85.7	85.7	85.7	85.9	86.0	86.0	86.0	86.1	86.1	86.1
GE 800	79.3	82.2	84.3	85.1	86.3	87.1	87.4	87.4	87.4	87.7	87.8	87.8	87.8	87.9	87.9	87.9
GE 700	79.5	82.5	84.8	85.9	87.5	88.3	88.5	88.5	88.5	88.9	89.2	89.2	89.2	89.3	89.3	89.3
GE 600	79.9	83.3	86.0	87.2	89.3	90.1	90.3	90.4	90.4	91.1	91.4	91.5	91.6	91.8	91.8	91.8
GE 500	80.1	83.5	86.6	88.1	90.6	91.6	92.1	92.7	92.7	93.3	93.8	93.9	94.0	94.2	94.4	94.4
GE 400	80.1	83.5	86.6	88.3	90.7	91.9	92.3	93.0	93.0	93.9	94.5	94.8	94.9	95.4	95.5	95.5
GE 300	80.1	83.5	86.6	88.5	91.0	92.1	92.7	93.6	93.7	94.8	95.8	96.2	96.3	96.7	96.8	97.0
GE 200	80.1	83.5	86.6	88.5	91.0	92.1	92.8	93.9	94.5	95.7	97.0	97.6	98.1	98.5	98.8	99.0
GE 100	80.1	83.5	86.6	88.5	91.0	92.1	92.8	93.9	94.5	95.7	97.0	97.6	98.1	98.6	99.4	100.0
GE 000	80.1	83.5	86.6	88.5	91.0	92.1	92.8	93.9	94.5	95.7	97.0	97.6	98.1	98.6	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	50.3	50.5	50.8	51.1	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 20000	56.5	56.8	57.1	57.5	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 18000	56.6	56.9	57.3	57.6	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	56.9	57.1	57.5	57.9	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	57.5	57.8	58.1	58.5	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 12000	60.0	60.3	60.6	61.0	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 10000	62.0	62.8	63.1	63.5	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 9000	62.1	63.1	63.5	63.9	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 8000	63.6	64.6	65.0	65.4	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 7000	64.8	65.9	66.4	66.9	67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 6000	65.5	66.6	67.1	67.6	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 5000	65.9	67.0	67.5	68.0	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4500	66.0	67.1	67.6	68.1	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 4000	67.0	68.1	68.6	69.1	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 3500	68.1	69.3	69.8	70.3	70.6	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
GE 3000	71.0	72.3	72.8	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 2500	72.0	73.3	73.9	74.4	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 2000	74.4	75.8	76.4	76.9	77.4	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 1800	75.9	77.5	78.4	78.9	79.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 1500	77.4	79.1	80.0	80.5	81.0	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 1200	78.4	80.5	81.4	81.9	82.4	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 1000	79.0	81.1	82.0	82.5	83.1	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
GE 900	79.3	81.4	82.3	82.8	83.4	84.3	84.5	84.6	84.6	84.6	84.6	84.6	84.6	84.8	84.8	84.8
GE 800	79.8	82.1	83.0	83.5	84.9	85.9	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.6	86.6	86.6
GE 700	80.0	82.6	84.3	84.9	86.3	87.5	87.9	88.1	88.3	88.5	88.6	88.6	88.6	88.8	88.8	88.8
GE 600	80.0	83.0	84.8	85.5	87.1	88.6	89.4	89.8	90.0	90.5	90.6	90.6	90.6	90.8	90.8	90.8
GE 500	80.3	83.3	85.4	86.1	88.4	89.9	90.8	91.1	91.5	92.0	92.3	92.3	92.3	92.4	92.4	92.4
GE 400	80.3	83.4	85.8	86.5	89.0	90.8	91.9	92.5	93.0	93.5	93.8	93.8	93.9	94.0	94.0	94.0
GE 300	80.4	83.5	86.1	87.0	89.5	91.4	92.6	93.8	94.6	95.4	95.8	95.8	95.9	96.0	96.0	96.0
GE 200	80.4	83.5	86.1	87.0	89.5	91.4	92.9	94.3	95.1	96.0	96.4	96.4	96.9	97.0	97.1	97.1
GE 100	80.4	83.5	86.1	87.0	89.5	91.4	92.9	94.4	95.3	96.3	96.8	97.1	97.8	98.1	98.4	99.3
GE 000	80.4	83.5	86.1	87.0	89.5	91.4	92.9	94.4	95.3	96.3	96.8	97.1	97.8	98.1	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS 800

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	49.0	49.4	49.4	49.8	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 20000	53.8	54.2	54.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 18000	53.8	54.2	54.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 16000	53.8	54.2	54.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 14000	53.8	54.2	54.2	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 12000	56.6	57.0	57.0	57.4	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	60.6	61.0	61.0	61.4	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 9000	61.4	61.8	61.8	62.2	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 8000	63.7	64.1	64.1	64.5	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 7000	64.5	64.9	64.9	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 6000	64.5	64.9	64.9	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	65.3	65.7	65.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4500	65.3	65.7	65.7	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4000	66.1	66.5	66.5	66.9	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500	67.7	68.1	68.1	68.5	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 3000	70.5	70.9	70.9	71.3	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 2500	70.9	71.7	71.7	72.1	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 2000	73.7	74.9	75.3	76.1	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 1800	74.9	76.5	76.9	77.7	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 1500	76.1	78.1	78.5	79.7	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 1200	77.3	79.3	79.7	81.3	82.1	82.1	82.1	82.1	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 1000	77.7	79.7	80.5	82.1	82.9	82.9	82.9	82.9	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 900	78.5	80.5	81.3	82.9	83.7	84.1	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 800	79.3	81.7	82.9	84.5	85.3	85.7	85.7	85.7	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	79.7	82.1	83.3	84.9	85.7	86.1	86.1	86.1	86.5	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 600	79.7	82.5	84.1	86.1	86.9	87.3	87.3	87.3	87.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 500	79.7	83.3	84.9	86.9	88.8	89.6	89.6	89.6	90.0	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 400	79.7	83.3	84.9	86.9	89.6	90.4	90.4	90.8	91.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 300	79.7	83.3	84.9	86.9	90.4	91.6	92.4	93.2	93.6	94.4	94.8	95.2	95.2	95.2	95.2	95.2
GE 200	79.7	83.3	84.9	86.9	90.4	91.6	92.4	93.6	94.8	96.0	96.4	96.8	97.2	97.2	97.6	97.6
GE 100	79.7	83.3	84.9	86.9	90.4	91.6	92.4	94.0	95.2	96.4	96.8	97.2	97.6	97.6	98.0	99.2
GE 000	79.7	83.3	84.9	86.9	90.4	91.6	92.4	94.0	95.2	96.4	96.8	97.2	97.6	97.6	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 251

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
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	45.4	46.3	46.7	47.1	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 20000	50.4	51.7	52.1	52.5	52.8	52.9	52.9	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	50.8	52.1	52.5	52.9	53.3	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 16000	51.0	52.3	52.7	53.2	53.5	53.6	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 14000	51.9	53.1	53.6	54.1	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 12000	54.3	55.5	56.1	56.6	56.9	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 10000	56.5	57.8	58.4	59.0	59.3	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
GE 9000	57.1	58.6	59.2	59.7	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 8000	58.9	60.5	61.2	61.8	62.1	62.2	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5
GE 7000	60.0	61.6	62.5	63.1	63.5	63.6	63.7	63.8	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9
GE 6000	60.5	62.1	63.0	63.6	64.0	64.1	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 5000	61.2	62.9	63.8	64.5	64.9	65.0	65.1	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3
GE 4500	61.6	63.3	64.2	64.9	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
GE 4000	62.2	64.0	64.9	65.7	66.1	66.2	66.4	66.5	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	63.1	64.9	65.9	66.7	67.1	67.3	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 3000	65.3	67.2	68.3	69.1	69.6	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1
GE 2500	66.8	68.8	70.0	70.9	71.4	71.5	71.7	71.8	71.8	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 2000	68.6	70.8	72.0	73.0	73.5	73.7	73.9	74.1	74.1	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 1800	69.7	72.2	73.5	74.6	75.2	75.5	75.7	75.8	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 1500	71.7	74.4	75.8	77.0	77.7	78.1	78.3	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 1200	73.3	76.3	77.9	79.3	80.2	80.7	81.0	81.2	81.3	81.4	81.5	81.5	81.5	81.5	81.5	81.5
GE 1000	74.1	77.3	79.1	80.5	81.6	82.2	82.5	82.7	82.8	83.0	83.1	83.1	83.1	83.2	83.2	83.2
GE 900	74.3	77.5	79.4	80.9	82.0	82.7	83.1	83.3	83.4	83.7	83.7	83.7	83.7	83.8	83.8	83.8
GE 800	74.9	78.3	80.4	82.0	83.3	84.2	84.6	84.9	85.0	85.2	85.3	85.3	85.4	85.4	85.4	85.4
GE 700	75.1	78.7	81.2	83.0	84.6	85.6	86.1	86.4	86.6	87.0	87.2	87.2	87.2	87.3	87.3	87.3
GE 600	75.3	79.2	82.0	84.1	86.0	87.1	87.9	88.3	88.6	89.1	89.3	89.3	89.4	89.5	89.5	89.5
GE 500	75.6	79.6	82.7	85.0	87.3	88.7	89.8	90.5	90.8	91.4	91.7	91.7	91.9	91.9	92.0	92.0
GE 400	75.6	79.6	82.8	85.2	87.7	89.4	90.8	91.9	92.3	93.0	93.4	93.5	93.7	93.8	93.8	93.8
GE 300	75.7	79.7	82.9	85.4	88.1	89.9	91.6	92.9	93.6	94.5	95.3	95.4	95.7	95.8	95.9	96.0
GE 200	75.7	79.7	82.9	85.4	88.1	90.0	91.9	93.4	94.4	95.5	96.6	96.9	97.4	97.7	98.0	98.2
GE 100	75.7	79.7	82.9	85.4	88.1	90.0	91.9	93.5	94.5	95.7	96.8	97.2	97.8	98.2	98.8	99.7
GE 000	75.7	79.7	82.9	85.4	88.1	90.0	91.9	93.5	94.5	95.7	96.8	97.2	97.8	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.9	52.3	52.9	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	57.9	59.5	60.3	60.8	61.1	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	58.2	59.8	60.6	61.1	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7
GE 16000	58.4	59.9	60.7	61.3	61.6	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 14000	59.4	60.9	61.8	62.3	62.7	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 12000	61.0	62.6	63.5	64.1	64.4	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 10000	63.8	65.5	66.4	67.0	67.4	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 9000	64.5	66.3	67.2	67.9	68.2	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	67.1	68.9	69.9	70.6	71.0	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	68.4	70.3	71.3	72.1	72.5	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	69.3	71.3	72.3	73.1	73.6	73.7	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 5000	70.6	72.6	73.7	74.5	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	71.3	73.3	74.5	75.3	75.9	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	72.8	74.9	76.1	77.0	77.6	77.9	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.2	78.2
GE 3500	74.1	76.3	77.6	78.6	79.2	79.5	79.6	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	76.1	78.4	79.8	80.8	81.5	81.8	81.9	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 2500	77.6	80.1	81.5	82.5	83.3	83.6	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 2000	79.3	81.8	83.3	84.4	85.3	85.6	85.8	85.9	86.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	80.0	82.5	84.1	85.2	86.1	86.4	86.6	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	87.0
GE 1500	81.4	84.2	85.8	87.0	88.0	88.4	88.6	88.8	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
GE 1200	82.5	85.4	87.1	88.5	89.6	90.1	90.3	90.5	90.6	90.7	90.7	90.7	90.7	90.7	90.7	90.8
GE 1000	83.0	86.0	87.9	89.4	90.6	91.1	91.4	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
GE 900	83.2	86.3	88.2	89.8	91.1	91.6	91.9	92.2	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 800	83.6	86.7	88.8	90.4	91.8	92.5	92.8	93.1	93.3	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	83.8	87.0	89.2	91.0	92.5	93.2	93.7	94.0	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5
GE 600	84.0	87.3	89.6	91.5	93.2	94.0	94.6	95.0	95.3	95.5	95.6	95.6	95.7	95.7	95.7	95.7
GE 500	84.2	87.6	89.9	91.9	93.9	94.8	95.5	96.1	96.4	96.7	96.8	96.9	97.0	97.0	97.0	97.0
GE 400	84.2	87.7	90.0	92.1	94.2	95.3	96.1	96.9	97.3	97.7	97.9	97.9	98.0	98.0	98.1	98.1
GE 300	84.3	87.7	90.1	92.2	94.3	95.5	96.4	97.3	97.8	98.4	98.7	98.8	98.9	98.9	99.0	99.0
GE 200	84.3	87.7	90.1	92.2	94.4	95.5	96.5	97.4	98.0	98.6	99.1	99.2	99.4	99.5	99.6	99.7
GE 100	84.3	87.7	90.1	92.2	94.4	95.5	96.5	97.5	98.0	98.7	99.1	99.3	99.5	99.6	99.7	99.9
GE 000	84.3	87.7	90.1	92.2	94.4	95.5	96.5	97.5	98.0	98.7	99.1	99.3	99.5	99.6	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 49549

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	14.3	31.0	25.5	26.9	2.4	54.8	2.7	294
09-11	16.8	30.3	22.9	27.9	2.2	52.9	3.5	882
12-14	13.5	31.5	24.4	28.3	2.3	55.0	2.6	882
15-17	12.6	31.6	27.3	26.8	1.7	55.8	2.2	982
18-20	24.5	27.7	16.3	29.7	1.8	47.8	2.7	882
21-23	36.7	20.7	10.9	29.6	2.0	42.5	1.7	294
ALL HOURS	18.1	29.6	22.1	28.2	2.0	52.3	2.7	4116

MONTH: FEB HOURS: ALL

00-02								0
03-05								0
06-08	12.1	25.3	20.9	36.3	5.5	62.6	4.0	273
09-11	10.9	25.2	20.1	38.5	5.4	64.0	4.6	819
12-14	11.2	23.8	23.5	38.9	2.6	64.9	4.6	818
15-17	10.3	25.6	24.6	35.9	3.6	64.1	2.8	816
18-20	17.1	25.4	18.8	35.8	2.9	57.5	2.8	815
21-23	29.2	18.1	13.3	35.8	3.7	52.8	2.6	271
ALL HOURS	13.5	24.5	21.1	37.1	3.8	61.9	3.7	3812

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	10.0	26.1	26.5	35.2	2.3	63.9	3.9	310
09-11	9.9	27.8	24.1	37.4	.8	62.3	4.2	930
12-14	9.5	27.3	25.6	37.3	.3	63.2	1.6	930
15-17	8.9	25.7	25.5	39.1	.8	65.4	1.3	930
18-20	13.9	25.1	21.3	38.7	1.1	61.1	1.0	930
21-23	24.2	20.0	14.2	40.6	1.0	55.8	1.0	310
ALL HOURS	11.5	26.0	23.6	38.1	.9	62.5	2.1	4340

MONTH: APR HOURS: ALL

00-02								0
03-05								0
06-08	12.0	31.1	23.4	31.4	2.0	56.9	1.3	299
09-11	11.8	31.1	24.7	32.1	.3	57.1	1.2	900
12-14	7.7	33.0	28.6	30.3	.4	59.3	.7	900
15-17	7.1	33.7	27.7	31.2	.3	59.2	.7	900
18-20	9.2	35.4	26.3	29.0		55.3	.8	900
21-23	22.3	30.3	20.0	27.0	.3	47.3	1.3	300
ALL HOURS	10.1	32.9	26.1	30.5	.4	56.9	.9	4199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	12.0	24.0	27.0	36.7	.3	64.0	1.0	300
09-11	7.9	29.3	29.8	33.0		62.8	.8	900
12-14	4.4	27.3	37.8	30.3	.1	68.2	.2	900
15-17	4.2	29.1	38.6	28.1		66.7	.2	900
18-20	5.9	36.7	29.8	27.7		57.4	.4	900
21-23	16.0	35.0	19.7	29.0	.3	49.0		300
ALL HOURS	6.8	30.5	32.5	30.2	.1	62.7	.4	4200

MONTH: JUN HOURS: ALL

00-02								0
03-05								0
06-08	7.7	34.7	31.0	26.3	.3	57.7	2.3	300
09-11	5.8	38.6	31.3	24.3		55.7	.8	900
12-14	3.1	36.4	39.3	21.1		60.4	.4	900
15-17	4.8	37.2	39.2	18.7	.1	58.0	.1	900
18-20	7.2	38.8	31.9	22.0	.1	54.0	.2	900
21-23	13.0	41.0	23.3	22.3	.3	46.0		300
ALL HOURS	6.0	37.8	34.3	21.9	.1	56.3	.5	4200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	14.7	36.7	29.7	19.0		48.7	4.7	300
09-11	10.9	40.7	32.8	15.6	.1	48.4	1.4	900
12-14	5.2	44.2	39.2	11.3		50.6	.1	900
15-17	4.8	48.9	36.3	10.0		46.3	.8	900
18-20	11.9	50.2	27.5	10.1	.2	37.9	1.0	897
21-23	24.7	46.5	15.4	13.0	.3	28.8	1.0	299
ALL HOURS	9.8	45.4	32.3	12.4	.1	44.8	1.1	4196

MONTH: AUG HOURS: ALL

00-02								0
03-05								0
06-08	11.9	38.1	27.1	21.3	1.3	50.0	7.7	310
09-11	10.9	38.9	29.4	20.9		50.2	3.1	930
12-14	4.4	42.0	35.3	18.3		53.5	1.1	930
15-17	3.3	47.8	32.6	16.2		48.8	.9	930
18-20	11.9	50.1	25.8	12.2		38.0	.6	930
21-23	26.1	43.2	18.7	11.9		30.6	1.6	310
ALL HOURS	9.3	44.1	29.7	16.8	.1	46.6	1.9	4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBS	GT 1/2	PARTIAL OBS	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	18.7	33.9	24.6	22.5	.3	47.4	4.5	289
09-11	15.2	36.2	27.6	21.0		48.6	1.7	870
12-14	10.7	37.9	34.6	16.8		51.4	.1	870
15-17	10.0	41.4	34.4	14.3		48.6	.6	870
18-20	20.9	39.7	25.6	13.7	.1	39.4	.3	868
21-23	37.7	28.0	17.3	16.6	.3	34.3	.3	289
ALL HOURS	16.2	37.7	29.2	16.9	.1	46.1	.9	4056

MONTH: OCT HOURS: ALL

00-02								0
03-05								0
06-08	13.7	30.7	23.3	30.7	1.7	55.7	3.3	300
09-11	13.4	31.9	25.2	28.9	.7	54.7	1.9	897
12-14	11.9	30.0	29.0	29.0	.1	58.1	1.0	897
15-17	11.1	31.8	29.3	27.4	.4	57.1	.9	899
18-20	19.9	31.2	20.9	27.7	.3	48.9	1.3	900
21-23	30.3	23.7	17.3	27.7	1.0	46.0	2.0	300
ALL HOURS	15.2	30.6	25.3	28.4	.5	54.1	1.5	4193

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG-80 - JUL 90
MONTH: NOV HOURS:ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	12.5	28.5	23.8	33.8	1.4	59.1	4.6	281
09-11	11.6	31.4	20.8	35.0	1.2	56.9	4.5	843
12-14	9.0	32.1	22.7	35.8	.2	58.8	.8	840
15-17	8.6	32.4	26.5	32.3	.2	59.0	.8	840
18-20	21.6	26.8	18.3	32.6	.6	51.5	1.6	809
21-23	30.8	17.1	18.6	33.1	.4	52.1	1.1	263
ALL HOURS	13.9	29.6	22.0	33.9	.6	56.5	2.1	3876

MONTH: DEC HOURS: ALL

00-02								0
03-05								0
06-08	10.1	26.6	24.9	32.7	5.7	63.3	4.0	297
09-11	10.7	26.6	21.7	37.5	3.5	62.6	5.0	894
12-14	8.8	29.7	20.7	38.9	1.9	61.5	3.9	893
15-17	9.4	29.0	23.7	34.8	3.2	61.6	2.9	886
18-20	22.5	20.0	18.0	35.4	4.1	57.5	2.3	800
21-23	28.3	16.3	13.9	36.7	4.8	55.4	2.0	251
ALL HOURS	13.4	25.9	20.9	36.4	3.4	60.7	3.5	4021

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02								0
03-05								0
06-08	12.4	30.6	25.7	29.3	1.9	57.0	3.7	3553
09-11	11.3	32.4	25.9	29.3	1.1	56.3	2.7	10665
12-14	8.2	33.0	30.2	27.9	.6	58.7	1.4	10660
15-17	7.9	34.6	30.5	26.1	.8	57.5	1.2	10653
18-20	15.4	34.2	23.5	26.0	.9	50.4	1.2	10531
21-23	26.5	28.7	16.9	26.7	1.1	44.8	1.2	3487
ALL HOURS	11.9	33.0	26.7	27.4	1.0	55.1	1.8	49549

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

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

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

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

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

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

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

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 110							.3						.0
GE 105							1.6	.8					.2
GE 100						.5	5.6	3.3	.5				.8
GE 95						2.5	16.3	13.8	3.3				3.0
GE 90				.5	1.1	14.9	41.4	35.7	10.8	1.1			9.0
GE 85			.1	3.8	11.0	40.2	70.2	61.1	28.9	4.3			18.6
GE 80		.1	1.6	11.1	29.9	67.4	88.7	83.2	46.6	11.8	.6		28.8
GE 75		.3	5.6	22.7	52.1	86.1	96.6	94.4	67.1	25.9	1.6		38.3
GE 70	.3	1.9	12.5	37.7	70.4	95.1	99.3	98.5	82.7	43.6	8.3	.3	46.5
GE 65	1.1	5.0	22.0	53.2	84.5	98.4	99.8	99.9	93.1	60.1	18.5	2.5	53.8
GE 60	2.9	9.6	32.0	70.3	94.5	99.6	100.0	100.0	96.8	75.7	31.5	7.2	60.6
GE 55	9.6	16.5	42.7	81.5	98.2	100.0			98.9	88.8	44.6	14.3	66.8
GE 50	16.1	27.8	56.1	90.0	99.6				99.9	95.0	58.1	24.0	72.7
GE 45	28.0	37.7	69.1	96.0	100.0				100.0	98.7	72.2	36.7	78.6
GE 40	41.3	52.4	80.8	98.9						99.8	84.0	50.9	84.3
GE 35	53.9	65.8	89.9	99.6						100.0	93.1	67.5	89.4
GE 33	59.8	71.1	92.3	99.9							95.2	74.1	91.2
GE 30	68.7	77.9	96.1	99.9							97.3	82.1	93.6
GE 25	78.6	87.9	98.6	100.0							99.0	89.2	96.2
GE 20	87.6	95.1	99.6								99.8	93.8	98.0
GE 15	93.2	98.0	99.7								100.0	96.5	99.0
GE 10	97.2	99.2	100.0									98.5	99.6
GE 5	98.9	99.6										99.3	99.8
GE 0	99.8	100.0										99.6	100.0
GE -5	100.0											100.0	100.0
MEAN	35.8	40.7	52.4	65.3	74.0	82.2	87.9	86.4	78.4	67.3	52.4	40.1	63.9
SD	13.67	13.63	13.86	11.38	8.60	7.19	7.17	7.43	9.36	10.33	12.17	13.00	21.07
TOTAL OBS	1100	1009	1121	1110	1137	1110	1138	1116	1071	1106	1063	1102	13183

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
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						.1	1.8	.7					.2
GE 75						3.4	15.2	8.5	.7				2.4
GE 70				.2	1.5	17.5	51.1	37.6	9.8	.3			10.0
GE 65			.1	2.0	10.3	50.3	80.8	68.0	27.7	2.8			20.5
GE 60			.6	8.0	32.2	78.2	94.7	89.1	50.4	9.0	.9		30.7
GE 55	.1		3.3	18.4	58.5	93.9	98.6	97.1	70.6	24.8	3.8	.4	39.7
GE 50	.4	.7	6.3	34.2	79.2	98.6	99.7	99.6	86.8	42.2	8.5	1.4	47.1
GE 45	.7	2.1	14.6	54.1	90.7	99.9	100.0	100.0	96.0	61.0	17.4	2.5	53.9
GE 40	2.4	6.4	27.9	71.8	98.0	100.0			98.9	80.8	31.7	6.3	61.0
GE 35	8.2	17.4	45.0	86.6	99.7				99.9	92.5	50.0	15.0	68.4
GE 33	12.0	23.6	52.8	91.4	99.8				100.0	95.7	58.6	21.2	71.8
GE 30	22.5	34.8	66.2	96.0	100.0					98.4	70.4	35.4	77.4
GE 25	38.0	52.5	81.2	99.3						99.8	85.5	54.9	84.6
GE 20	53.0	65.4	91.0	99.9						100.0	93.8	71.1	89.7
GE 15	65.2	76.8	96.3	100.0							97.2	82.0	93.3
GE 10	74.9	86.8	98.7								99.1	88.8	95.8
GE 5	85.4	92.9	99.2								99.8	94.3	97.7
GE 0	93.1	97.0	99.6								100.0	96.9	98.9
GE -5	96.5	99.0	99.9									98.5	99.5
GE -10	99.5	100.0	100.0									99.4	99.9
GE -15	99.9											99.7	100.0
GE -20	100.0											99.8	100.0
GE -25												100.0	100.0
MEAN	18.9	23.6	33.5	45.5	55.5	64.1	69.1	67.0	59.0	47.6	34.8	24.3	45.5
SD	12.42	11.79	10.77	9.50	7.46	6.04	5.57	5.93	8.11	8.99	10.27	11.50	19.52
TOTAL OBS	1099	1009	1121	1110	1137	1110	1138	1116	1071	1106	1063	1102	13182

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OPERATING LOCATION: 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.4	.1					.0
GE 90						.2	3.3	1.5					.4
GE 85						2.8	15.1	10.5	1.0				2.5
GE 80				.1	.6	15.7	45.9	35.7	9.3	.2			9.1
GE 75				2.3	10.0	46.8	77.6	66.4	27.7	2.9			19.8
GE 70			.6	7.8	30.6	75.1	93.5	88.2	48.6	9.3	.1		30.0
GE 65		.1	3.0	18.8	55.9	92.2	98.9	97.0	71.1	23.7	2.4		39.1
GE 60		.5	8.1	36.5	75.1	97.7	99.7	99.8	86.1	44.5	7.4	.5	46.9
GE 55	.9	2.9	17.8	55.4	91.2	99.8	100.0	100.0	95.4	62.5	17.3	2.2	54.4
GE 50	2.1	7.1	30.0	72.6	97.8	100.0			98.8	81.4	32.3	5.4	61.3
GE 45	7.8	16.3	44.8	85.5	99.6				100.0	92.4	46.6	13.8	67.8
GE 40	17.6	29.4	61.8	94.4	100.0					98.2	64.1	27.1	74.9
GE 35	32.5	44.6	76.9	99.0						99.8	81.5	44.8	82.0
GE 33	38.0	51.4	82.0	99.5						99.8	86.0	52.2	84.4
GE 30	48.4	61.2	88.0	99.6						100.0	93.1	63.7	88.1
GE 25	62.1	74.4	95.2	100.0							96.2	78.8	92.4
GE 20	72.9	83.7	98.1								98.6	87.0	95.1
GE 15	82.7	92.3	99.2								99.7	92.6	97.3
GE 10	90.9	96.6	99.6								100.0	95.8	98.6
GE 5	96.3	98.6	99.8									98.0	99.4
GE 0	98.4	99.7	100.0									99.1	99.8
GE -5	99.8	100.0										99.4	99.9
GE -10	100.0											99.8	100.0
GE -15												100.0	100.0
MEAN	27.6	32.4	43.2	55.7	65.0	73.4	78.8	77.0	69.0	57.7	43.9	32.4	54.9
SD	12.57	12.12	11.59	9.75	7.46	6.17	5.96	6.18	8.19	8.94	10.59	11.70	20.01
TOTAL OBS	1099	1009	1121	1110	1137	1110	1138	1116	1071	1106	1063	1102	13182

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			70*	86	84	100	111	106	102	90	74	63	111*
55	60	60	82	83	85	91	100	97	96	81	70	65	100
56	68	68	83	86	94	94	99	101	100	88	73	69	101
57	70	63	74	88	83	90	100	99	90	79	66	62	100
58	57	68	59	85	86	94	92	99	88	85	75	58	99
59	59	61	75	87	88	93	95	98	94	73	72	64	98
60	67	54	76	84	87	96	96	97	96	86	73	62	97
61	58	70	68	81	85	93	94	93	91	81	72	66	94
62	51	71	79	85	90	90	94	99	92	86	70	66	99
63	59	64	80	83	86	92	93	96	94	93	73	66	96
64	68	58	69	86	91	90	103	103	88	79	80	59	103
65	68	64	66	89	86	88	92	93	90	86	75	68	93
66	55	63	84	80	88	91	97	91	86	83	76	70	97
67	71	70	83	85	91	88	93	91	85	87	66	64	93
68	62	58	82	80	89	91	91	92	86	85	70	64	92
69	59	51	79	80	87	93	95	93	90	87	73	59	95
70	59	67	73	86	86	89	101	102	93	81	69	67	102
71	62	67	75	87	84	92	91	94	91	82	73	61	94
72	59	82	81	90	87	94	96	98	93	86	66	61	98
73	60	60	66	78	86	91	91	95	86	84	73	68	95
74	59	63	79	77	90	94	105	91	85	78	67	55	105
75	54	52	76	81	86	88	96	101	100	87	75	65	101
76	58	74	75	81	81	91	100	101	90	91	74	62	101
77	43	68	77	81	84	92	96	95	89	82	66	65	96
78	47	44	80	81	85	95	99	99	96	87	81	66	99
79	40	54	74	79	85	93	93	94	89	86	69	65	94
80	59	57	71	89	90	104	109	107	96	92	84	71	109
81	70	77	78	88	83	95	97	94	91	84	66	63	97
82	53	70	78	81	81	89	95	101	90	91	73	69	101
83	59	65	83	76	81	95	104	107	98	93	70	43	107
84	56	70	71	82	84	93	96	108	98	80	70	67	108
85	41	58	74	86	92	94	101	96	96	76	67	50	101

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	64	66	85	87	87	96	102	91	90	78	62	52	102
87	56	66	76	92	90	97	103	104	91	82	79	59	104
88	63	72	80	83	90	102	98	103	95	83	73	63	103
89	68	61	80	91	88	91	96	94	89	88	77	63	96
90	65	71	77	84	87	95	101						101*

GREATEST	71	82	85	92	94	104	111	108	102	93	84	71	111
TOTAL OBS	1100	1009	1121	1110	1137	1110	1138	1116	1071	1106	1063	1102	13183

THE GREATEST VALUE OF 111 OCCURRED ON 07/13/54

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: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			22*	25	30	48	65	61	46	28	21	12	12*
55	1	-3	3	33	44	51	64	57	51	32	9	7	-3
56	2	1	13	28	42	48	61	51	42	37	17	12	1
57	2	18	18	22	42	53	61	59	43	25	17	7	2
58	3	-3	21	33	43	50	61	52	41	34	13	4	-3
59	-13	3	21	29	39	54	54	58	47	32	4	17	-13
60	-2	6	-2	29	37	54	59	59	47	27	16	4	-2
61	-5	9	27	30	37	55	60	49	40	30	25	-8	-8
62	-8	-5	-3	23	47	53	55	53	41	30	24	-6	-8
63	-10	4	17	33	37	56	57	54	47	31	21	-8	-10
64	-4	9	9	32	46	48	52	50	41	27	4	-4	-4
65	-3	0	10	31	44	54	58	55	38	29	11	17	-3
66	-12	2	10	26	36	47	64	48	43	26	16	8	-12
67	1	5	4	28	35	48	50	49	34	29	22	-3	-3
68	-14	5	12	23	37	49	49	56	46	32	22	-8	-14
69	-2	9	9	37	41	45	60	58	45	23	18	17	-2
70	-9	1	16	21	39	47	51	53	43	31	8	16	-9
71	2	-6	13	27	38	58	49	52	44	33	15	16	-6
72	-12	0	15	26	42	50	46	58	38	22	20	2	-12
73	-6	6	28	26	40	55	58	55	40	36	28	-6	-6
74	-7	13	14	32	48	53	63	54	42	35	24	15	-7
75	5	2	12	16	44	48	55	64	43	33	14	3	2
76	-5	11	15	33	30	50	60	58	48	28	5	-1	-5
77	-8	12	21	31	46	56	58	56	52	32	11	1	-8
78	-9	-2	-7	36	40	55	61	60	48	32	20	4	-9
79	-10	-9	20	26	42	56	58	56	46	31	18	2	-10
80	-1	1	1	35	42	58	65	64	44	28	24	9	-1
81	9	-8	28	39	40	55	59	57	45	31	23	-5	-8
82	-17	-9	16	23	43	44	65	60	40	35	16	11	-17
83	14	5	22	28	43	48	66	67	38	36	18	-21	-21
84	0	12	19	39	44	61	59	54	36	33	22	6	0
85	-15	-7	25	26	47	50	60	51	39	34	14	0	-15

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	1	2	20	28	48	57	66	48	48	34	7	13	1
87	6	21	21	22	49	55	57	56	49	28	28	14	6
88	3	-8	14	36	50	50	59	53	50	30	20	11	-8
89	15	-6	16	25	35	52	61	54	35	28	14	-21	-21
90	19	14	19	27	41	46	56						14*

LEAST	-17	-9	-7	16	30	44	46	48	34	22	4	-21	-21
TOTAL OBS	1099	1009	1121	1110	1137	1110	1138	1116	1071	1106	1063	1102	13182

THE LEAST VALUE OF -21 OCCURRED ON 12/25/83

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
54			38*	60	60	77	86	80	74	58	47	35	64*
55	31	31	42	62	66	70	82	79	72	58	39	31	55
56	27	33	44	52	68	76	79	80	72	64	43	36	56
57	24	39	42	53	64	73	81	79	67	54	42	39	55
58	31	26	37	54	67	71	75	77	69	59	48	31	54
59	25	33	45	55	67	75	76	80	70	54	38	39	55
60	29	27	29	56	63	73	76	78	73	60	47	31	54
61	30	37	44	50	61	72	77	75	66	58	42	26	53
62	21	33	38	52	72	72	76	77	65	59	44	32	53
63	19	30	47	57	65	75	77	76	70	68	47	22	54
64	34	32	39	57	68	72	79	74	68	55	47	30	54
65	30	31	32	58	69	72	75	74	68	58	47	42	55
66	26	31	47	51	63	71	80	71	64	55	46	33	53
67	32	31	47	58	61	72	74	71	65	55	42	34	54
68	27	30	46	55	60	73	75	74	66	57	41	31	53
69	28	35	38	57	66	69	79	75	69	54	44	31	54
70	24	34	39	54	67	70	77	79	68	55	42	37	54
71	27	30	40	55	61	75	72	74	69	61	45	36	54
72	26	32	46	57	65	74	75	76	70	54	39	27	53
73	27	33	48	52	61	73	76	76	67	62	48	33	55
74	27	36	47	56	67	73	84	74	63	58	42	32	55
75	31	29	37	54	65	72	79	79	65	60	48	35	55
76	29	44	46	57	60	71	78	77	69	52	36	31	54
77	17	36	49	60	69	74	79	75	70	56	44	32	55
78	19	21	39	57	63	76	81	78	74	57	44	31	54
79	14	21	43	51	65	74	78	77	69	59	43	37	53
80	31	27	41	57	67	77	88	83	73	57	48	38	58
81	34	38	49	65	63	76	80	76	71	57	48	31	57
82	21	30	44	51	65	68	80	78	71	60	44	39	54
83	32	37	45	47	63	74	85	87	74	60	46	16	56
84	27	43	40	54	65	77	79	80	68	58	45	37	56
85	21	28	49	60	68	71	80	74	68	58	39	25	54

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB-MO
LST TO UTC: +06

PERIOD OF RECORD: 5403-9007
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	36	33	50	59	67	78	82	73	72	58	39	35	57
87	31	41	48	59	71	77	81	78	70	54	48	36	58
88	28	30	44	57	70	78	79	81	71	54	46	37	56
89	39	23	45	58	64	72	78	77	64	59	45	22	54
90	40	38	47	54	61	77	78						57*
.....													
MEAN	27.6	32.4	43.2	55.7	65.0	73.4	78.8	77.0	69.0	57.7	43.9	32.4	54.9
.....													
TOTAL OBS	1099	1009	1121	1110	1137	1110	1138	1116	1071	1106	1063	1102	13182
.....													

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: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	25.2	12.158	294	8	215	0	0	0	294
09-11	29.4	12.437	882	17	503	0	0	0	882
12-14	35.2	13.219	882	7	349	5	0	0	882
15-17	36.8	13.276	882	3	316	6	0	0	882
18-20	32.3	11.976	882	9	421	0	0	0	882
21-23	30.4	11.804	294	3	157	0	0	0	294
ALL HOURS	32.6	13.072	4116	47	1961	11	0	0	4116

MONTH: FEB

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	28.5	13.469	273	10	149	0	0	0	273
09-11	32.8	14.079	819	15	357	6	0	0	819
12-14	38.4	15.049	818	0	281	32	0	0	818
15-17	40.3	15.357	816	1	250	47	0	0	816
18-20	36.2	14.227	815	6	301	10	0	0	815
21-23	33.8	13.685	271	3	112	0	0	0	271
ALL HOURS	36.1	14.930	3812	35	1450	95	0	0	3812

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	40.3	10.912	310	0	71	6	0	0	310
09-11	45.6	11.857	930	0	132	67	0	0	930
12-14	51.5	12.863	930	0	67	177	9	0	930
15-17	53.4	12.861	930	0	41	207	13	0	930
18-20	49.1	11.596	930	0	76	97	1	0	930
21-23	45.8	10.865	310	0	40	19	0	0	310
ALL HOURS	48.9	12.658	4340	0	427	573	23	0	4340

MONTH: APR

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.2	10.637	299	0	6	51	0	0	299
09-11	57.4	11.519	900	0	9	261	15	0	900
12-14	62.4	12.429	900	0	0	379	89	0	900
15-17	63.7	12.438	900	0	0	401	108	0	900
18-20	59.7	11.630	900	0	3	301	37	0	900
21-23	56.0	10.765	300	0	1	68	0	0	300
ALL HOURS	59.8	12.312	4199	0	19	1461	249	0	4199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	62.5	6.718	300	0	0	129	0	0	300
09-11	67.0	7.730	900	0	0	576	41	0	900
12-14	71.5	8.333	900	0	0	719	158	0	900
15-17	72.6	8.521	900	0	0	745	204	0	900
18-20	68.9	7.942	900	0	0	655	81	0	900
21-23	64.8	7.107	300	0	0	162	2	0	300
ALL HOURS	69.1	8.483	4200	0	0	2986	486	0	4200

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	71.9	6.394	300	0	0	261	42	0	300
09-11	76.3	7.332	900	0	0	843	333	5	900
12-14	80.6	7.989	900	0	0	870	531	45	900
15-17	81.8	8.116	900	0	0	876	582	68	900
18-20	78.0	7.431	900	0	0	861	413	16	900
21-23	73.8	6.693	300	0	0	271	67	0	300
ALL HOURS	78.3	8.161	4200	0	0	3982	1968	134	4200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	76.7	5.240	300	0	0	295	100	0	300
09-11	81.5	6.478	900	0	0	888	586	31	900
12-14	86.5	6.886	900	0	0	895	783	163	900
15-17	87.8	7.094	900	0	0	894	807	234	900
18-20	83.6	6.352	897	0	0	890	690	59	897
21-23	79.1	5.408	299	0	0	296	153	0	299
ALL HOURS	83.9	7.305	4196	0	0	4158	3119	487	4196

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	74.5	6.246	310	0	0	292	65	0	310
09-11	80.1	7.470	930	0	0	917	486	53	930
12-14	85.2	8.345	930	0	0	925	704	184	930
15-17	86.5	8.417	930	0	0	925	751	230	930
18-20	81.7	7.597	930	0	0	917	577	77	930
21-23	77.6	6.577	310	0	0	302	124	2	310
ALL HOURS	82.3	8.584	4340	0	0	4278	2707	546	4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL CBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	65.1	8.714	289	0	0	164	10	0	289
09-11	71.1	9.626	870	0	0	661	180	1	870
12-14	76.8	10.320	870	0	0	760	383	47	870
15-17	78.0	10.296	870	0	0	768	430	64	870
18-20	72.4	9.818	868	0	0	683	211	1	868
21-23	68.6	9.380	289	0	0	202	32	0	289
ALL HOURS	73.5	10.596	4056	0	0	3238	1246	113	4056

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	52.4	8.923	300	0	3	27	0	0	300
09-11	58.2	9.377	897	0	1	226	16	0	897
12-14	63.6	10.149	897	0	0	419	57	1	897
15-17	64.4	10.054	899	0	0	451	57	0	899
18-20	59.2	9.176	900	0	0	280	8	0	900
21-23	56.4	9.041	300	0	0	62	1	0	300
ALL HOURS	60.4	10.272	4193	0	4	1465	139	1	4193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 91
LST TO UTC: + 6 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	40.2	11.041	281	0	73	4	0	0	281
09-11	45.1	11.571	843	0	104	41	0	0	843
12-14	50.3	12.480	840	0	58	108	3	0	840
15-17	50.6	12.289	840	0	53	120	4	0	840
18-20	46.0	11.199	809	0	79	41	0	0	809
21-23	44.0	10.923	263	0	36	6	0	0	263
ALL HOURS	47.2	12.168	3876	0	403	320	7	0	3876

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	27.4	13.321	297	13	187	1	0	0	297
09-11	30.8	13.496	894	31	453	5	0	0	894
12-14	35.8	14.073	893	20	329	12	0	0	893
15-17	36.8	14.108	886	18	296	13	0	0	886
18-20	34.2	12.843	800	14	328	3	0	0	800
21-23	33.3	12.464	251	3	115	1	0	0	251
ALL HOURS	33.8	13.868	4021	99	1708	35	0	0	4021

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	51.7	20.594	3553	31	704	1230	217	0	3553
09-11	56.6	21.261	10665	63	1559	4491	1657	90	10665
12-14	61.8	21.437	10660	27	1084	5301	2717	440	10660
15-17	63.1	21.408	10653	22	956	5453	2956	596	10653
18-20	59.0	20.669	10531	29	1208	4738	2018	153	10531
21-23	55.9	19.502	3487	9	461	1389	379	2	3487
ALL HOURS	59.2	21.297	49549	181	5972	22602	9944	1281	49549

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN

HOURS LS1	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	23.2	11.548	294	246	2	0	0	0	294
09-11	26.2	11.328	882	609	9	0	0	0	882
12-14	30.2	11.220	882	483	24	0	0	0	882
15-17	31.2	11.012	882	468	26	0	0	0	882
18-20	28.3	10.660	882	549	12	0	0	0	882
21-23	27.1	10.760	294	199	3	0	0	0	294
ALL HOURS	28.4	11.283	4116	2554	76	0	0	0	4116

MONTH: FEB

HOURS LS1	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	26.2	12.620	273	182	2	0	0	0	273
09-11	29.2	12.568	819	436	28	0	0	0	819
12-14	32.9	12.414	818	368	65	0	0	0	818
15-17	34.0	12.329	816	358	80	0	0	0	816
18-20	31.5	12.166	815	395	38	0	0	0	815
21-23	30.0	12.179	271	144	8	0	0	0	271
ALL HOURS	31.4	12.564	3812	1883	221	0	0	0	3812

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	36.9	10.327	310	108	34	0	0	0	310
09-11	40.1	10.410	930	224	163	0	0	0	930
12-14	43.4	10.371	929	153	256	2	0	0	929
15-17	44.3	10.010	930	131	269	2	0	0	930
18-20	42.0	9.812	930	174	204	0	0	0	930
21-23	40.3	9.774	310	69	57	0	0	0	310
ALL HOURS	41.9	10.369	4339	859	983	4	0	0	4339

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	46.9	9.808	299	22	110	3	0	0	299
09-11	49.8	10.021	900	35	436	43	0	0	900
12-14	52.3	10.103	900	16	521	89	2	0	900
15-17	52.7	9.724	900	10	548	91	0	0	900
18-20	50.5	9.697	900	24	456	53	0	0	900
21-23	48.6	9.648	300	13	130	5	0	0	300
ALL HOURS	50.8	10.016	4199	120	2201	284	2	0	4199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	57.0	6.618	300	0	261	21	1	0	300
09-11	59.2	6.939	900	0	820	131	8	0	900
12-14	61.1	6.910	900	0	854	218	32	0	900
15-17	61.4	6.706	900	0	866	228	31	0	900
18-20	59.8	6.766	900	0	827	148	14	0	900
21-23	58.0	6.768	300	0	263	34	3	0	300
ALL HOURS	60.0	6.912	4200	0	3891	780	89	0	4200

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	66.0	5.960	300	0	299	157	37	0	300
09-11	67.8	6.221	900	0	899	545	232	7	900
12-14	69.4	6.201	900	0	900	614	328	19	900
15-17	69.7	6.077	900	0	900	629	329	22	900
18-20	68.3	6.004	900	0	900	576	239	11	900
21-23	66.7	6.055	300	0	300	168	49	1	300
ALL HOURS	68.4	6.187	4200	0	4198	2689	1214	60	4200

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	TE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	70.0	4.404	300	0	300	238	108	0	300
09-11	72.0	4.582	900	0	900	768	480	11	900
12-14	73.5	4.577	900	0	900	820	564	47	900
15-17	73.6	4.613	900	0	900	831	568	67	900
18-20	72.5	4.625	897	0	897	799	498	25	897
21-23	71.0	4.524	299	0	299	251	133	2	299
ALL HOURS	72.5	4.679	4196	0	4196	3707	2351	152	4196

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	TE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	68.0	5.103	310	0	309	201	69	0	310
09-11	70.4	5.322	930	0	927	713	370	5	930
12-14	71.8	5.417	930	0	930	779	477	34	930
15-17	72.0	5.300	930	0	930	781	470	48	930
18-20	70.6	5.402	930	0	930	726	398	14	930
21-23	69.2	5.382	310	0	310	218	103	1	310
ALL HOURS	70.8	5.427	4340	0	4336	3418	1887	102	4340

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	60.0	8.401	289	0	255	78	7	0	289
09-11	62.8	8.513	870	0	798	330	116	0	870
12-14	64.9	8.686	870	0	814	427	181	0	870
15-17	65.1	8.513	870	0	812	429	181	4	870
18-20	63.2	8.661	868	0	796	352	108	0	868
21-23	61.6	8.734	289	0	259	102	21	0	289
ALL HOURS	63.5	8.719	4056	0	3734	1719	614	4	4056

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	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	47.9	8.770	309	11	124	3	0	0	309
09-11	51.2	8.614	897	9	497	22	1	0	897
12-14	53.8	8.452	897	3	594	59	1	0	897
15-17	54.0	8.192	899	3	605	57	1	0	899
18-20	51.5	8.443	900	6	508	20	0	0	900
21-23	50.1	8.577	300	5	157	5	0	0	300
ALL HOURS	52.1	8.629	4193	37	2485	166	3	0	4193

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	37.0	10.450	281	105	38	0	0	0	281
09-11	40.3	10.282	843	193	170	4	0	0	843
12-14	43.2	10.315	839	125	243	5	0	0	839
15-17	43.3	10.102	839	110	245	0	0	0	839
18-20	40.6	9.867	809	180	149	0	0	0	809
21-23	39.3	9.782	263	69	36	0	0	0	263
ALL HOURS	41.3	10.321	3874	782	881	9	0	0	3874

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	25.4	12.746	297	218	8	0	0	0	297
09-11	27.9	12.525	894	564	28	0	0	0	894
12-14	31.3	12.360	893	461	46	0	0	0	893
15-17	31.9	12.230	885	430	39	0	0	0	885
18-20	30.5	11.671	800	443	32	0	0	0	800
21-23	30.1	11.593	251	142	11	0	0	0	251
ALL HOURS	30.0	12.376	4020	2258	164	0	0	0	4020

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	.0	.000	0	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0	0
06-08	47.3	18.918	3553	892	1742	701	222	0	3553
09-11	50.0	18.629	10665	2070	5675	2556	1207	23	10665
12-14	52.6	17.903	10658	1609	6147	3013	1585	100	10658
15-17	53.0	17.582	10651	1510	6220	3048	1580	141	10651
18-20	51.2	17.796	10531	1771	5749	2675	1257	50	10531
21-23	49.9	17.640	3487	641	1833	783	309	4	3487
ALL HOURS	51.3	18.100	49545	8493	27366	12776	6160	318	49545

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	17.6	13.551	294	231	14	293	0	294
09-11	19.1	13.468	882	657	46	879	0	882
12-14	20.5	13.435	882	606	61	881	0	882
15-17	20.8	13.200	882	605	67	882	0	882
18-20	20.2	12.871	882	619	60	882	0	882
21-23	19.9	12.715	294	215	17	294	0	294
ALL HOURS	20.0	13.275	4116	2933	265	4111	0	4116

MONTH: FEB

00-02	.0	.000	0	0	0	0	0	818
03-05	.0	.000	0	0	0	0	0	818
06-08	20.8	14.215	273	181	30	272	0	818
09-11	22.3	14.192	819	500	115	816	0	818
12-14	23.8	13.812	818	456	141	816	0	818
15-17	24.1	13.557	816	458	148	816	0	818
18-20	23.5	13.585	815	462	135	815	0	818
21-23	22.9	13.7	271	158	39	271	0	818
ALL HOURS	23.2	13.862	3812	2215	608	3806	0	3812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 51	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	31.8	12.004	310	113	108	300	0	310
09-11	32.8	12.482	930	313	366	892	0	930
12-14	33.4	12.728	929	309	368	882	0	929
15-17	33.3	12.590	930	323	366	885	0	930
18-20	32.9	12.399	930	320	370	884	0	930
21-23	32.9	12.107	310	103	120	298	0	310
ALL HOURS	33.0	12.508	4339	1481	1698	4141	0	4339

MONTH: APR

00-02	.0	.000	0	0	0	0	0	900
03-05	.0	.000	0	0	0	0	0	900
06-08	41.3	11.645	299	40	185	260	2	900
09-11	42.2	12.388	900	110	564	740	11	900
12-14	42.7	12.905	900	109	573	702	21	900
15-17	42.2	12.806	900	122	568	724	15	900
18-20	41.3	12.694	900	122	555	745	5	900
21-23	40.8	12.376	300	42	177	251	0	900
ALL HOURS	42.0	12.633	4199	545	2622	3422	54	4199

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	52.6	8.554	300	2	289	179	20	300
09-11	53.3	9.253	900	7	859	502	87	900
12-14	53.7	9.566	900	3	847	474	116	900
15-17	53.5	9.437	900	1	847	485	109	900
18-20	53.0	9.374	900	0	848	497	91	900
21-23	52.7	9.062	300	0	285	173	25	300
ALL HOURS	53.3	9.354	4200	13	3975	2310	448	4200

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	900
03-05	.0	.000	0	0	0	0	0	900
06-08	62.4	7.277	300	0	300	57	142	900
09-11	63.0	7.841	900	0	900	161	455	900
12-14	63.3	8.123	900	0	900	160	461	900
15-17	63.2	8.113	900	0	899	167	466	900
18-20	62.9	7.965	900	0	897	173	465	900
21-23	62.7	7.512	300	0	299	59	150	900
ALL HOURS	63.0	7.963	4200	0	4195	777	2139	4200

E - 5 - 3 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	66.7	5.069	300	0	300	9	212	300
09-11	67.4	5.398	900	0	900	21	646	900
12-14	67.4	5.872	900	0	900	33	640	900
15-17	67.0	5.979	900	0	900	45	632	900
18-20	67.2	5.825	897	0	897	39	653	897
21-23	67.0	5.444	299	0	299	11	216	299
ALL HOURS	67.2	5.767	4196	0	4196	158	2999	4196

MONTH: AUG

00-02	.0	.000	0	0	0	0	0	930
03-05	.0	.000	0	0	0	0	0	930
06-08	64.5	6.113	310	0	310	29	170	930
09-11	65.4	6.629	930	0	928	75	588	930
12-14	65.1	7.236	930	0	927	100	566	930
15-17	64.7	7.407	930	0	928	106	531	930
18-20	64.9	7.133	930	0	930	95	554	930
21-23	64.7	6.709	310	0	310	32	179	930
ALL HOURS	65.0	7.041	4340	0	4333	437	2588	4340

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	56.3	9.763	289	2	281	127	69	289
09-11	57.3	10.470	870	8	837	327	250	870
12-14	57.4	11.134	870	7	826	338	277	870
15-17	57.0	11.131	870	9	818	362	256	870
18-20	57.0	10.756	868	6	824	366	253	868
21-23	56.8	10.442	289	2	276	121	81	289
ALL HOURS	57.1	10.795	4056	34	3862	1651	1186	4056

MONTH: OCT

00-02	.0	.000	0	0	0	0	0	897
03-05	.0	.000	0	0	0	0	0	897
06-08	43.3	10.366	300	14	204	259	3	897
09-11	44.5	10.940	897	40	654	714	15	897
12-14	45.0	11.391	897	54	664	694	15	897
15-17	44.6	11.299	899	53	657	725	14	897
18-20	44.2	10.978	900	50	657	735	10	897
21-23	43.9	10.759	300	18	218	247	4	897
ALL HOURS	44.4	11.084	4193	229	3054	3374	61	4193

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	32.3	11.841	281	102	88	271	0	281
09-11	34.1	11.706	843	232	314	804	6	843
12-14	34.7	11.969	839	216	348	795	5	839
15-17	34.5	12.039	839	232	333	791	3	839
18-20	33.4	11.571	809	244	286	774	0	809
21-23	32.8	11.474	263	87	88	252	0	263
ALL HOURS	34.0	11.838	3874	1113	1457	3687	14	3874

MONTH: DEC

00-02	.0	.000	0	0	0	0	0	893
03-05	.0	.000	0	0	0	0	0	893
06-08	20.5	14.452	297	203	28	295	0	893
09-11	21.8	14.389	894	555	81	885	0	893
12-14	23.2	14.304	993	511	93	880	0	893
15-17	23.2	14.238	885	523	102	876	0	893
18-20	23.7	13.525	800	488	92	794	0	893
21-23	23.9	13.166	251	150	29	249	0	893
ALL HOURS	22.8	14.148	4020	2430	425	3979	0	4020

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	.0	.000	0	0	0	0	0	0
03-05	.0	.000	0	0	0	0	0	0
06-08	42.8	20.293	3553	888	2137	2351	618	3553
09-11	43.9	20.229	10665	2422	6564	6826	2058	10665
12-14	44.4	19.936	10658	2271	6648	6755	2101	10658
15-17	44.3	19.728	10651	2326	6633	6864	2026	10651
18-20	44.1	19.680	10531	2311	6551	6799	2031	10531
21-23	44.0	19.545	3487	775	2157	2258	655	3487
ALL HOURS	44.1	19.903	49545	10993	30690	31853	9489	49545

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.3	92.5	79.3	58.2	32.7	8.5	71.3	294
09-11	100.0	100.0	99.2	93.8	80.3	62.4	39.2	18.8	6.2	64.7	882
12-14	100.0	99.3	94.9	77.2	57.8	39.6	22.4	12.1	4.3	55.3	882
15-17	100.0	99.2	92.1	70.2	52.2	34.2	20.4	11.2	3.9	52.9	882
18-20	100.0	99.9	98.5	89.3	68.8	51.9	29.9	14.7	5.3	60.5	882
21-23	100.0	100.0	99.3	94.6	77.2	61.6	37.1	18.0	6.5	64.0	294
ALL HOURS	100.0	99.7	96.7	84.6	67.6	50.4	30.8	15.8	5.3	59.7	4116

MONTH: FEB

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.3	91.9	79.1	54.6	29.7	16.1	71.8	273
09-11	100.0	100.0	99.3	93.3	79.6	60.7	39.2	22.3	10.0	65.2	819
12-14	100.0	100.0	94.7	81.2	61.0	39.2	23.1	14.7	5.7	56.6	818
15-17	100.0	99.6	92.3	75.9	53.8	32.5	21.7	13.6	5.4	54.0	816
18-20	100.0	100.0	98.2	88.0	70.6	48.5	29.7	16.9	6.0	60.4	815
21-23	100.0	100.0	99.6	93.7	78.2	57.9	38.4	19.2	7.7	64.0	271
ALL HOURS	100.0	99.9	96.6	86.3	68.9	48.6	31.0	18.0	7.5	60.3	3812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS-CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.7	93.9	76.5	53.2	33.2	15.5	71.7	310
09-11	100.0	100.0	98.5	88.8	71.3	51.2	36.2	21.9	9.4	62.3	930
12-14	100.0	99.5	90.4	67.4	47.1	33.3	23.7	14.0	4.6	52.5	929
15-17	100.0	97.6	82.8	60.1	41.8	28.0	21.1	13.2	4.9	49.4	930
18-20	100.0	99.5	92.4	77.3	57.8	39.4	27.2	16.0	6.8	55.9	930
21-23	100.0	100.0	98.4	87.7	73.9	51.0	34.2	20.3	8.4	61.7	310
ALL HOURS	100.0	99.3	92.2	76.3	58.7	41.6	29.4	17.8	7.2	56.7	4339

MONTH: APR

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	95.7	86.3	68.2	44.8	25.8	9.7	67.6	299
09-11	100.0	100.0	96.6	84.2	67.6	46.7	28.2	17.0	7.2	59.3	900
12-14	100.0	99.6	88.8	68.2	45.6	31.9	18.9	13.1	5.9	51.8	900
15-17	100.0	98.6	83.3	59.1	38.8	27.1	19.4	12.9	6.4	49.0	900
18-20	100.0	99.4	91.4	70.7	50.9	34.4	23.7	15.2	7.3	53.7	900
21-23	100.0	100.0	97.7	83.3	64.7	45.3	26.7	16.0	9.0	58.9	300
ALL HOURS	100.0	99.5	91.3	73.3	54.2	38.1	24.4	15.5	7.1	54.9	4199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.3	93.7	76.3	56.0	36.0	12.3	71.5	300
09-11	100.0	100.0	99.1	91.9	77.0	57.1	37.0	20.8	8.0	63.5	200
12-14	100.0	100.0	96.0	80.3	58.9	40.9	23.9	13.0	4.8	56.1	900
15-17	100.0	99.8	93.1	73.7	53.9	34.3	21.2	12.6	3.3	53.9	900
18-20	100.0	100.0	97.8	84.3	67.0	47.4	31.1	16.8	7.1	59.5	900
21-23	100.0	100.0	100.0	96.3	82.0	64.0	42.0	28.0	10.3	66.7	300
ALL HOURS	100.0	100.0	97.0	84.7	67.6	48.5	31.3	18.1	6.6	59.8	4200

MONTH: JUN

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	99.7	95.0	85.3	63.0	32.7	12.0	73.2	300
09-11	100.0	100.0	99.4	95.3	84.4	66.1	38.1	16.4	5.2	65.1	900
12-14	100.0	100.0	98.2	88.7	70.9	42.7	20.9	8.1	3.1	57.7	900
15-17	100.0	100.0	96.6	85.3	65.8	36.8	17.3	7.9	3.0	55.5	900
18-20	100.0	100.0	98.4	92.1	78.3	54.0	31.7	14.6	4.7	61.9	900
21-23	100.0	100.0	100.0	98.7	92.3	75.7	50.7	27.0	8.0	69.6	300
ALL HOURS	100.0	100.0	98.4	91.6	77.5	54.3	31.3	14.3	4.9	61.7	4200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	99.7	87.0	60.0	21.3	6.7	71.9	300
09-11	100.0	100.0	100.0	99.0	87.0	60.3	29.0	11.4	3.2	63.5	900
12-14	100.0	100.0	99.1	88.8	62.4	29.4	12.2	4.3	1.2	54.4	900
15-17	100.0	100.0	98.0	81.8	53.2	24.4	10.1	4.1	1.6	51.9	900
18-20	100.0	100.0	100.0	94.5	77.9	45.9	19.4	5.5	2.0	59.1	897
21-23	100.0	100.0	100.0	99.3	95.3	77.6	39.8	13.7	2.3	67.4	299
ALL HOURS	100.0	100.0	99.4	92.3	74.0	46.1	22.3	7.9	2.4	59.0	4196

MONTH: AUG

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.7	99.4	98.4	86.1	57.1	28.7	8.4	72.2	310
09-11	100.0	100.0	99.6	95.5	80.2	57.1	32.4	14.9	3.2	62.8	930
12-14	100.0	99.8	96.2	78.4	54.4	33.4	18.8	6.3	1.3	53.6	930
15-17	100.0	99.7	93.5	72.0	48.7	29.9	14.9	4.9	.9	50.8	930
18-20	100.0	100.0	98.5	89.1	69.0	47.0	28.2	8.9	1.7	58.8	930
21-23	100.0	100.0	99.7	98.4	88.7	62.6	44.2	18.4	3.5	66.1	310
ALL HOURS	100.0	99.9	97.4	85.9	67.4	46.5	27.4	10.9	2.4	58.3	4340

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	97.6	88.6	63.0	33.9	13.1	73.8	289
09-11	100.0	100.0	99.5	94.9	81.0	58.4	34.3	15.6	5.7	63.4	870
12-14	100.0	99.9	96.6	79.3	54.9	31.0	16.6	7.0	2.1	53.2	870
15-17	100.0	99.8	94.1	73.3	47.5	25.1	12.1	5.1	1.1	50.5	870
18-20	100.0	100.0	99.0	92.4	75.6	50.6	26.2	10.6	3.7	60.3	868
21-23	100.0	100.0	99.7	98.6	92.4	70.9	42.6	20.8	5.5	67.3	289
ALL HOURS	100.0	99.9	97.7	87.0	69.1	46.7	26.6	12.1	4.0	58.8	4056

MONTH: OCT

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	100.0	97.0	82.3	52.7	32.3	10.3	71.9	300
09-11	100.0	100.0	99.4	93.5	73.8	51.6	34.6	20.7	7.8	62.3	897
12-14	100.0	100.0	94.4	72.7	49.1	34.6	21.9	14.2	6.5	53.6	897
15-17	100.0	99.6	91.0	66.7	45.1	29.4	21.1	12.2	6.8	51.7	899
18-20	100.0	100.0	98.7	88.9	68.3	46.2	26.8	15.2	7.3	59.5	900
21-23	100.0	100.0	100.0	96.3	81.0	58.3	34.0	17.7	7.7	64.2	300
ALL HOURS	100.0	99.9	96.5	83.0	63.3	44.7	28.5	16.9	7.4	58.4	4193

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	98.9	95.4	83.3	61.6	32.7	11.0	73.2	281
09-11	100.0	100.0	99.4	94.4	82.3	64.2	44.6	23.0	7.9	66.2	843
12-14	100.0	100.0	96.5	79.6	57.2	45.2	30.5	15.0	4.2	57.4	839
15-17	100.0	99.9	94.9	77.0	57.1	41.2	28.1	15.9	6.4	56.3	839
18-20	100.0	100.0	98.9	90.6	73.2	53.9	36.5	19.8	8.7	62.7	809
21-23	100.0	100.0	99.2	94.7	81.0	59.7	38.0	22.8	9.9	65.4	263
ALL HOURS	100.0	100.0	97.7	87.0	70.8	54.0	37.1	19.7	7.3	61.9	3874

MONTH: DEC

00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	100.0	99.7	96.6	85.2	62.6	34.7	12.8	74.2	297
09-11	100.0	100.0	99.8	97.1	86.8	71.9	49.4	26.1	11.0	68.7	894
12-14	100.0	99.8	97.5	87.9	70.0	47.8	31.6	18.6	6.8	60.5	893
15-17	100.0	99.7	96.4	84.3	65.3	44.0	28.5	15.8	6.0	58.4	885
18-20	100.0	100.0	98.3	94.3	82.6	63.5	40.0	19.8	6.5	65.0	800
21-23	100.0	100.0	99.2	96.8	87.6	70.9	46.6	24.3	8.0	67.8	251
ALL HOURS	100.0	99.9	98.2	91.8	78.3	59.7	39.8	21.4	8.0	64.2	4020

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02										.0	0
03-05										.0	0
06-08	100.0	100.0	99.9	99.1	94.8	81.4	57.2	31.1	11.3	72.0	3553
09-11	100.0	100.0	99.1	93.5	79.2	58.9	36.8	19.1	7.1	63.9	10665
12-14	100.0	99.8	95.3	79.1	57.5	37.3	22.0	11.7	4.2	55.2	10658
15-17	100.0	99.4	92.3	73.2	51.8	32.2	19.6	10.7	4.1	52.8	10651
18-20	100.0	99.9	97.5	87.5	69.8	48.3	29.0	14.4	5.6	59.7	10531
21-23	100.0	100.0	99.4	94.8	82.8	62.9	39.4	20.4	7.2	65.2	3487
ALL HOURS	100.0	99.8	96.6	85.2	68.0	48.2	29.9	15.6	5.8	59.4	49545

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION: "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	MEAN	1021.7	1021.3	1017.2	1015.1	1014.5	1014.9	1016.6	1016.5	1018.0	1019.7	1018.1	1022.1	1017.9
	SD	8.989	9.361	9.110	7.695	5.829	4.220	3.440	3.969	5.569	6.401	8.912	9.390	7.659
	TOT OBS	294	273	309	300	300	300	300	310	290	299	281	298	3554
1200	MEAN	1021.3	1021.2	1016.8	1014.6	1014.0	1014.5	1016.1	1016.1	1017.4	1019.1	1017.5	1021.5	1017.5
	SD	8.910	9.329	9.034	7.663	5.761	4.210	3.367	3.924	5.534	6.490	8.858	9.449	7.633
	TOT OBS	294	273	310	300	300	300	300	310	290	299	280	298	3554
1500	MEAN	1019.6	1019.5	1015.1	1013.2	1012.8	1013.4	1015.0	1014.9	1015.9	1017.5	1016.2	1020.1	1016.1
	SD	8.682	9.045	8.689	7.484	5.556	4.143	3.279	3.884	5.397	6.272	8.719	9.354	7.420
	TOT OBS	294	272	309	300	300	300	300	310	290	299	290	297	3551
1800	MEAN	1020.2	1019.9	1015.1	1013.0	1012.3	1012.6	1014.2	1014.2	1015.6	1017.7	1016.7	1020.8	1016.0
	SD	8.484	8.915	8.398	7.313	5.351	4.073	3.273	3.888	5.395	6.091	8.644	9.210	7.459
	TOT OBS	294	272	310	300	300	300	299	310	290	300	279	294	3548
2100	MEAN	1020.8	1020.6	1016.0	1014.0	1013.1	1013.3	1014.9	1015.1	1016.7	1018.5	1017.9	1020.9	1016.7
	SD	8.461	8.912	8.431	7.173	5.181	3.944	3.205	3.781	5.308	6.028	8.468	8.974	7.269
	TOT OBS	294	271	310	300	300	300	299	310	289	300	263	251	3487
ALL HOURS	MEAN	1020.7	1020.5	1016.0	1014.0	1013.3	1013.7	1015.4	1015.4	1016.7	1018.5	1017.3	1021.1	1016.8
	SD	8.740	9.143	8.778	7.511	5.598	4.205	3.424	3.984	5.516	6.313	8.755	9.295	7.530
	TOT OBS	1470	1361	1548	1500	1500	1500	1498	1550	1449	1497	1383	1438	17694

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	MEAN	30.13	30.13	30.02	29.98	29.97	30.00	30.05	30.05	30.08	30.12	30.05	30.15	30.06
	SD	.252	.261	.259	.221	.168	.123	.099	.113	.157	.181	.253	.263	.212
	TOT OBS	294	273	310	300	300	300	300	310	290	299	281	298	3555
1200	MEAN	30.12	30.13	30.01	29.97	29.96	29.98	30.04	30.04	30.07	30.10	30.04	30.13	30.05
	SD	.250	.260	.257	.219	.167	.122	.097	.112	.156	.184	.252	.264	.212
	TOT OBS	294	273	310	300	300	300	300	310	290	299	280	298	3554
1500	MEAN	30.08	30.08	29.97	29.93	29.92	29.95	30.01	30.00	30.02	30.05	30.00	30.09	30.01
	SD	.243	.252	.249	.214	.159	.120	.094	.110	.152	.178	.249	.261	.206
	TOT OBS	294	272	310	300	300	300	300	310	290	299	280	297	3552
1800	MEAN	30.09	30.09	29.96	29.92	29.91	29.93	29.98	29.98	30.01	30.06	30.01	30.11	30.00
	SD	.237	.248	.239	.208	.154	.117	.094	.110	.151	.173	.246	.256	.205
	TOT OBS	294	272	310	300	300	300	299	310	290	300	280	294	3549
2100	MEAN	30.11	30.11	29.99	29.95	29.93	29.95	30.00	30.01	30.04	30.08	30.04	30.12	30.02
	SD	.237	.247	.239	.205	.149	.114	.092	.107	.149	.171	.241	.247	.200
	TOT OBS	294	270	310	300	300	300	299	310	289	300	263	251	3486
ALL HOURS	MEAN	30.11	30.11	29.99	29.95	29.94	29.96	30.02	30.01	30.04	30.08	30.03	30.12	30.03
	SD	.245	.255	.250	.215	.161	.122	.099	.113	.155	.179	.249	.259	.208
	TOT OBS	1470	1360	1550	1500	1500	1500	1498	1550	1449	1497	1384	1438	17696

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724466 STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY PERIOD OF RECORD: AUG 80 - JUL 90
LST TO UTC: + 6

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	MEAN	28.96	28.95	28.85	28.81	28.80	28.83	28.88	28.88	28.91	28.94	28.88	28.97	28.89
	SD	.244	.253	.251	.213	.163	.119	.097	.110	.153	.175	.245	.255	.206
	TOT OBS	294	273	310	300	300	300	300	310	290	299	281	298	3555
1200	MEAN	28.95	28.95	28.84	28.80	28.79	28.81	28.87	28.87	28.89	28.92	28.86	28.96	28.88
	SD	.243	.252	.249	.212	.161	.119	.095	.109	.151	.178	.244	.256	.205
	TOT OBS	294	273	310	300	300	300	300	310	290	299	280	298	3554
1500	MEAN	28.90	28.90	28.80	28.76	28.76	28.78	28.83	28.83	28.85	28.88	28.83	28.92	28.84
	SD	.236	.244	.240	.207	.154	.116	.092	.107	.148	.173	.241	.253	.200
	TOT OBS	294	272	310	300	300	300	300	310	290	299	280	297	3552
1800	MEAN	28.92	28.91	28.79	28.75	28.74	28.76	28.81	28.81	28.84	28.88	28.84	28.94	28.83
	SD	.230	.240	.231	.202	.149	.114	.092	.107	.147	.168	.238	.248	.199
	TOT OBS	294	272	310	300	300	300	299	310	290	300	280	294	3549
2100	MEAN	28.93	28.93	28.82	28.78	28.76	28.78	28.83	28.84	28.87	28.91	28.87	28.94	28.85
	SD	.230	.239	.232	.198	.144	.111	.091	.105	.144	.166	.233	.239	.194
	TOT OBS	294	270	310	300	300	300	299	310	289	300	263	251	3486
ALL HOURS	MEAN	28.93	28.93	28.82	28.78	28.77	28.79	28.84	28.84	28.87	28.91	28.86	28.95	28.86
	SD	.237	.247	.242	.208	.156	.118	.097	.110	.151	.174	.241	.251	.202
	TOT OBS	1470	1360	1550	1500	1500	1500	1498	1550	1449	1497	1384	1438	17696

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

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

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

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

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

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

OBSERVATION COUNTS INCLUDE CALM WINDS.

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

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBA'JR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JAN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	7.1			294	11.9			882
CATEGORY B				0				0	10.7	.3		337	18.2	.1		990

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	17.0			882	11.1			882	6.5			882	6.5			294
CATEGORY B	25.8	.7		973	18.1	.9	.1	979	9.3	.4		979	11.0	.9	.3	327

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	11.3			3822	10.9			4116
CATEGORY B	17.3	.5	.0	4258	16.8	.5	.0	4585

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: FEB

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	5.5			273	9.4			819
CATEGORY B				0				0	8.5			331	12.8	.4		974

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	12.3			818	9.7			816	4.2			815	4.1			271
CATEGORY B	17.2	.1		961	15.5	.2		913	7.7	.1		927	6.6			317

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.5			3541	8.3			3812
CATEGORY B	13.0	.2		4166	12.5	.2		4483

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAR

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

.....
TIME (LST) | 0000 - 0200 | 0300 - 0500 | 0600 - 0800 | 0900 - 1100
SPEED (KTS) | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS
CATEGORY A | | 0 | 0 | 10.6 | 310 | 16.0 | 930
CATEGORY B | | 0 | 0 | 18.6 1.7 | 361 | 24.7 2.2 | 1092
.....

.....
TIME (LST) | 1200 - 1400 | 1500 - 1700 | 1800 - 2000 | 2100 - 2300
SPEED (KTS) | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS
CATEGORY A | 18.3 | 16.7 .4 | 9.7 .1 | 7.7 | 930 | 310
CATEGORY B | 26.8 2.1 | 25.0 2.1 1.1 | 13.4 1.3 .3 | 13.0 .3 | 1026 | 1091 | 1041 | 353
.....

.....
TIME (LST) | 0600 - 2000 | ALL HOURS
SPEED KTS | GE10 GE25 GE35 OBS | GE10 GE25 GE35 OBS
CATEGORY A | 14.8 .1 | 14.3 .1 | 4030 | 4340
CATEGORY B | 22.2 1.9 .3 | 21.6 1.8 .3 | 4611 | 4964
.....

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: APR

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	12.4			299	14.1			900
CATEGORY B				0				0	16.7	.9		341	19.9	.8		1007

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	13.7			900	11.3			900	6.8			900	5.7			300
CATEGORY B	20.1	1.1		980	19.6	.7		1028	9.6			966	9.2	.6		316

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	11.5			3899	11.1			4199
CATEGORY B	17.3	.7		4322	16.8	.7		4638

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: MAY

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	7.0			300	8.9			900
CATEGORY B				0				0	9.9	.3		354	12.0	.3		1040

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	10.6			900	8.9			900	4.4			900	3.7			300
CATEGORY B	15.3	.1		1023	14.1	.1		1018	7.4	.2		1005	5.1			334

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.1			3900	7.8			4200
CATEGORY B	12.0	.2		4440	11.6	.2		4774

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUN

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	4.7			300	4.2			900
CATEGORY B				0				0	7.4	.3		338	8.0	.3		1007

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	3.7			900	2.0			900	1.1			900	1.0			300
CATEGORY B	6.2	.5		1008	3.7	.3	.1	972	4.2	.1		982	.9			330

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	2.9			3900	2.8			4200
CATEGORY B	5.7	.3	.0	4307	5.3	.3	.0	4637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 5

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: JUL

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	1.7			300	2.7			900
CATEGORY B				0				0	5.4	1.1	.6	352	5.3			1029

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	2.3			900	2.6			900	1.0			897	.7			299
CATEGORY B	4.4			976	4.7	.2		958	1.9	.2		938	.6			330

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	2.1			3897	2.0			4196
CATEGORY B	4.2	.2	.0	4253	4.0	.2	.0	4583

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: AUG

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	1.3			310	2.5			930
CATEGORY B				0				0	2.0			353	3.7			1018

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	2.7			930	2.0			930	1.0			930	.3			310
CATEGORY B	5.0	.3	.1	1034	5.1	.1		1020	1.7	.1	.1	997	.6			343

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	2.0			4030	1.9			4340
CATEGORY B	3.8	.1	.0	4422	3.5	.1	.0	4765

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: SEP

.....
CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

.....
CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	3.1			289	4.5			870
CATEGORY B				0				0	6.3			336	8.0			971

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	3.2			870	3.2			870	.5			868	.7			289
CATEGORY B	7.3	.3		966	6.8	.5	.2	938	2.3	.2		939	1.5			330

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	2.9			3767	2.7			4056
CATEGORY B	6.2	.2	.0	4150	5.8	.2	.0	4480

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: OCT

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	2.7			300	5.0			897
CATEGORY B				0				0	4.2			334	8.1	.1		1016

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	5.9			897	4.4			899	1.3			900	1.3			300
CATEGORY B	9.2	.1		1003	7.8	.1		1010	3.7	.1		991	1.8			334

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	4.1			3893	3.9			4193
CATEGORY B	7.0	.1		4354	6.6	.1		4688

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: NOV

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	7.1			281	11.5			843
CATEGORY B				0				0	10.4			317	15.2	2		941

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	11.8			840	6.9			840	3.2			809	3.8			263
CATEGORY B	17.2	.2		922	11.7	.5		947	6.4	.6		902	9.4	.3		288

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	8.3			3613	8.0			3876
CATEGORY B	12.5	.3		4029	12.3	.3		4317

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 181-200

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 60
MONTH: DEC

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	8.1			297	13.2			894
CATEGORY B				0				0	11.8	.3		348	19.1	.2		1034

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	14.7			893	7.1			886	3.6			800	4.4			251
CATEGORY B	19.1	.3		1018	13.2	.1		994	7.7	.1		340	8.4	.3		298

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	9.7			3770	9.4			4021
CATEGORY B	14.7	.2		4314	14.3	.2		4612

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CITY
LST TO UTC: + 6

PERIOD OF RECORD: AUG 80 - JUL 90
MONTH: ALL

CATEGORY A: ANY CELLING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A				0				0	5.9			3553	8.6			10665
CATEGORY B				0				0	9.3	.4	.0	4102	13.0	.4		12119

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	9.7			10660	7.2	.0		10653	3.6	.0		10531	3.3			3487
CATEGORY B	14.4	.5	.0	11890	12.3	.5	.1	11928	6.3	.3	.0	11387	5.6	.2	.0	3900

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE25	GE35	OBS	GE10	GE25	GE35	OBS
CATEGORY A	7.2	.0		36062	6.9	.0		49549
CATEGORY B	11.4	.4	.0	51526	11.0	.4	.0	55526

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

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PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: JAN 55 - DEC 70

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1955	1060	958	715	134	53	29			23	232	787	1056	5047
1956	1173	921	650	405	73	10		4	25	83	669	896	4909
1957	1248	726	698	379	86	3			35	329	692	807	5003
1958	1056	1070	873	337	60	8		4	39	214	495	1048	5204
1959	1223	884	617	315	72				42	329	814	801	5097
1960	1091	1082	1098	272	117	4			13	179	544	1034	5434
1961	1081	779	639	450	173	4		8	100	231	676	1200	5341
1962	1347	887	823	394	9	6			103	233	612	1017	5431
1963	1420	967	539	255	100			3	25	66	545	1331	5251
1964	959	938	792	263	60	26		11	61	317	549	1091	5067
1965	1074	948	1001	246	28	2			65	230	533	714	4841
1966	1219	944	553	432	141	12		14	101	324	576	991	5307
1967	1022	940	560	231	214	14	5	11	78	337	685	965	5062
1968	1168	1004	583	304	195	9	2	6	37	280	704	1056	5348
1969	1143	826	820	234	85	42			24	372	621	1049	5216
1970	1278	862	810	365	47	44			54	322	670	843	5295
MEAN	1160	921	735	313	94	13	0	3	51	254	635	993	
SD	124.06	94.38	163.87	86.68	59.14	14.25	1.31	4.81	30.13	89.46	92.27	156.00	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 724466

STATION NAME: RICHARDS-GEBAUR AFB/KANSAS CY
LST TO UTC: + 6

PERIOD OF RECORD: JAN 55 - DEC 70

YEAR3	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1955			2	43	90	179	543	441	226	12			1536
1956			6	29	179	327	431	465	239	64			1740
1957				23	57	253	493	438	98	8			1370
1958				4	120	204	324	370	177	44	1		1244
1959				14	153	315	343	471	202				1498
1960				23	74	237	340	410	247	34	3		1368
1961				19	42	222	383	316	136	19			1137
1962			2	13	229	215	331	371	96	73			1330
1963			3	21	91	296	393	349	190	155			1498
1964				16	169	226	440	281	147	1	5		1285
1965				44	158	215	307	295	147	18			1184
1966			5		75	190	462	217	63	11			1023
1967			18	36	80	222	276	201	78	30			941
1968			7	1	29	256	326	285	78	44			1026
1969				6	110	180	445	317	136	32			1226
1970				30	127	191	368	422	147	12			1297
MEAN			2	20	111	233	387	353	150	34	0		
SD			4.73	13.85	54.83	45.89	74.57	84.66	58.94	38.45	1.41		

A W S CLIMATIC BRIEF APR 91	STATION NAME: RICHARDS-GEBAUR AFB MO												FIELD ELEV: 758 FT		
	LATITUDE/LONGITUDE: 39 07 N 094 36 W												STATION MSC: 724466		
	HOURLY OBS POR: AUG 80 - JUL 90												CALL SIGN: KGVW		
	SUMMARY OF DAY POR: MAR 54-JUL 90												SUPERSEDES: N/A		
	HOURS SUMMARIZED: 0000 - 2300 LST														
	LST TO UTC: +06														
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
EXTRM MAX TEMP (F)	71	82	85	92	94	104	111	108	102	93	84	71	111	36	
MEAN MAX TEMP (F)	36	41	52	65	74	82	88	86	78	67	52	40	64	36	
MEAN TEMP (F)	28	32	43	56	65	73	79	77	69	58	44	32	55	36	
MEAN MIN TEMP (F)	19	24	34	46	56	64	69	67	59	48	35	24	46	36	
EXTRM MIN TEMP (F)	-17	-9	-7	16	30	44	46	48	34	22	4	-21	-21	36	
D/W TEMP GE 100 (F)	0	0	0	0	0	1	2	1	1	0	0	0	5	36	
D/W TEMP GE 90 (F)	0	0	0	1	1	4	13	11	3	1	0	0	34	36	
D/W TEMP LT 33 (F)	27	21	15	3	#	0	0	0	0	1	12	24	103	36	
D/W TEMP LT 10 (F)	8	4	1	0	0	0	0	0	0	0	1	3	17	36	
HEATING DEGREE DAYS	1160	921	735	313	94	13	#	3	51	254	635	993	5172	16	
COOLING DEGREE DAYS	0	0	2	20	111	233	387	353	150	34	#	0	1290	16	
MEAN DEWPOINT TEMP (F)	20	23	33	42	53	63	67	65	57	44	34	22	44	10	
MEAN WET BULB TEMP (F)	28	31	41	50	60	68	72	70	63	52	41	30	51	10	
99.95% WCPA (FT)	1650	1700	1750	1700	1550	1400	1300	1350	1450	1450	1750	1650	1600	10	
MEAN REL HUM 07 LST(%)	71.3	71.8	71.7	67.6	71.5	73.2	71.9	72.2	73.8	71.9	73.2	74.2	72.0	10	
MEAN REL HUM 13 LST(%)	55.3	56.6	52.5	51.8	56.1	57.7	54.4	53.6	53.2	53.6	57.4	60.5	35.2	10	
MAX 24HR PRECIP (IN)	1.65	1.95	1.90	3.42	4.83	4.38	4.16	6.11	5.19	3.84	3.61	3.17	6.11	36	
MAX PRECIP (IN)	3.61	4.43	11.48	8.35	11.67	12.57	12.40	10.16	14.78	9.24	5.67	5.53	63.64	36	
MEAN PRECIP (IN)	1.43	1.45	2.63	3.40	4.65	5.25	3.64	3.58	4.69	3.83	2.04	1.58	37.88	36	
MIN PRECIP (IN)	.04	.23	.45	.72	1.21	1.67	.20	.18	.09	.18	#	.01	20.83	36	
D/W PRECIP GE .01 (IN)	7	7	9	11	12	10	8	8	8	8	7	7	102	36	
D/W PRECIP GT .50 (IN)	1	1	1	2	3	3	3	3	3	3	1	1	25	36	
MAX 24HR SNFL (IN)	11.0	10.7	6.6	5.0	0	0	0	0	0	#	6.4	8.0	11.0	36	
MAX SNFL (IN)	26.1	17.1	18.4	5.3	0	0	0	0	0	#	7.8	14.7	42.0	36	
MEAN SNFL (IN)	6.8	5.6	3.6	.7	0	0	0	0	0	#	.9	3.8	21.6	36	
D/W SNFL GE .1 (IN)	4	4	3	1	0	0	0	0	0	0	1	3	16	36	
D/W SNFL GE 1.5 (IN)	2	1	1	1	0	0	0	0	0	0	1	1	7	36	
MAX DLY SNO DEPTH (IN)	25	17	16	4	0	0	0	0	0	0	7	12	25	36	
PRVING WND DIR (DEG)	20-22	35-01	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	17-19	20-22	17-19	10	
MEAN WND SPD (KTS)	8	8	9	9	8	7	6	6	7	7	8	7	7	10	
MAX WND SPD (KTS)	52	46	48	51	59	57	52	47	63	46	46	51	63	36	
SKY COVER GT 5/10 (%)	52.3	51.9	62.5	56.9	62.7	56.3	44.8	46.6	46.1	54.1	56.5	60.7	55.1	10	
D/W THUNDERSTORMS	1	1	2	5	8	9	7	7	5	3	1	1	50	36	
D/W FOG (VSBY LT 7 MI)	10	11	11	8	9	7	7	8	9	9	10	11	110	36	
LEGEND: ANN = ANNUAL D/W = MEAN NUMBER OF DAYS WITH # = BASED ON LESS THAN FULL MONTHS ** = INSTANTANEOUS PEAK WINDS * = DATA NOT AVAILABLE PCR/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													10
	00 - 02													10
	03 - 05													10
	06 - 08	23.8	31.5	31.0	22.1	24.0	15.0	12.7	17.4	19.7	23.3	31.7	35.0	23.9
	09 - 11	23.6	30.6	29.6	21.3	21.8	15.3	12.6	16.1	19.2	24.1	30.7	34.1	23.2
	12 - 14	23.4	26.3	24.0	19.2	18.8	13.2	8.3	12.6	14.0	23.4	28.2	31.9	20.3
	15 - 17	22.4	24.8	21.0	15.4	12.7	6.0	4.1	7.1	6.9	18.1	26.0	28.1	16.0
	18 - 20	22.0	23.7	21.3	14.0	9.6	5.3	3.3	6.0	5.0	15.8	22.9	26.2	14.6
	21 - 23	20.7	22.5	19.7	12.0	9.3	5.3	3.3	6.1	6.6	15.7	24.0	28.3	14.5
	ALL	22.8	26.4	24.1	17.4	15.8	10.0	7.2	10.6	11.5	20.2	27.1	30.4	18.5
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02													10
	03 - 05													10
	06 - 08	18.0	25.3	22.3	13.4	18.0	11.0	10.3	15.5	18.0	18.3	24.2	27.3	18.5
	09 - 11	17.6	24.4	19.7	12.0	12.6	7.2	7.0	12.2	13.9	18.5	23.3	27.3	16.3
	12 - 14	16.0	18.1	14.0	10.1	7.6	4.1	2.7	6.9	6.3	14.2	18.2	22.1	11.7
	15 - 17	13.7	17.6	13.1	8.4	5.8	2.9	2.3	3.9	3.1	11.8	15.0	19.4	9.7
	18 - 20	13.2	16.0	12.2	7.8	5.9	2.8	2.0	4.0	3.7	10.6	15.2	19.0	9.4
	21 - 23	13.6	15.5	12.9	7.3	5.0	3.0	2.3	4.5	5.2	11.0	14.8	19.9	9.6
	ALL	15.2	19.2	15.4	9.7	8.5	4.6	3.9	7.2	7.4	13.9	18.2	22.3	12.0
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02													10
	03 - 05													10
	06 - 08	12.9	22.3	17.4	10.0	13.0	7.7	6.7	10.3	13.1	14.3	17.4	20.5	13.8
	09 - 11	13.2	18.7	14.3	8.0	8.1	4.1	4.3	7.8	9.4	14.6	16.7	20.9	11.7
	12 - 14	11.2	13.2	9.6	6.4	4.4	2.0	1.4	3.0	3.2	9.4	11.1	16.9	7.6
	15 - 17	9.1	13.4	8.7	5.6	3.3	1.8	1.9	1.7	2.1	9.2	10.1	15.1	6.8
	18 - 20	9.6	13.3	10.0	5.7	3.6	2.2	1.6	1.9	2.5	8.4	12.0	16.1	7.2
	21 - 23	10.5	12.2	9.7	5.7	4.2	2.7	2.0	2.3	3.1	9.0	11.0	17.1	7.5
	ALL	10.9	15.0	11.1	6.6	5.4	2.9	2.6	4.0	4.9	10.6	12.7	17.5	8.6
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02													10
	03 - 05													10
	06 - 08	.7	4.4	1.3	1.7	.0	.0	.3	.6	1.0	1.3	1.1	5.1	1.5
	09 - 11	1.2	3.3	.4	.2	.0	.0	.0	.0	.0	.4	.7	3.0	.8
	12 - 14	1.2	2.1	.4	.2	.0	.1	.0	.0	.0	.0	.1	1.6	.5
	15 - 17	1.5	1.1	.3	.0	.0	.0	.0	.0	.0	.3	.1	1.9	.4
	18 - 20	.7	1.1	.3	.0	.0	.0	.1	.0	.1	.6	.5	3.1	.5
	21 - 23	1.7	1.1	.0	.3	.3	.0	.0	.0	.3	1.3	.4	2.8	.7
	ALL	1.2	2.0	.4	.2	.0	.0	.0	.0	.1	.5	.4	2.6	.6
HURRICANES/TROPICAL STORMS OBSERVED : NONE														
REMARKS : @														

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