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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

FAIRCHILD AFB, WA

Prepared by

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



FEBRUARY 1990

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PREFACE

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

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

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

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

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INTRODUCTION

STATION PERIOD OF RECORD.

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

SUMMARY OF DAY DATA: APR 40 - JUL 42, NOV 43 - SEP 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

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

TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

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

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

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		6.9	1.9	13.5		22.4	36.0		.6		59.0	930
03-05		6.3	2.7	12.3		21.3	37.1		.3		58.7	930
06-08		4.5	2.8	14.4		21.7	40.1		.3		62.2	930
09-11		6.3	1.1	18.6		26.0	42.5	.1	.3		68.9	930
12-14		5.9	.4	14.9		21.3	31.1	.6	.9		53.9	930
15-17		5.7	.2	10.9		16.8	28.1	.8	.2		45.8	930
18-20		6.3	.3	10.8		17.4	28.0		.2		45.6	930
21-23		7.2	.6	10.8		18.6	31.6		.2		50.4	930
ALL HOURS		6.2	1.3	13.3		20.7	34.3	.2	.4		55.6	7440

MONTH: FEB

00-02		6.7	.2	11.4		18.4	20.5		.8		39.7	849
03-05		8.0	.9	10.8		19.8	22.6		1.1		43.5	849
06-08		8.8	.7	11.1		20.6	30.2		1.3		52.1	849
09-11		7.8	.4	12.6		20.7	30.7	1.1	1.4		53.9	849
12-14		6.9	.1	9.2		16.3	17.9	.7	.4		35.2	849
15-17		6.0	.1	8.1		14.3	12.5	.2	.6		27.6	849
18-20		6.9	.1	8.5		15.5	12.4	.4	.5		28.7	849
21-23		6.1		9.9		16.0	15.3		.6		31.9	849
ALL HOURS		7.2	.3	10.2		17.7	20.3	.3	.8		39.1	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	7.9				7.9	1.2			.5	9.6	916
03-05	.1	8.7		.4		9.1	4.6			.9	14.5	923
06-08	.3	9.0		.6		9.7	5.8			1.2	16.7	930
09-11		10.4		.1		10.5	2.9			1.5	14.9	930
12-14	.1	7.7		.1		7.8	1.0			1.7	10.5	930
15-17	.5	8.6		.2		8.8	.2			2.0	11.1	930
18-20	.4	7.5		.1		7.6	.4			1.5	9.5	922
21-23	.1	7.3				7.3	.2			.5	8.1	914
ALL HOURS	.2	8.4		.2		8.6	2.0			1.2	11.9	7395

MONTH: JUN

00-02	.8	6.8				6.8	.6			.2	7.6	840
03-05	.3	6.3				6.3	2.4				8.7	870
06-08	.4	7.0				7.0	3.3				10.3	900
09-11	.1	9.1				9.1	1.4			.1	10.7	900
12-14	.2	8.1				8.1	1.1			.4	9.7	900
15-17	.6	4.4				4.4	.8			.6	5.8	900
18-20	1.1	6.7				6.7	.8			.5	7.9	871
21-23	.7	6.5				6.5	.4			.4	7.3	840
ALL HOURS	.5	6.9				6.9	1.4			.3	8.5	7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.1	4.7				4.7	1.6	.9		.2	7.3	900
03-05		6.0				6.0	3.1	.7		.1	9.9	900
06-08		5.1				5.1	5.8	1.0			11.9	900
09-11	.1	5.6				5.6	2.2	.9		.9	9.6	900
12-14	.1	5.3				5.3	.6	1.7		2.3	9.9	900
15-17		5.2				5.2	.6	1.3		2.9	10.0	898
18-20	.2	5.0				5.0	.6	1.4		1.7	8.7	897
21-23	.2	5.4				5.4	.8	1.1		.3	7.6	897
ALL HOURS	.1	5.3				5.3	1.9	1.1		1.1	9.4	7192

MONTH: OCT

00-02		5.4		.3		5.7	5.5	.9			12.0	930
03-05		5.1		.4		5.5	8.3	.2			14.0	930
06-08		6.8		1.1		7.8	16.7	1.2			25.7	930
09-11		8.2		.5		8.7	10.4	1.5			20.6	930
12-14		6.6		.5		7.1	2.7	.8		.3	10.9	930
15-17	.2	5.4		.4		5.8	1.9	.3		1.1	9.1	930
18-20		4.4		.4		4.8	2.6			.3	7.7	930
21-23		4.5		.8		5.3	4.1	.1			9.5	930
ALL HOURS	.0	5.8		.6		6.3	6.5	.6		.2	13.7	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		6.2	1.3	13.3		20.7	34.3	.2	.4		55.6	7440
FEB		7.2	.3	10.2		17.7	20.3	.3	.8		39.1	6792
MAR	.0	11.5	.0	3.6		15.1	9.2	.1		.1	24.5	7440
APR	.1	7.7		1.0		8.7	2.3	.1		.2	11.2	7200
MAY	.2	8.4		.2		8.6	2.0			1.2	11.9	7395
JUN	.5	6.9				6.9	1.4			.3	8.5	7021
JUL	.5	4.3			.0	4.3	.3			.3	4.9	7262
AUG	.4	2.5				2.5	.8	.1		.3	3.7	7440
SEP	.1	5.3				5.3	1.9	1.1		1.1	9.4	7192
OCT	.0	5.8		.6		6.3	6.5	.6		.2	13.7	7440
NOV	.0	11.4	.3	8.3		19.9	25.5	.8	.2	.0	46.4	7200
DEC		7.5	2.0	17.5		27.1	44.5	.5	.4		72.4	7440
ANNUAL	.2	7.0	.3	4.6	.0	11.9	12.5	.3	.1	.3	25.2	87262

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FRQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02					.1	.8	.2	.3	.1			
03-05				.1	.1	.3	.3	.4				
06-08					.3	.4	.9	.1			.1	
09-11						.1	.2	.1	.1			
12-14					.1	.2	.1	.2	.1			
15-17			.1	.3	.5	.6	.1	.9		.2		
18-20				.7	.4	1.1	1.3	.6	.2			
21-23					.1	.7	1.1	.6	.2			
ALL HOURS			.0	.1	.2	.5	.5	.4	.1	.0	.0	
TOTAL OBS	7440	6792	7440	7200	7395	7021	7262	7440	7192	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS	
TSTMS						100.0	1	
LIQUID PRECIP	10.8		5.5	13.6	42.8	27.3	858	
FREEZING PRECIP	100.0						1	
FROZEN PRECIP	5.6		10.9	33.7	25.5	24.3	267	
FOG	16.3		5.7	35.1	25.9	17.0	683	
FOG WITH VIS GE 1/2 MILES	14.5		6.0	35.0	26.3	18.2	571	
TOTAL OBS	1225	0	534	1769	1850	2062	0	7440

MONTH: APR HOURS: ALL

TSTMS	10.0		10.0		30.0	50.0	10	
LIQUID PRECIP	4.9		4.2	9.8	42.4	38.6	549	
FREEZING PRECIP								
FROZEN PRECIP	5.6		16.9	16.9	31.0	29.6	71	
FOG	11.6		1.8	22.6	37.2	26.8	164	
FOG WITH VIS GE 1/2 MILES	8.2		2.0	20.4	40.1	29.3	147	
TOTAL OBS	943	0	417	1690	1703	2447	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS	
TSTMS	2.5		17.5	10.0	30.0	40.0	40	
LIQUID PRECIP	9.1		9.1	10.7	33.6	37.6	298	
FREEZING PRECIP								
FROZEN PRECIP								
FOG				19.0	28.6	52.4	21	
FOG WITH VIS GE 1/2 MILES				10.5	31.6	57.9	19	
TOTAL OBS	1374	0	464	1539	1604	2281	0	7262

MONTH: AUG HOURS: ALL

TSTMS	3.2		16.1	25.8	29.0	25.8	31	
LIQUID PRECIP	13.1		4.8	13.1	39.3	29.8	168	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	27.6		1.7	24.1	24.1	22.4	58	
FOG WITH VIS GE 1/2 MILES	29.4		2.0	17.6	25.5	25.5	51	
TOTAL OBS	1633	0	635	1705	1439	2028	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS	
TSTMS			100.0				1	
LIQUID PRECIP	7.8		2.0	21.5	52.9	15.9	820	
FREEZING PRECIP	9.1			50.0	31.8	9.1	22	
FROZEN PRECIP	14.7		3.8	42.0	27.8	11.7	605	
FOG	22.2		4.1	42.8	17.4	13.5	1837	
FOG WITH VIS GE 1/2 MILES	20.7		5.0	40.6	18.4	15.3	1441	
TOTAL OBS	1102	0	324	2547	1707	1520	0	7200

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	12.5		1.1	21.9	45.5	19.1	561	
FREEZING PRECIP	30.9		4.7	38.3	8.1	18.1	149	
FROZEN PRECIP	24.8		5.2	40.0	18.6	11.3	1320	
FOG	35.2		4.9	34.2	12.8	13.0	3295	
FOG WITH VIS GE 1/2 MILES	32.0		5.1	34.1	14.6	14.3	2506	
TOTAL OBS	1902	0	434	2560	1352	1192	0	7440

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

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

DAILY EXTREMES.

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

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

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
 FROM SUMMARY OF DAYDATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
 MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	31.1	38.2	44.7	51.1	54.7	59.6	77.3	74.6	70.1	62.4	39.6	28.7	52.8
TRACE	26.3	23.8	20.8	22.5	18.7	17.3	11.1	12.5	11.6	12.9	19.6	25.6	18.5
.01	4.5	4.0	4.2	4.1	3.2	2.8	1.8	2.3	2.4	1.9	3.2	5.3	3.3
.02-.05	11.5	11.0	9.7	7.2	7.6	6.4	3.2	3.0	5.4	7.8	11.0	11.0	7.9
.06-.10	7.4	6.5	5.9	4.2	4.6	4.2	2.2	1.8	2.7	4.7	7.4	9.7	5.1
.11-.25	10.1	10.9	9.7	6.5	5.8	5.5	2.3	3.0	4.2	5.7	9.6	10.4	6.9
.26-.50	7.3	4.2	3.5	3.2	4.0	3.0	1.5	1.9	2.8	2.9	6.9	6.9	4.0
.51-1.00	1.8	1.2	1.4	1.0	1.2	1.1	.5	.7	.9	1.6	2.4	2.2	1.3
1.01-2.50		.2	.1	.1	.2	.1	.1	.2			.2	.2	.1
2.51-5.00													
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	42.6	38.0	34.5	26.4	26.6	23.1	11.6	12.9	18.3	24.7	40.8	45.7	28.7
TOTAL NO. OF OBSERVATIONS	1412	1271	1417	1380	1426	1380	1426	1426	1380	1395	1368	1395	16676

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	1.20	1.20	.75	.92	1.00	1.08	.70	1.89	.04	.60	.28	.73	10.39
77	.61	.43	1.15	.13	1.59	1.10	.10	1.09	1.58	.42	2.06	4.27	14.53
78	1.92	1.44	.72	2.47	2.16	.86	1.65	1.41	.93	TRACE	2.13	1.02	16.71
79	1.21	2.15	.86	.90	1.35	.81	.57	.95	.74	1.34	1.28	2.06	14.22
80	2.03	1.89	1.10	1.35	2.34	1.36	.22	.47	.88	.96	1.84	4.07	18.51
81	1.07	1.43	2.19	.70	2.47	1.65	.51	.14	.77	1.32	1.02	2.77	16.04
82	2.03	2.14	1.54	2.04	.24	1.19	1.02	.33	1.70	1.68	1.84	2.52	18.27
83	1.82	2.25	2.14	.68	.88	2.40	1.97	.45	.71	1.06	4.57	2.40	21.33
84	.96	1.31	2.08	1.53	1.52	1.62	.06	.70	.49	.67	3.99	2.68	17.61
85	.41	.94	1.12	.18	.78	.65	.19	.34	1.31	1.26	2.23	.56	9.97
86	3.12	1.71	1.37	1.10	.74	.49	.25	.02	2.11	.48	1.53	.88	13.80
87	1.46	.75	1.95	.92	.92	.68	2.14	2.17	.03	.06	1.08	3.67	15.83
88	1.49	.20	1.22	1.46	1.27	1.14	.14	.01	1.63	.09	4.27	1.63	14.55
89	.84	1.04	2.59	.69	2.10	.18	.25	1.80	.06				9.55*
LEAST	.41	.19	.12	.03	.13	.01	TRACE	.00	TRACE	TRACE	.28	.56	9.97
GREATEST	5.26	3.56	3.64	3.12	5.95	2.49	2.29	2.92	2.16	6.47	6.52	4.56	21.33
MEAN	2.03	1.46	1.44	1.04	1.29	1.04	.49	.68	.79	1.14	2.13	2.19	15.81
MEDIAN	1.78	1.42	1.22	.92	1.09	.99	.31	.47	.72	1.06	1.98	2.17	15.90
SD	1.188	.820	.782	.699	.956	.573	.573	.704	.569	1.110	1.271	1.122	2.757
TOTAL OBS	1412	1271	1417	1380	1426	1380	1426	1426	1380	1395	1368	1395	16676

THE GREATEST VALUE OF 6.52 OCCURRED ON 11/73

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	.45	.49	.38	.38	.33	.73	.46	.60	.04	.35	.07	.26	.73
77	.18	.21	.39	.12	.27	.73	.08	.45	.46	.18	.58	.76	.76
78	.42	.38	.21	.65	.52	.57	.56	.94	.35	TRACE	.56	.16	.94
79	.47	.33	.33	.38	.47	.49	.57	.48	.36	.51	.34	.30	.57
80	.30	.36	.19	.37	.72	.36	.10	.30	.58	.31	.57	.92	.92
81	.62	.29	.78	.31	.87	.51	.16	.14	.35	.43	.41	.64	.87
82	.55	.57	.65	.79	.07	.52	.34	.25	.44	.58	.33	.50	.79
83	.39	.39	.65	.26	.22	.63	.60	.21	.34	.36	1.09	.52	1.09
84	.40	.30	.24	.38	.35	.47	.05	.65	.25	.24	.55	.84	.84
85	.33	.21	.35	.15	.20	.33	.19	.15	.25	.31	.62	.23	.62
86	.45	.38	.61	.1	.25	.16	.10	.01	.41	.26	.22	.31	.61
87	.36	.30	.47	.34	.49	.28	.62	1.48	.03	.03	.48	.97	1.48
88	.72	.12	.37	.80	.74	.27	.08	.01	.71	.09	.83	.27	.83
89	.22	.33	.81	.20	.59	.05	.23	.92	.03				.92*
.....													
GREATEST	.97	1.20	1.75	1.13	1.68	1.41	1.06	1.48	.90	.96	1.23	1.15	1.75
.....													
TOTAL OBS	1412	1271	1417	1380	1426	1380	1426	1426	1380	1395	1368	1395	16676
.....													

THE GREATEST VALUE OF 1.75 OCCURRED ON 03/19/49

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

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	7.7	6.4	3.2	TRACE	.0	.0	.0	.0	.0	.1	11.5	3.0	31.9
47	8.5	.8	TRACE	1.0	.0	.0	.0	.0	.0	.0	5.9	14.3	30.5
48	8.1	9.2	.5	TRACE	TRACE	.0	.0	.0	.0	1.5	2.8	29.4	51.5
49	10.2	18.7	3.6	.0	.0	.0	.0	.0	.0	TRACE	2.0	8.0	42.5
50	44.4	10.3	5.9	TRACE	TRACE	.0	.0	.0	.0	TRACE	5.9	5.4	71.9
51	21.0	4.5	5.4	.0	.0	.0	.0	.0	.0	.7	1.0	32.6	65.2
52	31.8	7.1	3.8	TRACE	.0	.0	.0	.0	.0	.0	TRACE	25.6	68.3
53	10.6	2.7	2.1	.2	.0	.0	.0	.0	.0	.0	.3	4.3	20.2
54	31.8	3.8	.5	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	6.2	42.3
55	11.7	17.6	3.3	.4	TRACE	.0	.0	.0	.0	TRACE	25.0	16.3	74.3
56	16.5	14.2	6.0	TRACE	.0	.0	.0	.0	.0	1.1	1.8	3.3	42.9
57	16.7	4.4	3.5	.1	.0	.0	.0	.0	.0	5.0	2.5	9.6	41.8
58	5.8	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	7.4	6.8	22.0
59	19.4	16.1	2.5	TRACE	1.0	.0	.0	.0	.0	.0	5.9	5.2	50.1
60	8.5	3.5	6.5	3.0	.1	.0	.0	.0	.0	.0	5.4	7.1	34.1
61	6.3	8.3	4.0	.8	TRACE	.0	.0	.0	TRACE	TRACE	10.1	16.4	45.9
62	8.8	4.5	11.4	.9	.0	.0	.0	.0	.0	.0	4.1	.5	30.2
63	6.3	3.2	1.1	.2	TRACE	.0	.0	.0	.0	.0	TRACE	19.6	30.4
64	19.8	5.9	2.5	2.0	.0	.0	.0	.0	.0	TRACE	11.6	36.6	78.4
65	16.3	1.5	.2	1.5	.0	.0	.0	.0	.0	.0	8.4	19.4	47.3
66	10.8	2.0	7.5	TRACE	TRACE	.0	.0	.0	.0	.5	1.7	8.6	31.1
67	10.8	3.3	7.3	.5	1.3	.0	.0	.0	.0	TRACE	5.2	18.6	47.0
68	12.7	.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	1.3	15.7	30.1
69	50.7	5.1	2.2	.8	.0	.0	.0	.0	.0	TRACE	TRACE	15.2	74.0
70	18.8	2.5	6.6	TRACE	TRACE	.0	.0	.0	.0	TRACE	6.9	15.9	50.7
71	8.2	8.0	3.7	TRACE	TRACE	.0	.0	.0	.0	3.8	7.0	34.9	65.6
72	17.1	7.0	2.8	1.0	.0	.0	.0	.0	TRACE	1.1	TRACE	7.5	36.5
73	6.3	3.3	1.0	.6	TRACE	TRACE	.0	.0	.0	1.1	25.2	8.2	45.7
74	12.1	6.4	2.1	.3	TRACE	.0	.0	.0	.0	.0	.7	15.2	36.8
75	25.7	31.6	9.1	6.3	TRACE	.0	.0	.0	.0	.6	12.0	8.0	93.3
76	15.4	6.1	4.2	.6	.0	.0	.0	.0	.0	.0	.3	5.3	31.9
77	5.8	1.1	1.8	TRACE	TRACE	.0	.0	.0	TRACE	TRACE	11.5	27.1	47.3
78	16.7	7.3	2.1	.4	TRACE	.0	.0	.0	.0	TRACE	14.8	10.6	51.9
79	14.6	12.0	.7	.4	TRACE	.0	TRACE	.0	.0	TRACE	5.3	11.7	44.7
80	19.5	7.1	4.7	TRACE	TRACE	TRACE	.0	.0	.0	TRACE	1.4	8.3	41.0

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
46	3.8	4.2	3.1	TRACE	.0	.0	.0	.0	.0	.1	4.0	3.0	4.2
47	2.0	.8	TRACE	1.0	.0	.0	.0	.0	.0	.0	2.0	5.1	5.1
48	3.6	4.5	.4	TRACE	TRACE	.0	.0	.0	.0	1.0	1.0	6.1	6.1
49	5.0	6.4	1.5	.0	.0	.0	.0	.0	.0	TRACE	2.0	3.0	6.4
50	7.5	7.5	3.3	TRACE	TRACE	.0	.0	.0	.0	TRACE	2.2	2.4	7.5
51	4.3	2.3	1.7	.0	.0	.0	.0	.0	.0	.7	1.0	10.8	10.8
52	5.5	2.1	1.0	TRACE	.0	.0	.0	.0	.0	.0	TRACE	6.9	6.9
53	4.1	1.2	1.2	.1	.0	.0	.0	.0	.0	.0	.3	1.8	4.1
54	6.5	1.4	.2	TRACE	TRACE	.0	.0	.0	.0	.0	TRACE	2.1	6.5
55	2.4	5.4	2.0	.4	TRACE	.0	.0	.0	.0	TRACE	7.9	2.4	7.9
56	4.5	2.6	2.4	TRACE	.0	.0	.0	.0	.0	1.0	.9	1.5	4.5
57	3.0	2.1	1.5	.1	.0	.0	.0	.0	.0	4.8	1.4	4.0	4.8
58	1.7	TRACE	2.0	TRACE	.0	.0	.0	.0	.0	.0	3.2	5.0	5.0
59	4.2	3.6	1.8	TRACE	1.0	.0	.0	.0	.0	.0	4.6	2.2	4.6
60	3.2	1.5	1.9	1.8	.1	.0	.0	.0	.0	.0	1.5	2.3	3.2
61	6.3	2.3	2.0	.8	TRACE	.0	.0	.0	TRACE	TRACE	3.1	2.5	6.3
62	4.4	2.7	3.9	.9	.0	.0	.0	.0	.0	.0	1.7	.3	4.4
63	5.9	2.0	1.0	.2	TRACE	.0	.0	.0	.0	.0	TRACE	5.5	5.9
64	4.7	2.5	1.0	1.0	.0	.0	.0	.0	.0	TRACE	5.8	5.5	5.8
65	4.5	1.0	.2	1.2	.0	.0	.0	.0	.0	.0	4.0	6.0	6.0
66	2.6	1.0	3.8	TRACE	TRACE	.0	.0	.0	.0	.5	1.5	3.8	3.8
67	2.2	2.5	2.1	.2	1.3	.0	.0	.0	.0	TRACE	4.0	4.6	4.6
68	3.4	.4	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	1.0	4.8	4.8
69	7.3	1.0	2.2	.8	.0	.0	.0	.0	.0	TRACE	TRACE	3.0	7.3
70	3.5	1.5	5.4	TRACE	TRACE	.0	.0	.0	.0	TRACE	3.4	3.0	5.4
71	3.0	2.3	.9	TRACE	TRACE	.0	.0	.0	.0	2.8	3.2	6.0	6.0
72	4.5	2.6	1.1	1.0	.0	.0	.0	.0	TRACE	1.1	TRACE	2.5	4.5
73	3.8	2.2	.7	.6	TRACE	TRACE	.0	.0	.0	1.1	8.0	4.8	8.0
74	5.6	1.9	1.0	.2	TRACE	.0	.0	.0	.0	.0	.5	5.5	5.6
75	7.8	8.8	4.3	2.7	TRACE	.0	.0	.0	.0	.3	5.2	4.7	8.8
76	4.5	1.9	3.2	.6	.0	.0	.0	.0	.0	.0	.1	1.5	4.5
77	2.0	1.0	1.3	TRACE	TRACE	.0	.0	.0	TRACE	TRACE	4.9	8.3	8.3
78	5.1	5.2	.9	.3	TRACE	.0	.0	.0	.0	TRACE	3.8	2.3	5.2
79	4.9	2.7	.3	.4	TRACE	.0	TRACE	.0	.0	TRACE	3.1	3.3	4.9
80	4.3	3.2	1.5	TRACE	TRACE	TRACE	.0	.0	.0	TRACE	1.0	3.0	4.3

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	27.3	52.0	83.0	98.8	100.0	100.0	100.0	100.0	100.0	99.3	80.5	40.9	82.0
TRACE	12.3	9.3	7.2	.8						.2	6.2	7.7	3.6
1	8.6	7.1	3.4	.1						.4	3.6	8.6	2.6
2	6.2	6.2	2.2	.2						.1	2.5	9.0	2.2
3	6.5	4.9	1.4	.1							2.0	8.2	1.9
4-6	15.2	8.9	2.3							.1	3.7	14.3	3.7
7-12	13.8	6.6	.6								1.2	9.3	2.6
13-24	7.7	3.9									.4	1.6	1.1
25-36	2.1	.6										.2	.2
37-48	.1	.6											.1
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	60.3	38.7	9.9	.4						.5	13.3	51.3	14.4
TOTAL NO. OF OBSERVATIONS	1426	1271	1426	1380	1426	1380	1426	1426	1380	1395	1380	1395	16711

OPERATING LOCATION 'A'
USAFETA, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
76	5	2	1	1	0	0	0	0	0	0	TRACE	2	5
77	5	1	TRACE	0	0	0	0	0	0	0	5	12	12
78	17	12	1	TRACE	0	0	0	0	0	0	8	9	17
79	14	14	TRACE	0	0	0	0	0	0	0	5	7	14
80	10	4	2	0	0	0	0	0	0	0	1	3	10
81	3	2	TRACE	0	0	0	0	0	0	0	0	6	6
82	18	3	TRACE	2	0	0	0	0	0	0	3	10	18
83	8	4	0	0	0	0	0	0	0	0	1	11	11
84	11	2	TRACE	0	0	0	0	0	0	0	4	13	13
85	12	20	4	0	0	0	0	0	0	0	15	18	20
86	19	8	0	0	0	0	0	0	0	0	1	5	19
87	6	TRACE	0	0	0	0	0	0	0	0	1	11	11
88	12	2	3	0	0	0	0	0	0	0	6	6	12
89	5	12	6	0	0	0	0	0	0	0			12*
.....													
GREATEST	41	45	11	3	0	0	0	0	0	5	15	28	45
.....													
TOTAL OBS	1426	1271	1426	1380	1426	1380	1426	1426	1380	1395	1380	1395	16711
.....													

THE GREATEST VALUE OF 45 OCCURRED ON 02/01/69

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA

PERIOD OF RECORD: 4311-8909

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
76 - 77	NOV 15	NOV 21	DEC 04	MAY 27	MAR 16	FEB 26
77 - 78	SEP 29	NOV 09	NOV 09	MAY 24	APR 23	MAR 05
78 - 79	OCT 31	NOV 09	NOV 16	JUL 01	APR 02	FEB 24
79 - 80	OCT 20	NOV 22	NOV 23	JUN 01	MAR 29	MAR 14
80 - 81	OCT 21	NOV 23	NOV 24	JUN 10	MAY 04	FEB 13
81 - 82	SEP 25	NOV 30	DEC 01	MAY 03	APR 07	APR 07
82 - 83	OCT 07	NOV 12	NOV 21	JUN 12	FEB 09	FEB 11
83 - 84	OCT 18	NOV 19	NOV 20	MAY 31	MAY 06	FEB 26
84 - 85	OCT 14	NOV 01	NOV 09	MAY 04	MAR 30	MAR 30
85 - 86	OCT 07	OCT 31	NOV 09	MAY 13	FEB 22	FEB 23
86 - 87	NOV 05	NOV 07	NOV 07	MAY 02	FEB 22	JAN 31
87 - 88	NOV 15	NOV 16	NOV 16	MAY 01	MAR 29	MAR 29
88 - 89	NOV 08	NOV 08	NOV 09	MAY 02	APR 01	MAR 17
MEDIAN-DATE	OCT 27	NOV 11	NOV 16	MAY 04	APR 01	MAR 09

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL TO 1/2 MILES (0800 METERS) THE CEILING MUST BE GREATER THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET. IF THIS CONDITION IS NOT MET, THEN THE FOLLOWING CONDITION IS TESTED: WHEN THE CEILING IS GREATER THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4612-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
81	24/ 23	22/ 38	07/ 32	23/ 48	25/ 30	20/ 32	22/ 26	17/ 24	24/ 34	18/ 29	19/ 50	21/ 38	19/ 50
82	22/ 49	23/ 39	24/ 40	22/ 39	27/*31	18/*19	22/ 31	23/ 46	27/ 28	20/ 31	21/ 31	22/ 44	22/*49
83	23/ 42	22/ 35	23/ 31	24/ 26	06/ 28	29/ 30	24/ 29	21/ 24	25/ 36	26/ 30	22/ 35	04/ 29	23/ 42
84	22/ 32	17/ 25	24/ 34	25/ 31	25/ 32	25/ 32	17/ 32	25/ 38	22/ 35	21/ 40	22/ 36	22/ 40	21/ 40
85	03/ 14	23/ 38	23/ 28	27/ 46	06/ 33	22/ 36	25/ 26	26/ 28	22/*25	17/ 32	03/ 35	04/ 20	27/*46
86	21/ 43	20/ 36	24/ 36	23/ 28	25/ 40	27/ 41	28/ 22	25/ 24	14/ 35	23/ 23	21/ 40	21/ 29	21/ 43
87	19/ 30	03/ 38	24/ 25	26/ 44	23/ 35	22/ 36	26/ 30	07/ 33	24/ 37	26/ 20	23/ 28	23/ 39	26/ 44
88	20/ 30	22/ 35	21/ 38	20/ 35	24/ 29	22/ 27	23/ 27	26/ 26	24/ 28	23/ 26	21/ 35	21/ 35	21/ 38
89	20/ 36	05/ 33	21/ 46	23/ 32	22/ 30	02/ 30	22/ 26	25/ 24	03/ 25				21/*46
.....													
GREATEST	SW 64	SSW 57	SW 67	SW 50	SSW 56	WSW 59	SW 49	23/ 46	WSW 43	SSW 54	WSW 62	WSW 55	SW 67
.....													
TOTAL OBS	1233	1152	1307	1258	1259	1187	1270	1264	1208	1204	1150	1247	14739
.....													

THE PEAK WIND OF 67 FROM SW OCCURRED ON 03/21/55

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.4										2.3	5.0	5.0
020-040	4.7	3.9	1.6	.3	.1							10.6	5.0	5.0
050-070	8.7	6.6	.8	.1	.1							16.2	4.9	4.0
(E) 080-100	1.3	1.4										2.7	4.6	5.0
110-130	1.1	.5	.1									1.7	4.5	4.0
140-160	1.7	1.3	.4	.4								3.9	6.6	5.0
(S) 170-190	3.4	2.7	2.0	.3								8.5	6.6	6.0
200-220	2.7	3.8	5.1	1.4	1.0	.1						14.0	10.1	10.0
230-250	2.6	1.2	2.0	1.6	.6	.2						8.3	10.6	10.0
(W) 260-280	1.7	.5	.2									2.5	4.3	4.0
290-310	1.0											1.0	2.9	3.0
320-340	.8	.1										.9	2.9	2.0
VARIABLE														
CALM	////////////////////											27.5	////	////
TOTALS	30.6	23.4	12.2	4.1	1.8	.3						100.0	5.0	5.5
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.2										1.3	3.3	2.0
020-040	6.7	5.7	1.1	.4	.1							14.0	5.6	5.0
050-070	9.6	8.7	.8									19.0	4.9	4.0
(E) 080-100	4.1	1.4	.1									5.6	3.7	3.5
110-130	1.3	.4										1.7	3.7	4.0
140-160	1.7	1.2	.6									3.5	5.5	5.0
(S) 170-190	2.7	3.1	1.8	.3								8.0	6.7	6.0
200-220	2.4	4.3	4.3	2.0	.4	.2	.2					13.9	10.3	10.0
230-250	1.5	.8	1.0	1.0	.5							4.7	10.3	10.0
(W) 260-280	1.6	.6	.4	.2	.1							3.0	6.1	4.0
290-310	.4			.1								.5	5.2	2.0
320-340	.6	.4										1.1	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											23.7	////////////////////////////////	
TOTALS	33.7	26.8	10.1	4.0	1.1	.2	.2					100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	.3	.2	.3									.9	6.4	5.5
020-040	7.4	6.3	1.3	.8								15.8	5.8	5.0
050-070	6.3	9.2	2.7	.3								18.6	6.2	6.0
(E) 080-100	3.1	1.9	.1									5.2	4.3	4.0
110-130	1.9	.9	.3									3.1	4.5	4.0
140-160	3.0	2.4	.5									5.9	5.2	4.0
(S) 170-19	2.9	3.0	1.7	.1	.1							7.8	6.5	6.0
200-220	2.6	4.0	5.4	2.3	1.5	.1						15.8	10.9	10.0
230-250	1.7	2.6	1.9	1.5	.3	.3						8.4	10.3	9.0
(W) 260-280	1.3	1.0	.4									2.7	5.4	5.0
290-310	.3	.5	.1									1.0	5.9	6.0
320-340	.1	.2										.3	4.3	5.0
VARIABLE														
CALM	////////////////////////////////////											14.5	////////////////////////////////	
TOTALS	30.9	32.2	14.7	5.0	1.9	.4						100.0	6.1	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	.5										2.5	3.3	4.0
020-040	6.2	4.8	1.4	.4								12.9	5.7	5.0
050-070	5.7	7.5	.3	.4								14.0	5.6	5.0
(E) 080-100	2.0	1.3	.1									3.4	4.3	4.0
110-130	1.2	1.0	.3									2.5	5.7	6.0
140-160	2.0	1.1	.2									3.3	4.4	4.0
(S) 170-190	2.7	3.3	1.1	.4								7.5	6.5	6.0
200-220	3.5	4.8	4.0	1.7	1.2	.5						15.8	9.9	9.0
230-250	3.0	1.4	1.7	.4		.1						6.7	7.0	5.0
(W) 260-280	1.6	1.0	.1			.1						2.8	5.4	4.0
290-310	.6	.8	.1									1.5	4.7	5.0
320-340	.9	.4										1.3	3.4	3.0
VARIABLE														
CALM	////////////////////											25.8	////////	
TOTALS	31.3	27.9	9.3	3.3	1.2	.7						100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.1	.6	.1									1.8	4.1	4.0
020-040	6.2	5.7	1.3	.5	.0							13.7	5.7	5.0
050-070	7.3	8.0	1.3	.1	.0	.0						16.8	5.5	5.0
(E) 080-100	2.9	1.4	.1									4.4	4.1	4.0
110-130	1.5	.7	.2									2.4	4.4	4.0
140-160	2.1	1.8	.4	.1								4.4	5.4	5.0
(S) 170-190	2.9	3.2	1.7	.3	.1							8.1	6.7	6.0
200-220	2.7	4.1	4.6	1.9	1.0	.2	.1					14.6	10.4	10.0
230-250	2.2	1.6	1.5	.9	.4	.1	.0					6.9	9.3	8.0
(W) 260-280	1.6	.9	.3	.1	.0	.0						2.9	5.5	4.0
290-310	.6	.3	.0	.0								.9	4.2	3.0
320-340	.6	.3	.0									.8	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											22.3	////////////////////////////////	
TOTALS	31.7	28.6	11.5	3.9	1.5	.3	.1					100.0	5.2	6.0
TOTAL NUMBER OF OBSERVATIONS 7440														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.6										1.6	3.7	3.5
020-040	5.8	3.2	2.2	.9	.7							12.8	7.4	5.0
050-070	7.4	10.2	.8									18.5	5.1	5.0
(E) 080-100	1.9	1.1	.1									3.1	4.3	4.0
110-130	1.3	.9	.4									2.6	4.8	4.5
140-160	1.9	1.9	.2	.1								4.1	5.1	5.0
(S) 170-190	3.4	5.1	1.1									9.5	5.6	6.0
200-220	3.4	4.8	3.8	1.4	1.2							14.6	9.3	8.0
230-250	2.2	1.3	1.4	.4	.2							5.5	7.7	6.0
(W) 260-280	2.0	.9	.2	.1								3.3	4.7	4.0
290-310	.6	.5	.1									1.2	5.3	4.5
320-340	.8	.4										1.2	3.6	3.0
VARIABLE														
CALM	////////////////////											21.9	////	////
TOTALS	31.8	30.9	10.3	2.9	2.1							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	.1										1.2	3.3	3.5
020-040	6.9	4.7	1.8	1.9	.5							15.8	7.1	5.0
050-070	6.6	9.7	1.5									17.8	5.7	6.0
(E) 080-100	3.4	2.1	.1									5.7	4.2	4.0
110-130	1.6	.8										2.5	4.0	4.0
140-160	2.0	2.0	.9	.2								5.2	6.4	6.0
(S) 170-190	2.8	5.1	2.2	.1								10.2	6.9	7.0
200-220	3.2	6.2	3.2	1.2	.4							14.1	8.1	8.0
230-250	2.7	2.2	1.1	.5	.4							6.8	7.4	6.0
(W) 260-280	.8	.4										1.2	3.7	4.0
290-310	.2	.2										.5	4.8	4.5
320-340	.4	.1	.1									.6	5.2	3.0
VARIABLE														
CALM	////////////////////////////////////											18.5	////////////////////////////////	
TOTALS	31.7	33.6	10.9	3.9	1.3							100.0	5.3	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.2	.2									1.2	4.6	4.0
020-040	3.8	6.6	2.7	1.3	.7							15.1	8.2	7.5
050-070	5.2	9.9	2.1	.5	.1							17.8	6.5	6.0
(E) 080-100	2.6	2.1	.6		.1							5.4	5.4	5.0
110-130	1.4	1.3	.1									2.8	4.7	4.5
140-160	3.3	2.5	.6	.2								6.6	5.5	4.5
(S) 170-190	3.7	6.1	1.9	.1								11.8	6.4	6.0
200-220	2.0	6.2	6.4	1.5	.5							16.6	9.4	10.0
230-250	1.3	2.8	3.5	1.9	.4	.1						10.0	10.8	10.0
(W) 260-280	1.5	.9		.1	.1							2.7	5.3	3.0
290-310	.7	.2										.9	3.3	2.5
320-340	.1	.2										.4	5.0	5.0
VARIABLE														
CALM	////////////////////////////////////											8.7	////////////////////////////////	
TOTALS	26.3	39.0	18.1	5.6	1.9	.1						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	.9										3.3	3.6	3.5
020-040	7.9	6.0	1.5	.8	.6							16.8	6.2	5.0
050-070	4.9	3.2	1.2	.4	.4							10.0	6.3	5.0
(E) 080-100	2.2	.8										3.1	4.0	4.0
110-130	1.8	.7										2.5	3.6	3.0
140-160	2.1	1.2										3.3	4.1	4.0
(S) 170-190	3.5	3.4	.8									7.8	5.5	5.0
200-220	3.5	5.4	2.8	1.3	.6							13.7	8.5	7.0
230-250	3.3	2.0	2.2	.4								7.9	6.9	6.0
(W) 260-280	3.2	.7	.7	.4								4.9	5.5	4.0
290-310	1.5	.4	.1									2.0	3.9	3.0
320-340	1.1	.2										1.3	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											23.4	////////////////////////////////	
TOTALS	37.4	24.9	9.3	3.3	1.6							100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.2	.5	.0									1.8	3.8	4.0
020-040	5.6	5.1	2.0	1.3	.6	.0						14.6	7.3	6.0
050-070	6.5	8.3	1.6	.2	.1							16.8	5.9	6.0
(E) 080-100	2.7	1.4	.2		.0							4.3	4.5	4.0
110-130	1.5	.9	.1									2.5	4.4	4.0
140-160	2.6	2.0	.4	.1								5.1	5.4	4.0
(S) 170-190	3.4	4.5	1.6	.1								9.6	6.2	6.0
200-220	3.2	5.8	4.2	1.2	.7							15.1	8.7	8.0
230-250	2.3	2.2	2.2	.7	.2	.0						7.7	8.3	8.0
(W) 260-280	1.9	.9	.2	.1	.0							3.3	5.1	4.0
290-310	.9	.3	.1	.0								1.2	4.1	3.0
320-340	.6	.3	.0									.9	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											17.0	////////////////////////////////	
TOTALS	32.4	32.2	12.6	3.7	1.6							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.5										1.5	4.7	4.0
020-040	5.4	2.3	1.7	.1								9.5	5.6	4.0
050-070	4.8	4.1	.5									9.5	4.9	4.0
(E) 080-100	2.6	.6										3.2	3.3	3.0
110-130	1.7	.4	.1									2.3	3.5	3.0
140-160	4.2	1.1	.4									5.7	3.9	3.0
(S) 170-190	5.4	4.9	.6	.1								11.1	5.1	5.0
200-220	3.5	8.5	3.9	.5		.1						16.6	7.3	7.0
230-250	3.2	3.1	1.1	.5	.1							8.1	6.4	6.0
(W) 260-280	2.2	1.7	.5									4.4	5.2	5.0
290-310	1.5	1.2										2.7	4.4	4.0
320-340	1.0	1.0	.1									2.0	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											23.5	////////////////////////////////	
TOTALS	36.5	29.4	8.9	1.2	.1	.1						100.0	4.2	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.0	.5	.1									1.6	4.9	4.0
020-040	2.8	2.3	2.3	.4	.1							7.8	7.6	8.0
050-070	8.4	7.5	1.5									17.4	5.1	5.0
(E) 080-100	3.0	1.2	.2									4.4	4.2	4.0
110-130	1.9	.9										2.8	3.6	4.0
140-160	2.9	1.5	.2									4.6	4.2	4.0
(S) 170-190	5.7	7.0	1.6									14.3	5.5	5.0
200-220	2.9	9.5	5.3	1.2	.1							18.9	8.1	8.0
230-250	.6	2.3	1.8	.6	.3							5.7	9.8	9.0
(W) 260-280	1.4	.5										1.9	3.8	3.0
290-310	1.2	.3										1.5	3.0	2.0
320-340	1.0	.4	.1									1.5	4.6	4.0
VARIABLE														
CALM	////////////////////											17.4	////	////
TOTALS	32.8	33.9	13.1	2.2	.5							100.0	5.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.0	.4									2.4	6.0	5.0
020-040	1.5	2.3	2.9	.2	.1	.2						7.2	9.0	9.0
050-070	1.7	3.5	2.7	.4								8.4	7.8	8.0
(E) 080-100	1.6	1.4	.6									3.7	5.9	5.0
110-130	2.2	2.0	.4									4.6	5.2	5.0
140-160	2.9	3.4	1.1	.2								7.6	6.2	6.0
(S) 170-190	3.1	5.7	1.5	.4								10.8	6.7	6.0
200-220	3.0	10.1	6.3	1.9	.5	.1						22.0	9.1	8.0
230-250	3.1	4.9	5.9	2.4	1.0	.2						17.5	9.9	10.0
(W) 260-280	1.7	2.6	1.9	.3	.1		.1					6.8	8.2	8.0
290-310	.6	1.0	.2									1.8	6.1	6.0
320-340	.9	.1	.1									1.1	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											6.1	////////////////////////////////	
TOTALS	23.3	38.0	24.0	5.8	1.7	.5	.1					100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.4	.8										2.2	4.2	4.0
020-040	1.8	3.9	1.6	.1								7.4	6.7	6.0
050-070	2.3	3.2	.3									5.8	5.6	6.0
(E) 080-100	1.6	.5										2.2	3.8	3.0
110-130	1.8	1.2										3.0	3.8	4.0
140-160	4.2	1.5	.3	.1								6.1	4.1	3.0
(S) 170-190	5.6	3.5	.5									9.7	4.7	4.0
200-220	6.9	8.2	1.7	.3								17.1	5.7	5.0
230-250	6.3	5.5	1.2	1.4	.2							14.6	6.5	5.0
(W) 260-280	3.5	1.3	.3	.1								5.3	4.6	3.0
290-310	2.2	1.2	.1	.1	.1							3.7	5.3	4.0
320-340	1.3	.6	.1									2.0	4.1	4.0
VARIABLE														
CALM	////////////////////////////////////											21.0	////////////////////////////////	
TOTALS	38.9	31.4	6.1	2.1	.3							100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.0	.7	.2		.0							1.8	5.2	4.0
020-040	2.8	2.7	2.0	.3	.1	.0						8.0	7.2	6.0
050-070	4.0	4.6	1.5	.1	.0							10.3	6.0	5.0
(E) 080-100	2.4	1.1	.2									3.6	4.3	4.0
110-130	1.8	1.0	.2	.0								2.9	4.4	4.0
140-160	3.1	2.1	.6	.1								5.9	5.0	4.0
(S) 170-190	4.7	5.2	1.3	.1								11.3	5.6	5.0
200-220	4.4	8.9	4.7	1.0	.2	.0						19.2	7.7	7.0
230-250	2.7	4.2	3.0	1.0	.4	.0						11.3	8.5	8.0
(W) 260-280	2.5	1.7	.8	.1	.1		.0					5.3	6.1	5.0
290-310	1.3	.9	.1	.0	.0							2.4	5.0	4.0
320-340	.9	.6	.1	.0								1.6	4.7	4.0
VARIABLE														
CALM	////////////////////											16.5	////	////
TOTALS	31.6	33.7	14.7	2.7	.8							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.4	.2									2.0	4.0	2.0
020-040	3.1	2.2	1.0									6.3	5.4	5.0
050-070	4.6	4.2	.4									9.2	4.9	5.0
(E) 080-100	2.2	.6										2.8	3.7	4.0
110-130	2.2	.1										2.3	2.8	2.0
140-160	3.6	1.2										4.8	3.7	4.0
(S) 170-190	5.9	4.7	.6									11.1	4.8	4.0
200-220	5.3	10.9	4.6	.6								21.3	7.1	7.0
230-250	4.1	2.9	2.8	.2	.3							10.3	7.1	7.0
(W) 260-280	3.4	.8	.7	.1								5.0	5.1	4.0
290-310	.7	.7										1.3	4.9	4.5
320-340	1.1	.6										1.7	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											21.8	////////////////////////////////	
TOTALS	37.5	29.3	10.3	.9	.3							100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3										.8	4.7	4.0
020-040	2.4	3.2	1.4	.1								7.2	6.5	6.0
050-070	7.6	8.8	3.3									19.7	6.1	6.0
(E) 080-100	5.0	2.4	.3									7.8	4.2	4.0
110-130	2.0	1.0										3.0	3.8	3.0
140-160	3.3	1.4										4.8	3.9	4.0
(S) 170-190	4.9	8.6	.6									14.0	5.5	5.0
200-220	4.0	14.4	6.1	.9	.1							25.6	7.7	7.5
230-250	1.4	1.9	3.4	.7	.1							7.6	9.3	10.0
(W) 260-280	.2	.9	.3									1.4	6.8	7.0
290-310	.3	.1		.1								.6	6.8	4.0
320-340	.7											.7	2.7	2.5
VARIABLE														
CALM	////////////////////////////////////											7.0	////////////////////////////////	
TOTALS	32.2	43.0	15.4	1.8	.2							100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	.7	.2									1.3	5.5	6.0
020-040	1.8	1.8	1.8	.7	.2							6.2	8.4	8.0
050-070	2.0	3.7	1.4	.1								7.2	6.7	6.0
(E) 080-100	2.6	1.1	.2	.1								4.0	4.8	4.0
110-130	1.1	1.8	.1									3.0	5.1	5.0
140-160	2.2	1.1	.7	.1								4.1	5.8	4.0
(S) 170-190	1.7	5.2	2.3	.1								9.3	7.4	7.0
200-220	3.9	10.4	9.9	1.7								25.9	8.7	9.0
230-250	2.3	7.1	7.4	2.7	.9	.2	.1					20.8	10.3	10.0
(W) 260-280	1.1	3.2	2.2	.8	.1							7.4	8.5	8.0
290-310	.9	.9	.4									2.2	5.9	5.0
320-340	.8	.7										1.4	4.5	3.0
VARIABLE														
CALM	////////////////////											7.0	////////////////	
TOTALS	20.8	37.7	26.6	6.3	1.2	.2	.1					100.0	7.6	8.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.3	1.1	.3									2.8	5.2	5.0
020-040	3.7	3.0	1.1	.2	.1							8.1	6.1	5.0
050-070	2.0	3.9	.7	.1								6.7	6.4	6.0
(E) 080-100	1.2	1.0	.3									2.6	5.3	5.0
110-130	1.8	.3										2.1	3.3	4.0
140-160	1.7	.9	.2									2.8	4.6	4.0
(S) 170-190	6.0	3.0	1.1									10.1	4.6	4.0
200-220	9.7	7.9	2.3	.3								20.2	5.5	5.0
230-250	6.2	6.7	3.1	.7								16.7	6.5	6.0
(W) 260-280	3.9	2.3	1.1	.8	.2							8.3	6.7	5.0
290-310	1.7	1.0	.3									3.0	5.0	4.0
320-340	.4	.8	.1									1.3	5.9	6.5
VARIABLE														
CALM	////////////////////											15.3	////	////
TOTALS	39.6	31.9	10.6	2.1	.3							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN %	WIND WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.6	.2									1.6	4.8	4.5
020-040	2.9	2.6	1.3	.2	.1							7.2	6.3	6.0
050-070	3.9	4.5	1.5	.3								10.2	6.1	6.0
(E) 080-100	2.3	1.5	.3	.0								4.2	4.8	4.0
110-130	1.7	1.0	.1		.0							2.8	4.3	4.0
140-160	2.2	1.4	.3	.0								3.9	4.8	4.0
(S) 170-190	4.3	5.4	1.0	.0								10.7	5.6	5.0
200-220	5.3	10.5	5.8	.9	.1							22.6	7.6	7.0
230-250	3.7	5.3	4.2	1.2	.3	.1	.0					14.9	8.4	8.0
(W) 260-280	2.1	2.0	1.3	.4	.1	.0						5.8	7.2	6.0
290-310	1.0	.7	.2	.0	.0	.0						2.0	5.6	4.0
320-340	.6	.5	.1									1.2	4.7	4.0
VARIABLE														
CALM	////////////////////////////////////											13.1	////////////////////////////////	
TOTALS	30.8	36.0	16.3	3.0	.6	.1						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.4										1.3	4.0	3.5
020-040	4.1	2.2	.3									6.7	4.2	4.0
050-070	5.9	1.7										7.6	3.7	4.0
(E) 080-100	1.3	.4										1.7	3.5	3.0
110-130	1.2											1.2	2.4	2.0
140-160	3.8	.5										4.4	3.0	3.0
(S) 170-190	4.7	2.6	.9									8.2	4.9	4.0
200-220	7.5	8.6	4.0	.3								20.5	6.2	6.0
230-250	4.9	4.0	1.1	.2								10.3	5.4	5.0
(W) 260-280	4.1	1.9	.3									6.3	4.2	4.0
290-310	1.4	.8	.2									2.4	4.2	3.0
320-340	1.0	.1										1.1	3.4	3.5
VARIABLE														
CALM	////////////////////////////////////											28.3	////////////////////////////////	
TOTALS	40.8	23.2	6.8	.5								100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	.1	.1									.8	4.7	4.0
020-040	2.4	2.9	1.4									6.7	6.1	6.0
050-070	4.4	9.2	1.3	.1	.1							15.2	6.1	6.0
(E) 080-100	3.2	3.0	.1									6.3	4.6	4.0
110-130	2.9	.9	.1									3.9	4.0	4.0
140-160	4.8	2.9	.1									7.8	4.0	4.0
(S) 170-190	8.0	8.0	1.0									16.9	5.1	5.0
200-220	4.4	12.8	6.2	1.3		.1						24.8	7.7	8.0
230-250	1.2	4.0	2.4	.4								8.0	8.2	8.0
(W) 260-280	.9	.6	.1									1.6	5.5	4.0
290-310	.4											.4	3.8	4.0
320-340		.2	.1									.3	8.0	6.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	33.1	44.6	12.9	1.8	.1	.1						100.0	5.7	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.4	.1									1.4	4.9	4.0
020-040	1.4	3.2	1.0									5.6	6.7	7.0
050-070	2.3	1.6	1.3	.4								5.6	6.9	5.5
(E) 080-100	1.6	.6	.3									2.6	5.1	4.0
110-130	1.7	1.0	.1									2.8	4.1	4.0
140-160	2.0	1.2	.2									3.4	4.6	4.0
(S) 170-190	3.9	5.7	2.2									11.7	6.2	6.0
200-220	3.9	12.7	6.5	.8								23.8	7.7	7.0
230-250	3.8	8.6	8.3	1.8	.5							23.0	9.1	9.0
(W) 260-280	2.4	3.0	2.0	1.2	.2							8.8	8.7	8.0
290-310	.9	1.2	.5	.2								2.8	6.8	6.0
320-340	1.3	.3	.3									1.9	4.8	4.0
VARIABLE														
CALM	////////////////////											6.6	////	////
TOTALS	26.1	39.5	22.8	4.4	.7							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.0	1.3	.1									3.4	4.7	4.0
020-040	2.7	3.7	1.1	.2								7.7	6.4	6.0
050-070	1.7	1.0	.3									3.0	5.1	4.0
(E) 080-100	1.7	.7										2.4	4.0	4.0
110-130	2.0	.5										2.5	3.4	3.0
140-160	3.4	1.0		.2								4.6	4.1	3.0
(S) 170-190	5.4	3.1	.8									9.3	4.7	4.0
200-220	8.2	6.8	3.0	.1								18.2	5.5	5.0
230-250	7.2	8.6	3.3	.3								19.3	6.4	6.0
(W) 260-280	4.1	3.7	1.2	.3								9.3	5.8	5.0
290-310	2.4	.8										3.1	4.0	4.0
320-340	1.3	.8	.2									2.3	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////										14.9	////////////////////////////////		
TOTALS	42.1	32.0	10.0	1.1								100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	.9	.7	.1									1.7	5.0	4.0
020-040	2.7	2.7	.7	.1								6.2	5.7	5.0
050-070	3.6	3.3	.7	.2	.0							7.9	5.6	5.0
(E) 080-100	1.9	1.3	.1	.0								3.3	4.5	4.0
110-130	1.7	.6	.1									2.4	3.8	4.0
140-160	3.0	1.1	.1	.0								4.3	3.8	3.0
(S) 170-190	5.2	5.1	.9	.0								11.3	5.2	5.0
200-220	6.1	10.4	4.8	.7	.0	.0						22.0	7.0	6.0
230-250	4.2	6.4	3.8	.9	.2							15.4	7.6	7.0
(W) 260-280	2.9	2.2	1.2	.3	.1	.0						6.7	6.6	6.0
290-310	1.2	.6	.3	.0	.0							2.2	5.3	4.0
320-340	.8	.4	.2	.0								1.4	5.3	4.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////////////////////////////	
TOTALS	34.2	34.8	13.0	2.2	.3							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 7395

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	4										2.0	3.3	3.0
020-040	2.6	1.3										3.9	3.6	3.0
050-070	4.3	1.9										6.2	3.7	4.0
(E) 080-100	1.3	.4										1.7	3.6	4.0
110-130	.5	.1										.6	3.2	2.0
140-160	2.7	.7										3.5	3.3	3.0
(S) 170-190	6.7	3.8	.7	.2								11.4	4.7	4.0
200-220	6.8	6.9	3.9	.2								17.9	6.5	6.0
230-250	5.4	2.6	.8									8.8	4.8	4.0
(W) 260-280	5.4	1.2	.1									6.7	3.1	2.0
290-310	1.5	.2	.2									2.0	3.8	3.0
320-340	.8	.7										1.5	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////										33.8	////////////////////////////////		
TOTALS	39.7	20.2	5.7	.4								100.0	3.1	4.0

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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	40-4	50-64	GE 65			
(N) 350-010	.9	.2										1.1	3.1	2.0
020-040	2.2	3.3	1.0									6.6	6.0	6.0
050-070	4.4	7.8	.6									12.8	5.4	5.0
(E) 080-100	3.3	2.8	.1									6.2	4.4	4.0
110-130	2.6	.4										3.0	3.4	3.0
140-160	6.0	2.7										8.7	3.6	4.0
(S) 170-190	7.9	7.3	1.4									16.7	5.2	5.0
200-220	4.2	14.8	7.2	.1								26.3	7.5	8.0
230-250	1.3	4.0	1.6	.1								7.0	7.0	7.0
(W) 260-280	.6	1.1	.2									1.9	5.8	6.0
290-310	.1	.1										.2	4.0	4.0
320-340	.7											.7	2.2	2.0
VARIABLE														
CALM	////////////////////											8.9	////	////
TOTALS	34.2	44.5	12.1	.2								100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.2	.6										1.8	3.9	4.0
020-040	1.0	1.4	.4	.1								3.0	6.1	5.0
050-070	1.7	1.2	.6									3.4	5.7	5.0
(E) 080-100	1.4	1.4	.4									3.3	5.4	5.0
110-130	2.1	1.0	.4									3.6	4.7	4.0
140-160	3.0	1.8	.1									4.9	4.2	4.0
(S) 170-190	5.3	6.2	1.3									12.9	5.5	5.0
200-220	4.8	12.3	6.6	1.3	.1							25.1	7.9	8.0
230-250	3.6	10.6	7.6	1.4	.3							23.4	8.5	8.0
(W) 260-280	2.2	3.9	1.8	.1								8.0	6.7	6.0
290-310	1.6	1.1	.1	.1	.1							3.0	5.6	4.0
320-340	.3	1.2	.2	.2								2.0	7.2	5.5
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	28.2	42.7	19.5	3.2	.5							100.0	6.5	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.4	.8	.1									2.3	4.4	4.0
020-040	2.2	2.3	.8	.1								5.4	6.1	6.0
050-070	.9	1.1	.3									2.4	5.3	5.0
(E) 080-100	1.4	.9	.1									2.4	4.4	4.0
110-130	1.7	.3	.1									2.2	3.7	3.0
140-160	4.0	.	.1									4.9	3.4	3.0
(S) 170-190	4.6	3.6	.5	.2								8.8	4.9	4.0
200-220	7.2	5.9	1.8	.3	.1							15.4	5.8	5.0
230-250	9.4	9.4	3.2		.2							22.3	5.8	5.0
(W) 260-280	4.5	3.8	1.1			.1						9.5	5.3	5.0
290-310	2.1	1.1	.3	.2								3.8	5.5	4.0
320-340	1.8	1.3	.1									3.2	4.3	4.0
VARIABLE														
CALM	////////////////////											17.3	////	////
TOTALS	41.2	31.3	8.5	.8	.3	.1						100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 871

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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										.4	6.3	7.0
020-040	3.7	4.8	.9									9.4	5.6	5.0
050-070	7.3	8.6	.3									16.2	4.9	5.0
(E) 080-100	5.6	1.2										6.8	3.3	3.0
110-130	2.6	.2										2.8	2.7	2.5
140-160	4.3	1.0										5.3	3.3	3.0
(S) 170-190	10.3	8.5	1.0									19.8	4.8	4.0
200-220	5.2	1.6	3.0	.2								24.0	6.7	6.0
230-250	1.2	2.6	.6	.1								4.5	7.0	7.0
(W) 260-280	.3	.6										1.0	6.0	6.0
290-310	.2	.1										.3	4.3	4.0
320-340	.1											.1	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											9.5	////////////////////////////////	
TOTALS	40.9	43.5	5.8	.3								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.2	.1									2.5	4.8	5.0
020-040	3.1	3.5	.9									7.5	5.5	5.0
050-070	2.3	3.8	1.1	.3								7.4	6.6	6.0
(E) 080-100	2.9	1.2										4.1	4.0	4.0
110-130	1.9	.3										2.3	3.5	3.0
140-160	2.4	1.1										3.4	3.6	3.5
(S) 170-190	3.7	5.2	1.3									10.1	5.9	6.0
200-220	4.7	12.2	3.8	.3	.2							21.2	7.0	6.0
230-250	5.1	10.5	4.7	.6	.1							21.1	7.3	7.0
(W) 260-280	2.4	3.9	1.8	.2								8.3	7.0	7.0
290-310	1.0	.8	.6	.2								2.6	6.9	5.5
320-340	2.2	.5	.3									3.0	3.9	2.5
VARIABLE														
CALM	////////////////////////////////////											6.6	////////////////////////////////	
TOTALS	32.9	44.2	14.6	1.6	.3							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.8	.9	.2									2.9	4.7	4.0
020-040	4.3	4.1	.4									8.9	4.9	5.0
050-070	2.7	2.1	.2									5.0	4.6	4.0
(E) 080-100	2.1	.9										3.0	3.6	3.0
110-130	.7	.1	.1									.9	3.9	3.0
140-160	2.1	.6	.1									2.8	3.4	3.0
(S) 170-190	3.7	1.3	.1									5.1	3.5	2.0
200-220	7.5	4.8	1.3									13.6	4.7	4.0
230-250	10.0	9.0	1.6	.2								20.7	5.1	5.0
(W) 260-280	6.2	4.9	1.0	.3	.1							12.5	5.5	5.0
290-310	2.3	.9	.1									3.3	3.8	3.0
320-340	1.6	.9	.1									2.5	4.0	3.0
VARIABLE														
CALM	////////////////////											18.7	////////////////	
TOTALS	45.0	30.5	5.2	.5	.1							100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 902														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	.6	.1		.0							1.9	4.5	4.0
020-040	3.9	3.0	.6	.1								7.6	5.1	4.0
050-070	4.6	3.4	.6	.1								8.6	4.9	4.0
(E) 080-100	2.6	.8	.0	.0								3.5	3.6	3.0
110-130	1.6	.2	.0									1.8	3.1	3.0
140-160	2.7	.9	.0									3.6	3.5	3.0
(S) 170-190	5.9	4.1	.7	.0								10.7	4.7	4.0
200-220	6.3	9.5	2.6	.3	.0							18.8	6.2	6.0
230-250	5.7	6.0	2.2	.2	.0							14.1	5.9	5.0
(W) 260-280	3.7	2.5	.8	.1	.0							7.1	5.3	4.0
290-310	1.0	.6	.2	.0								1.9	5.2	4.0
320-340	1.0	.3	.1									1.4	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											18.9	////////////////////////////////	
TOTALS	40.2	31.9	7.9	.8								100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7262

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.8										3.2	3.3	3.0
020-040	3.1	2.0	.1									5.3	4.1	4.0
050-070	5.3	2.7										8.0	3.8	4.0
(E) 080-100	1.7	.4										2.2	3.3	3.0
110-130	.8	.1										.9	2.6	2.0
140-160	2.2	.3										2.5	3.3	3.0
(S) 170-190	5.1	2.7	.2									8.0	4.1	3.0
200-220	5.4	5.4	1.6	.1								12.5	5.7	5.0
230-250	4.4	1.5	.6									6.6	4.2	4.0
(W) 260-280	4.1	1.2										5.3	3.7	3.0
290-310	1.5	.3	.2									2.0	4.0	3.0
320-340	.9	.3										1.2	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////											42.6	////////////////////////////////	
TOTALS	37.0	17.7	2.7	.1								100.0	2.4	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	.4										1.5	3.9	3.0
020-040	4.0	4.0	1.2									9.1	5.2	5.0
050-070	8.3	8.6	.3									17.2	4.7	5.0
(E) 080-100	5.2	2.7										7.8	3.8	4.0
110-130	1.6	.5										2.2	2.9	2.0
140-160	4.9	1.2										6.1	3.4	3.0
(S) 170-190	7.6	8.9	.6									17.2	4.9	5.0
200-220	4.8	9.6	2.9	.2								17.5	6.5	6.0
230-250	1.0	1.7	.1		.1							2.9	6.4	6.0
(W) 260-280	.5	.2										.8	3.7	2.0
290-310	.3	.4										.8	4.9	5.0
320-340	.3	.2										.5	4.6	4.0
VARIABLE														
CALM	////////////////////											16.3	////////////////	
TOTALS	39.6	38.4	5.1	.2	.1							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.6	1.3	.8									3.7	5.9	6.0
020-040	4.3	3.8	.3									8.4	4.7	4.0
050-070	3.2	2.0	.3									5.6	4.6	4.0
(E) 080-100	2.2	2.0										4.2	4.4	4.0
110-130	1.7	.4										2.2	3.4	3.0
140-160	2.6	1.6	.3									4.5	4.5	4.0
(S) 170-190	4.6	5.3	.8									10.6	5.4	5.0
200-220	5.5	11.9	3.8	.1								21.3	6.8	7.0
230-250	5.2	8.1	2.7	.5	.1							16.6	6.8	6.0
(W) 260-280	3.3	3.9	1.5		.1							8.8	6.0	6.0
290-310	1.9	1.6	.2									3.8	4.5	4.0
320-340	2.6	.8	.3									3.7	4.2	4.0
VARIABLE														
CALM	////////////////////											6.8	////////////////	
TOTALS	38.7	42.7	11.0	.6	.2							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.8	1.1	.1									4.0	4.1	4.0
020-040	5.8	3.7	.4									9.9	4.4	4.0
050-070	4.5	3.3	.2		.1							8.2	4.4	4.0
(E) 080-100	2.3	.6										2.9	3.6	3.0
110-130	1.2	.1										1.3	2.9	2.5
140-160	1.8	.2										2.0	2.7	2.0
(S) 170-190	3.4	.5	.2									4.2	3.4	2.0
200-220	7.3	2.6	.3									10.2	3.7	3.0
230-250	12.5	7.3	1.8	.1								21.7	4.7	4.0
(W) 260-280	5.8	2.9	.5	.1								9.4	4.3	4.0
290-310	2.8	.6	.1	.1								3.7	3.6	3.0
320-340	1.3	.4										1.7	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											20.9	////////////////////////////////	
TOTALS	51.5	23.3	3.6	.3	.1							100.0	3.3	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.9	.2									3.0	4.4	4.0
020-040	4.3	3.3	.6	.1								8.1	4.8	4.0
050-070	5.3	3.9	.2		.0							9.4	4.4	4.0
(E) 080-100	2.7	1.3										3.9	3.8	4.0
110-130	1.4	.3										1.7	3.1	2.0
140-160	2.7	1.0	.1									3.7	3.7	3.0
(S) 170-190	4.9	4.4	.4									9.7	4.7	4.0
200-220	5.7	7.6	2.3	.1								15.6	6.0	6.0
230-250	5.7	4.9	1.4	.1	.1							12.2	5.6	5.0
(W) 260-280	3.8	2.0	.5	.0	.0							6.3	4.7	4.0
290-310	1.6	.8	.1	.0								2.5	4.4	4.0
320-340	1.2	.5	.1									1.7	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											21.9	////////////////////////////////	
TOTALS	41.2	30.9	5.9	.3	.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.8	.7										2.4	3.7	4.0
020-040	6.2	3.0	1.3									10.6	5.0	4.0
050-070	8.4	4.9	.1	.3								13.8	4.3	4.0
(E) 080-100	1.4	.1										1.6	2.4	2.0
110-130	1.2	.1										1.3	2.2	2.0
140-160	2.2	.3										2.6	3.0	3.0
(S) 170-190	4.2	3.7	.9									8.8	4.8	5.0
200-220	4.9	4.9	3.3	.4								13.6	7.0	7.0
230-250	3.1	2.4	1.3	.2								7.1	6.2	5.0
(W) 260-280	2.9	1.2	.2									4.3	3.9	3.0
290-310	.4	.3										.8	4.7	4.0
320-340	1.3	.2										1.6	3.3	4.0
VARIABLE														
CALM	////////////////////											31.7	////////////////	
TOTALS	38.0	21.8	7.1	.9								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	.3										.7	4.2	4.5
020-040	4.1	5.2	2.3	.3	.1							12.1	6.7	6.0
050-070	11.0	12.1	.3	.2								23.7	5.0	5.0
(E) 080-100	6.0	1.3										7.3	3.2	3.0
110-130	1.8	.7										2.4	3.1	2.0
140-160	3.9	1.6	.1									5.6	3.9	4.0
(S) 170-190	4.6	4.0	.8									9.3	5.4	5.0
200-220	2.4	9.3	3.7	.2								15.7	7.4	7.0
230-250	1.2	2.3	1.6									5.1	7.6	8.0
(W) 260-280	.6	.2										.8	3.6	2.0
290-310	.3	.1										.4	3.3	2.5
320-340	1.0	.2										1.2	3.0	3.0
VARIABLE														
CALM	////////////////////											15.7	////	////
TOTALS	37.2	37.3	8.8	.7	.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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.6	1.0	.1									2.7	4.6	4.0
020-040	5.4	4.8	2.1	.4								12.8	6.0	5.0
050-070	5.2	5.3	2.9	.4								13.9	6.6	6.0
(E) 080-100	1.2	2.4										3.7	5.1	5.0
110-130	1.7	.7										2.3	3.7	4.0
140-160	1.7	.4										2.1	3.3	3.0
(S) 170-190	3.1	4.1	.1									7.3	5.2	5.0
200-220	5.0	9.0	5.6	.7	.1							20.3	7.6	8.0
230-250	3.2	7.3	5.6	1.4	.2	.1						17.9	8.7	8.0
(W) 260-280	1.3	2.6	1.8	.3								6.0	7.7	8.0
290-310	1.6	1.7	.2									3.4	5.4	5.0
320-340	2.2	1.0	.1									3.3	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	33.2	40.3	18.5	3.2	.3	.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD .FB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.9	.8	.1									3.8	3.4	2.5
020-040	7.1	6.4	1.3	.2								15.1	5.3	5.0
050-070	3.5	2.6	.9	.1								7.0	5.4	5.0
(E) 080-100	2.2	.3										2.6	3.1	2.0
110-130	.8	.2										1.0	2.8	2.0
140-160	.9	.1										1.0	2.6	2.0
(S) 170-190	3.2	.8	.1									4.1	3.6	3.0
200-220	9.3	3.3	1.1	.2	.1							14.0	4.8	4.0
230-250	8.9	5.9	2.5	.1	.1							17.5	5.5	4.0
(W) 260-280	4.7	1.2	.8	.1								6.8	4.9	4.0
290-310	2.1	.2		.1								2.5	3.7	3.0
320-340	1.2	.6	.1									1.9	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											22.7	////////////////////////////////	
TOTALS	46.8	22.4	6.9	.8	.2							100.0	3.7	4.0
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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.5	.7	.1									2.2	4.0	4.0
020-040	5.7	5.0	2.2	.3	.0							13.2	6.0	5.0
050-070	6.6	5.9	1.1	.3								13.9	5.3	5.0
(E) 080-100	2.8	1.1										3.8	3.6	3.0
110-130	1.5	.4	.0									1.9	3.1	2.5
140-160	2.0	.7	.0									2.8	3.6	3.0
(S) 170-190	3.5	3.1	.4									7.0	5.0	4.0
200-220	4.7	7.2	3.3	.3	.0	.0						15.7	6.8	6.0
230-250	4.1	4.8	3.1	.6	.0	.0						12.7	7.2	7.0
(W) 260-280	2.8	1.4	.6	.2	.0							5.0	5.4	4.0
290-310	1.2	.6	.1	.0								1.9	4.5	4.0
320-340	1.3	.7	.1									2.1	4.1	4.0
VARIABLE														
CALM	////////////////////											17.9	////	////
TOTALS	37.7	31.6	11.0	1.7								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 7192

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	1.0	.3									3.0	4.8	4.0
020-040	4.8	2.2	.3	.1								7.4	4.0	3.0
050-070	10.1	5.8	.1									16.0	4.1	4.0
(E) 080-100	2.7	.4	.1									3.2	3.7	3.0
110-130	.9	.2										1.1	3.3	2.5
140-160	2.2	1.3	.1	.1								3.7	4.3	4.0
(S) 170-190	3.7	3.1	.2	.1								7.1	4.8	4.0
200-220	2.3	4.1	4.5	.1								11.0	7.9	8.0
230-250	1.9	1.6	1.4									4.9	6.3	6.0
(W) 260-280	2.7	.9		.1								3.7	3.6	3.5
290-310	1.2	.6										1.8	4.2	3.0
320-340	.9	1.0										1.8	4.4	5.0
VARIABLE														
CALM	////////////////////											35.3	////////	
TOTALS	35.1	22.2	7.0	.5								100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.0	.3	.3									1.6	4.7	3.0
020-040	6.2	2.7	.9		.1							9.9	4.4	4.0
050-070	11.5	12.2	1.0									24.6	4.9	5.0
(E) 080-100	5.4	1.2										6.6	3.0	3.0
110-130	2.8	.3										3.1	2.4	2.0
140-160	2.7	1.0	.2									3.9	4.0	3.0
(S) 170-190	4.0	3.7	.9									8.5	5.3	5.0
200-220	2.4	6.1	3.0									11.5	7.3	8.0
230-250	1.2	1.2	1.4									3.8	7.2	8.0
(W) 260-280	1.0	.4	.1									1.5	4.1	4.0
290-310	.6											.6	2.5	2.0
320-340	.6	.6										1.3	4.7	4.5
VARIABLE														
CALM	////////////////////////////////////											23.1	////////////////////////////////	
TOTALS	39.4	29.7	7.8		.1							100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	1.0	.2									3.5	3.9	3.0
020-040	6.8	4.0	.6	.2	.2							11.8	5.0	4.0
050-070	6.5	7.3	1.4	.2								15.4	5.6	5.0
(E) 080-100	4.0	1.9										5.9	3.7	3.0
110-130	1.4	1.1	.1									2.6	4.4	3.5
140-160	2.2	1.9	.4									4.5	5.4	5.0
(S) 170-190	3.2	4.3	1.4									8.9	5.9	5.0
200-220	4.0	8.2	5.4	1.4	.3	.1						19.4	8.3	8.0
230-250	2.8	4.3	4.8	1.0	.1							13.0	8.7	9.0
(W) 260-280	1.2	1.5	.6	.2								3.5	6.8	5.0
290-310	.8	.5										1.3	4.6	3.5
320-340	1.3	.5	.1									1.9	4.7	4.0
VARIABLE														
CALM	////////////////////											8.2	////////////////	
TOTALS	36.6	36.5	15.0	3.0	.6	.1						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.5	.5										3.0	3.5	3.5
020-040	6.2	3.1	.5	.1								10.0	4.4	4.0
050-070	5.1	3.0	.2									8.3	4.4	4.0
(E) 080-100	2.2	.5										2.7	2.9	3.0
110-130	.6											.6	2.5	2.0
140-160	2.5	.5										3.0	3.4	3.0
(S) 170-190	6.3	2.2	.4									8.9	4.0	4.0
200-220	5.6	3.4	1.6	.2	.1							11.0	5.7	4.0
230-250	6.6	2.5	2.0	.3								11.4	5.5	4.0
(W) 260-280	4.9	1.8	.2	.1								7.1	4.1	4.0
290-310	1.4	.9	.1	.1								2.5	4.7	4.0
320-340	.6											.6	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											30.9	////////////////////////////////	
TOTALS	44.5	18.4	5.0	.8	.1							100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.6	.8	.2									2.6	4.5	4.0
020-040	6.0	3.3	.6	.2	.1							10.2	4.7	4.0
050-070	8.2	7.5	.8	.0								16.5	4.9	5.0
(E) 080-100	3.4	1.2	.0									4.6	3.6	3.0
110-130	1.3	.3	.0									1.7	3.2	2.0
140-160	2.5	1.1	.2	.0								3.8	4.2	4.0
(S) 170-190	4.0	3.7	.7	.0								8.4	5.1	5.0
200-220	3.7	6.0	3.4	.5	.1	.0						13.8	7.4	7.0
230-250	3.1	2.5	2.3	.4	.0							8.3	7.2	7.0
(W) 260-280	2.6	1.2	.2	.1								4.1	4.6	4.0
290-310	1.0	.6	.1	.0								1.7	4.9	4.0
320-340	.8	.6	.0									1.3	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											23.0	////////////////////////////////	
TOTALS	38.2	28.8	8.5	1.2	.2							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	.6										1.8	4.3	4.0
020-040	5.1	4.7	1.4	.2	.4							11.9	6.1	5.0
050-070	7.2	8.1	.8	.1	.1							16.3	5.2	5.0
(E) 080-100	3.4	1.0										4.4	3.5	3.0
110-130	2.0	.4										2.4	3.5	3.0
140-160	3.8	2.2	.4									6.4	4.8	4.0
(S) 170-190	4.6	4.9	1.1									10.6	5.5	5.0
200-220	4.0	6.9	5.1	2.0	.2	.1						18.3	8.6	8.0
230-250	1.3	2.9	1.6	.3	.1							6.2	7.8	8.0
(W) 260-280	.9	.7	.2									1.8	5.4	4.5
290-310	.3	.2	.1									.7	5.2	4.0
320-340	.9	.1										1.0	3.3	4.0
VARIABLE														
CALM	////////////////////											18.1	////	////
TOTALS	34.7	32.7	10.7	2.6	.8	.1						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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	.6	.6	.1									1.2	5.2	5.0
020-040	4.9	5.2	1.3	.6								12.0	6.0	6.0
050-070	.8	8.7	1.2									18.7	5.2	5.0
(E) 080-100	2.3	1.2	.4									4.0	4.4	3.5
110-130	2.3	1.4	.3									4.1	4.2	4.0
140-160	2.1	2.2	1.0	.2								5.6	6.2	5.0
(S) 170-190	3.2	4.9	1.4	.4								10.0	6.7	6.0
200-220	2.7	8.3	4.9	1.2	.1							17.2	8.4	8.0
230-250	2.6	1.6	1.1	.2								5.4	6.2	5.0
(W) 260-280	1.0	.6	.2									1.8	4.9	4.0
290-310	.4	.3										.8	4.1	3.0
320-340	.3	.3										.7	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											18.6	////////////////////////////////	
TOTALS	31.2	35.3	11.9	2.6	.1							100.0	5.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	.7	.9	.1										1.7	5.3	5.0
020-040	4.0	5.2	3.7	.3									13.2	7.0	6.0
050-070	3.8	9.4	2.6	.1									15.9	6.8	7.0
(E) 080-100	3.1	2.7											5.8	4.4	4.0
110-130	2.2	.7	.1										3.0	4.0	3.0
140-160	2.6	3.1	1.9	.1									7.7	6.6	6.0
(S) 170-190	3.3	5.0	1.9	.3	.1								10.7	6.8	6.0
200-220	2.6	8.8	6.2	.9	.8	.2	.1						19.6	9.3	8.0
230-250	1.3	3.6	3.4	1.2									9.6	9.4	9.0
(W) 260-280	1.1	1.7	.7	.6									4.0	7.8	6.5
290-310	.6	.3	.2										1.1	5.1	4.5
320-340	.4	.4											.9	4.8	5.0
VARIABLE															
CALM	////////////////////////////////////											7.0	////////////////////////////////		
TOTALS	25.7	41.8	20.8	3.5	.9	.2	.1						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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.9	.4										3.3	3.0	3.0
020-040	5.0	6.8	1.2	.3								13.3	6.0	6.0
050-070	4.8	7.3	.6	.1								12.8	5.7	6.0
(E) 080-100	1.9	.9										2.8	4.2	4.0
110-130	1.1	1.1										2.2	4.4	4.5
140-160	3.1	1.4	.3	.1								5.0	4.7	4.0
(S) 170-190	5.0	4.1	1.1	.1								10.3	5.2	5.0
200-220	4.1	5.8	5.7	1.8	1.2							18.6	9.3	9.0
230-250	2.3	2.2	1.0	.3								5.9	6.5	6.0
(W) 260-280	2.6	.3	.1									3.0	3.5	3.0
290-310	1.1	.4										1.6	4.3	.0
320-340	.7	.2	.1									1.0	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											20.2	////////////////////////////////	
TOTALS	34.6	30.9	10.1	2.7	1.2							100.0	4.9	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.4	.5	.1	.0								2.0	4.2	4.0
020-040	5.0	5.9	1.7	.4	.1	.0						13.1	6.2	6.0
050-070	6.1	8.3	1.4	.1	.0							15.9	5.7	6.0
(E) 080-100	2.6	1.5	.1									4.2	4.3	4.0
110-130	2.0	1.0	.1	.0								3.2	4.1	4.0
140-160	3.1	2.6	1.0	.1								6.7	5.7	5.0
(S) 170-190	3.6	5.1	1.3	2	.0	.0	.0					10.2	6.2	6.0
200-220	3.2	7.4	5.7	1.3	.5	.1	.0					18.3	8.9	8.0
230-250	2.0	2.6	1.7	.5	.0	.0						6.7	7.6	7.0
(W) 260-280	1.5	.6	.2	.1								2.5	5.2	4.0
290-310	.6	.4	.1									1.1	4.6	4.0
320-340	.5	.3	.1									.9	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////////////////////////////	
TOTALS	31.6	36.2	13.5	2.7	.6	.1						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	1.6	.9											2.5	3.6	3.0
020-040	7.6	5.9	1.2	.5									15.3	5.5	4.5
050-070	7.8	4.1	.8										12.7	4.3	4.0
(E) 080-100	2.6	.4	.1										3.1	3.2	3.0
110-130	.8	.8	.2										1.7	4.9	5.0
140-160	3.1	1.9	.2	.3									5.6	5.4	4.0
(S) 170-190	2.5	2.7	1.1	.5									6.8	7.1	6.0
200-220	2.7	3.7	3.8	1.4	1.1	.2							12.8	10.0	10.0
230-250	1.5	1.4	1.4	1.0	.2								5.5	9.3	9.0
(W) 260-280	1.4	1.3		.1									2.8	4.8	4.5
290-310	.9	.3											1.2	3.3	2.0
320-340	1.1	.1											1.2	3.1	3.0
VARIABLE															
CALM	////////////////////////////////////											28.9	////////////////////////////////		
TOTALS	33.6	23.5	8.8	3.8	1.3	.2							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.0	1.1										2.0	4.7	5.0
020-040	7.3	6.0	1.4	.4								15.2	5.5	5.0
050-070	7.1	6.6	1.4									15.1	5.0	5.0
(E) 080-100	3.9	.4											2.9	2.0
110-130	1.7	.3	.1										3.3	2.0
140-160	1.9	1.3	.9	.1								4.2	6.2	5.0
(S) 170-190	3.2	2.9	1.3	.2	.1	.1						7.8	6.5	6.0
200-220	2.8	4.6	3.8	1.6	.5	.1						13.4	9.1	8.0
230-250	1.5	1.3	1.9	1.0	.1							5.8	9.5	10.0
(W) 260-280	.6	.5	.1									1.3	4.7	4.5
290-310	.3	.5										.9	4.9	5.5
320-340	1.0	.1	.2									1.3	4.3	3.0
VARIABLE														
CALM	////////////////////											26.6	////////	
TOTALS	32.3	25.6	11.1	3.3	.7	.2						100.0	4.6	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.6	.9										1.5	4.9	5.0
020-040	6.3	8.0	2.6	.5								17.4	6.3	6.0
050-070	7.3	7.8	1.8	.3								17.3	5.6	5.0
(E) 080-100	2.7	1.2										3.9	3.5	3.0
110-130	1.8	1.0	.1									2.9	3.8	4.0
140-160	2.6	2.0	.3									4.9	4.8	4.0
(S) 170-190	3.5	3.5	1.3	.2	.1							8.7	6.0	5.0
200-220	3.0	3.3	4.9	1.0	1.2							13.	9.9	10.0
230-250	2.8	1.7	1.6	1.3								7.4	8.3	7.0
(W) 260-280	1.4	.8	.5	.2	.1							3.0	7.3	5.0
290-310	.6	.1	.2									1.0	5.2	4.0
320-340	1.3	.8	.2									2.3	5.1	4.0
VARIABLE														
CALM	////////////////////////////////////											16.2	////////////////////////////////	
TOTALS	33.9	31.1	13.5	3.5	1.4							100.0	5.5	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.2	1.5	.1									3.8	4.0	4.0
020-040	8.2	5.5	2.0		.3							16.0	5.5	4.0
050-070	5.4	3.3	1.1									9.8	5.0	4.0
(E) 080-100	1.3	.8										2.0	3.6	3.0
110-130	1.9	1.1	.1									3.1	3.9	3.0
140-160	2.0	1.7	.9	.2								4.8	6.1	6.0
(S) 170-190	3.5	2.6	.4	.3								6.9	5.5	4.0
200-220	2.7	3.7	2.8	1.3	.5							11.0	8.9	9.0
230-250	2.0	1.8	.3	.6	.2							5.1	7.6	6.0
(W) 260-280	3.1	1.1										4.2	3.6	3.0
290-310	1.3	.5	.1									1.9	4.2	4.0
320-340	1.3	.6										1.9	4.0	4.0
VARIABLE														
CALM	////////////////////											29.5	////////////////	
TOTALS	34.9	24.2	7.8	2.4	1.0							100.0	4.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.3	1.0	.1									2.4	4.4	4.0
020-040	7.6	6.6	1.7	.3	.1							16.2	5.6	5.0
050-070	6.5	5.3	1.4	.1								13.2	5.1	5.0
(E) 080-100	2.5	.9	.0									3.5	3.5	3.0
110-130	1.5	.7	.1									2.3	4.0	3.0
140-160	2.5	1.6	.5	.2	.0							4.8	5.5	4.0
(S) 170-190	3.5	2.8	1.1	.3	.1	.0						7.8	6.1	5.0
200-220	2.9	3.8	3.7	1.4	.9	.1	.0					12.8	9.6	9.0
230-250	1.8	1.5	1.5	.8	.2	.0						5.7	8.6	8.0
(W) 260-280	1.7	.9	.2	.1	.0							2.9	5.2	4.0
290-310	.9	.5	.1	.0								1.4	4.4	4.0
320-340	.9	.4	.1									1.4	4.1	4.0
VARIABLE														
CALM	////////////////////											25.6	////	////
TOTALS	33.6	26.0	10.5	3.2	1.3	.1						100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.3	.7	.1	.0	.0							2.1	4.4	4.0
020-040	4.6	4.0	1.3	.3	.1	.0						10.2	5.9	5.0
050-070	5.5	5.5	1.0	.1	.0	.0						12.1	5.4	5.0
(E) 080-100	2.6	1.2	.1	.0	.0							3.9	4.1	4.0
110-130	1.6	.6	.1	.0	.0							2.3	3.9	3.0
140-160	2.7	1.5	.3	.1	.0							4.5	4.6	4.0
(S) 170-190	4.3	4.3	1.0	.1	.0	.0	.0					9.8	5.5	5.0
200-220	4.5	7.6	4.2	.9	.3	.0	.0					17.5	7.7	7.0
230-250	3.5	4.0	2.5	.6	.2	.0	.0					10.9	7.4	7.0
(W) 260-280	2.5	1.6	.6	.1	.0	.0	.0					4.9	5.6	4.0
290-310	1.0	.6	.1	.0	.0	.0						1.8	4.8	4.0
320-340	.8	.5	.1	.0								1.4	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////////////////////////////	
TOTALS	34.9	32.1	11.4	2.2	.6							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS: 87262

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.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	27.1	27.5	28.0	28.1	28.6	28.8	29.1	29.6	29.6	30.0	30.0	30.2	30.8	31.3	32.0	32.7
GE 20000	28.9	29.6	30.1	30.2	30.8	31.0	31.5	31.9	31.9	32.5	32.5	32.7	33.2	33.8	34.5	35.2
GE 18000	29.0	29.7	30.2	30.3	30.9	31.1	31.6	32.0	32.0	32.6	32.6	32.8	33.3	33.9	34.6	35.3
GE 16000	29.0	29.7	30.2	30.3	30.9	31.1	31.6	32.0	32.0	32.6	32.6	32.8	33.3	33.9	34.6	35.3
GE 14000	29.6	30.2	30.9	31.0	31.5	31.7	32.3	32.7	32.7	33.2	33.3	33.5	34.3	34.8	35.6	36.2
GE 12000	30.9	31.5	32.2	32.4	32.9	33.1	33.7	34.1	34.1	34.6	34.7	34.9	35.7	36.2	37.0	37.6
GE 10000	34.6	35.3	35.9	36.2	36.8	37.0	37.5	38.0	38.0	38.5	38.6	38.8	39.7	40.2	41.0	41.7
GE 9000	35.4	36.0	36.7	37.0	37.5	37.7	38.3	38.7	38.7	39.2	39.4	39.6	40.4	41.0	41.7	42.5
GE 8000	38.1	38.7	39.4	39.7	40.2	40.4	41.0	41.4	41.4	41.9	42.0	42.3	43.1	43.7	44.4	45.2
GE 7000	40.6	41.3	41.9	42.4	42.9	43.1	43.7	44.1	44.1	44.6	44.7	44.9	46.0	46.6	47.3	48.1
GE 6000	41.3	42.0	42.7	43.1	43.7	43.9	44.4	44.8	44.8	45.4	45.5	45.7	46.8	47.3	48.1	48.8
GE 5000	43.8	44.5	45.2	45.6	46.1	46.3	47.0	47.4	47.4	48.0	48.1	48.3	49.4	49.9	50.6	51.4
GE 4500	44.5	45.3	45.9	46.3	46.9	47.1	47.7	48.2	48.2	48.7	48.8	49.0	50.1	50.6	51.4	52.2
GE 4000	45.6	46.3	47.1	47.5	48.2	48.4	49.0	49.5	49.5	50.0	50.1	50.3	51.5	52.0	52.8	53.5
GE 3500	46.8	47.5	48.4	48.8	49.5	49.7	50.3	51.0	51.0	51.5	51.6	51.8	53.0	53.5	54.3	55.1
GE 3000	48.9	49.9	50.9	51.4	52.2	52.4	53.3	54.0	54.0	54.5	54.6	54.8	56.1	56.7	57.4	58.2
GE 2500	49.9	51.1	52.0	52.6	53.1	53.5	54.5	55.4	55.5	56.1	56.2	56.5	57.7	58.3	59.1	59.9
GE 2000	52.2	53.4	54.5	55.1	56.0	56.2	57.3	58.2	58.3	58.9	59.0	59.2	60.5	61.1	61.9	62.7
GE 1800	52.7	54.0	55.1	55.6	56.7	56.9	58.1	59.1	59.2	59.9	60.0	60.2	61.5	62.0	62.9	63.7
GE 1500	54.2	55.7	56.8	57.3	58.4	58.6	59.8	60.9	61.0	61.6	61.7	61.9	63.2	63.8	64.6	65.4
GE 1200	55.5	57.1	58.3	58.8	60.1	60.3	61.6	62.7	62.8	63.4	63.5	63.8	65.1	65.6	66.5	67.2
GE 1000	55.7	57.3	58.6	59.1	60.6	60.9	62.3	63.3	63.4	64.1	64.2	64.4	65.7	66.2	67.1	67.8
GE 900	55.9	57.6	58.9	59.5	61.3	61.5	62.9	64.0	64.1	64.7	64.8	65.1	66.3	66.9	67.7	68.5
GE 800	56.3	58.2	59.5	60.1	62.2	62.5	63.9	64.9	65.1	65.7	65.8	66.0	67.3	67.8	68.7	69.5
GE 700	56.6	58.4	59.7	60.4	62.6	62.9	64.3	65.4	65.5	66.2	66.5	66.7	68.0	68.5	69.4	70.1
GE 600	57.2	59.4	60.6	61.4	63.8	64.1	65.6	66.7	66.8	67.8	68.1	68.3	69.6	70.1	71.1	71.8
GE 500	58.4	61.1	62.8	63.5	66.6	67.0	68.5	69.7	69.8	71.0	71.5	71.8	73.1	73.7	74.6	75.4
GE 400	59.5	62.4	64.4	65.3	68.5	68.9	70.5	72.0	72.5	74.4	75.5	75.8	77.4	78.1	79.4	80.1
GE 300	60.4	63.3	65.7	66.7	70.2	70.6	72.4	74.2	74.6	77.8	80.5	81.7	84.3	85.4	88.1	89.2
GE 200	60.8	63.7	66.0	67.0	71.0	71.4	73.3	75.4	75.8	80.0	83.1	84.3	87.8	89.6	94.0	96.1
GE 100	60.8	63.8	66.1	67.1	71.1	71.5	73.4	75.6	76.2	80.6	84.0	85.2	88.8	90.6	95.8	99.8
GE 000	60.8	63.8	66.1	67.1	71.1	71.5	73.4	75.6	76.2	80.6	84.0	85.2	88.8	90.6	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.5	21.7	22.0	22.3	22.8	22.9	23.9	24.0	24.0	24.1	24.6	24.7	25.3	25.8	26.3	27.1
GE 20000	23.4	23.7	24.0	24.2	24.7	24.8	25.8	25.9	25.9	26.0	26.6	26.7	27.4	28.1	28.6	29.6
GE 18000	23.4	23.7	24.0	24.2	24.7	24.8	25.8	25.9	25.9	26.0	26.7	26.8	27.5	28.2	28.7	29.7
GE 16000	23.5	23.8	24.1	24.3	24.8	24.9	25.9	26.0	26.0	26.1	26.8	26.9	27.6	28.3	28.8	29.8
GE 14000	24.1	24.3	24.6	24.8	25.4	25.5	26.5	26.6	26.6	26.7	27.4	27.5	28.3	28.9	29.5	30.4
GE 12000	26.2	26.5	26.8	27.0	27.5	27.6	28.6	28.7	28.7	28.8	29.6	29.7	30.4	31.1	31.6	32.6
GE 10000	30.9	31.1	31.5	31.7	32.4	32.5	33.4	33.7	33.7	33.8	34.5	34.6	35.4	36.0	36.6	37.5
GE 9000	31.7	31.9	32.4	32.6	33.2	33.3	34.3	34.5	34.5	34.6	35.4	35.5	36.2	36.9	37.4	38.4
GE 8000	34.9	35.2	35.7	35.9	36.6	36.7	37.6	37.8	37.8	38.2	38.9	39.0	39.8	40.5	41.2	42.2
GE 7000	38.1	38.3	38.8	39.0	39.7	39.8	40.8	41.0	41.0	41.3	42.0	42.2	42.9	43.8	44.4	45.4
GE 6000	39.4	39.6	40.1	40.3	41.0	41.1	42.0	42.3	42.3	42.6	43.3	43.4	44.2	45.1	45.7	46.7
GE 5000	41.5	41.7	42.3	42.5	43.1	43.2	44.2	44.4	44.4	44.7	45.5	45.6	46.3	47.2	47.8	48.8
GE 4500	42.5	42.7	43.2	43.4	44.1	44.3	45.3	45.6	45.6	45.9	46.7	46.8	47.5	48.4	49.0	50.0
GE 4000	44.0	44.2	44.8	45.1	45.7	45.9	46.9	47.2	47.2	47.5	48.3	48.4	49.1	50.0	50.6	51.6
GE 3500	45.9	46.2	46.9	47.1	47.7	48.0	48.9	49.2	49.2	49.6	50.3	50.4	51.2	52.0	52.7	53.7
GE 3000	46.8	47.2	48.0	48.3	49.1	49.4	50.3	50.6	50.6	51.0	51.7	51.8	52.6	53.4	54.1	55.1
GE 2500	48.1	48.6	49.4	49.7	50.6	51.0	52.2	52.5	52.5	52.8	53.5	53.7	54.4	55.3	55.9	56.9
GE 2000	50.1	50.6	51.5	51.9	53.2	53.8	54.9	55.3	55.3	55.6	56.3	56.5	57.3	58.2	58.8	59.8
GE 1800	50.3	50.9	51.7	52.4	53.7	54.2	55.4	55.7	55.7	56.0	56.8	56.9	57.7	58.6	59.2	60.2
GE 1500	50.6	51.2	52.0	52.7	54.0	54.5	55.7	56.1	56.2	56.9	57.6	57.7	58.6	59.6	60.2	61.2
GE 1200	51.9	52.6	53.4	54.1	55.5	56.0	57.3	58.0	58.1	58.9	59.8	59.9	60.8	61.7	62.4	63.3
GE 1000	52.0	52.7	53.5	54.2	55.7	56.2	57.8	58.5	58.6	59.7	60.5	60.6	61.5	62.7	63.3	64.3
GE 900	52.7	53.3	54.2	54.9	56.8	57.3	58.9	59.6	59.7	60.9	61.7	61.9	62.9	64.1	64.7	65.7
GE 800	53.9	54.5	55.4	56.2	58.1	58.6	60.4	61.3	61.4	62.6	63.5	63.8	64.7	66.0	66.7	67.7
GE 700	54.0	54.6	55.5	56.3	58.4	59.0	60.9	61.9	62.0	63.2	64.2	64.4	65.4	66.7	67.3	68.4
GE 600	54.8	55.8	56.7	57.5	60.0	60.6	62.8	64.1	64.2	65.6	66.7	66.9	67.8	69.1	69.8	71.0
GE 500	55.9	57.0	58.1	59.0	61.7	62.5	64.7	66.6	66.7	68.3	69.4	69.6	70.6	72.4	73.1	74.4
GE 400	57.0	58.2	59.6	60.8	63.8	64.5	67.2	69.8	70.1	71.9	73.4	73.7	75.2	77.3	78.8	80.3
GE 300	57.5	58.7	60.5	61.8	65.2	66.0	69.4	72.3	72.8	75.6	77.7	78.5	81.2	84.0	86.8	89.0
GE 200	58.0	59.1	61.0	62.3	65.8	66.7	70.2	73.2	74.1	78.0	80.4	81.4	84.9	88.6	92.4	95.1
GE 100	58.0	59.1	61.0	62.3	65.8	66.8	70.3	73.3	74.2	78.2	80.8	81.8	85.5	89.6	94.3	99.9
GE 000	58.0	59.1	61.0	62.3	65.8	66.8	70.3	73.3	74.2	78.2	80.8	81.8	85.5	89.6	94.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	23.7	24.5	24.8	25.3	25.6	25.6	25.6	25.6	25.8	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 20000	29.7	30.6	31.1	31.5	31.8	31.8	32.0	32.0	32.3	32.7	32.8	32.8	32.8	32.9	32.9	32.9
GE 18000	29.9	30.9	31.3	31.7	32.0	32.0	32.3	32.3	32.5	32.9	33.0	33.0	33.0	33.1	33.1	33.1
GE 16000	29.9	30.9	31.3	31.7	32.0	32.0	32.3	32.3	32.5	32.9	33.0	33.0	33.0	33.1	33.1	33.1
GE 14000	30.9	31.8	32.3	32.7	33.1	33.1	33.4	33.4	33.7	34.1	34.2	34.2	34.2	34.3	34.3	34.3
GE 12000	34.1	35.1	35.6	36.0	36.7	36.7	37.0	37.0	37.2	37.6	37.7	37.7	37.7	37.8	37.8	37.8
GE 10000	36.5	37.4	38.0	38.6	39.2	39.2	39.6	39.6	39.8	40.2	40.3	40.3	40.3	40.4	40.4	40.4
GE 9000	38.5	39.5	40.0	40.6	41.3	41.3	41.6	41.6	41.8	42.3	42.4	42.4	42.4	42.5	42.5	42.5
GE 8000	42.9	44.0	44.5	45.2	46.1	46.1	46.5	46.6	46.8	47.2	47.3	47.3	47.3	47.4	47.4	47.4
GE 7000	45.5	46.7	47.4	48.1	49.0	49.0	49.4	49.5	49.7	50.1	50.2	50.2	50.2	50.3	50.3	50.3
GE 6000	46.5	47.6	48.4	49.0	50.1	50.1	50.5	50.6	50.9	51.3	51.4	51.4	51.4	51.5	51.5	51.5
GE 5000	48.1	49.4	50.2	51.1	52.2	52.3	52.8	53.0	53.2	53.7	53.8	53.8	53.8	53.9	53.9	53.9
GE 4500	50.1	51.5	52.4	53.2	54.5	54.6	55.2	55.4	55.6	56.0	56.1	56.1	56.1	56.2	56.2	56.2
GE 4000	51.0	52.4	53.3	54.4	55.7	55.9	56.5	56.7	56.9	57.3	57.4	57.4	57.4	57.5	57.5	57.5
GE 3500	51.5	52.9	53.9	54.9	56.2	56.5	57.0	57.3	57.5	58.0	58.1	58.1	58.1	58.2	58.2	58.2
GE 3000	52.4	54.3	55.3	56.5	57.7	58.0	58.6	58.9	59.1	59.8	59.9	59.9	59.9	60.0	60.0	60.0
GE 2500	53.7	55.9	57.2	58.5	59.8	60.3	61.0	61.4	61.6	62.3	62.4	62.4	62.4	62.5	62.5	62.5
GE 2000	54.4	56.7	58.0	59.4	60.9	61.4	62.0	62.6	62.8	63.4	63.7	63.7	63.7	63.8	63.8	63.8
GE 1800	55.1	57.3	58.6	60.0	61.5	62.0	62.7	63.2	63.4	64.1	64.3	64.3	64.3	64.4	64.4	64.4
GE 1500	56.7	59.0	60.3	61.9	63.4	64.0	64.7	65.3	65.5	66.1	66.3	66.3	66.3	66.5	66.5	66.5
GE 1200	58.8	61.3	62.6	64.3	65.9	66.6	67.3	67.8	68.1	68.8	69.0	69.0	69.0	69.1	69.1	69.1
GE 1000	61.0	63.5	65.1	67.1	68.7	69.4	70.2	70.8	71.0	72.0	72.4	72.4	72.4	72.5	72.5	72.5
GE 900	61.9	64.6	66.2	68.3	70.1	70.8	71.7	72.3	72.5	73.5	73.9	74.0	74.0	74.1	74.1	74.1
GE 800	62.4	65.3	66.9	69.0	70.9	71.5	72.6	73.2	73.4	74.5	75.3	75.5	75.5	75.6	75.6	75.6
GE 700	63.3	66.2	68.0	70.1	72.3	72.9	74.1	74.9	75.2	76.5	77.4	77.6	77.6	77.7	77.7	77.7
GE 600	64.0	67.3	69.1	71.9	74.2	74.8	76.1	77.1	77.3	78.9	80.0	80.3	80.5	80.6	80.6	80.8
GE 500	64.7	68.3	70.6	73.9	76.6	77.3	78.9	80.1	80.4	82.2	83.4	83.9	84.4	84.7	84.9	85.1
GE 400	65.2	69.1	71.6	75.4	79.2	80.1	81.8	83.4	83.8	85.9	87.4	88.0	88.7	89.5	89.7	89.9
GE 300	65.3	69.4	72.0	75.8	80.1	81.0	82.8	84.9	85.5	88.3	89.9	90.8	91.9	92.9	93.8	94.7
GE 200	65.3	69.4	72.0	76.0	80.5	81.5	83.3	86.0	86.6	89.7	91.5	92.4	93.7	94.7	96.0	97.8
GE 100	65.3	69.4	72.0	76.0	80.5	81.5	83.3	86.0	86.6	89.7	91.5	92.4	93.8	94.8	96.3	99.9
GE 000	65.3	69.4	72.0	76.0	80.5	81.5	83.3	86.0	86.6	89.7	91.5	92.4	93.8	94.8	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.0	28.2	28.3	28.8	29.0	29.4	29.5	29.7	29.7	29.8	30.1	30.1	30.3	30.6	31.0	31.1
GE 20000	31.9	32.2	32.3	32.9	33.1	33.4	33.5	33.8	33.9	34.1	34.4	34.4	34.6	34.9	35.3	35.4
GE 18000	32.2	32.4	32.5	33.1	33.5	33.9	34.0	34.2	34.3	34.5	34.8	34.8	35.1	35.4	35.7	35.8
GE 16000	32.2	32.4	32.5	33.1	33.5	33.9	34.0	34.2	34.3	34.5	34.8	34.8	35.1	35.4	35.7	35.8
GE 14000	33.3	33.5	33.7	34.3	34.7	35.1	35.2	35.5	35.6	35.8	36.1	36.1	36.3	36.7	37.0	37.1
GE 12000	35.3	35.5	35.6	36.3	36.8	37.1	37.2	37.6	37.7	38.0	38.3	38.3	38.5	38.8	39.1	39.4
GE 10000	40.5	40.8	41.0	41.8	42.3	42.6	42.7	43.2	43.3	43.5	43.9	44.0	44.2	44.5	44.8	45.1
GE 9000	42.6	42.8	43.0	43.9	44.3	44.6	44.7	45.3	45.4	45.6	45.9	46.0	46.2	46.6	46.9	47.1
GE 8000	46.8	47.0	47.2	48.1	48.5	48.8	48.9	49.5	49.6	49.9	50.2	50.3	50.5	50.9	51.2	51.4
GE 7000	49.2	49.5	49.7	50.5	51.0	51.3	51.4	51.9	52.0	52.4	52.7	52.8	53.0	53.3	53.7	53.9
GE 6000	50.5	50.8	51.0	51.8	52.3	52.6	52.7	53.2	53.3	53.7	54.0	54.1	54.3	54.6	54.9	55.2
GE 5000	53.0	53.2	53.4	54.3	54.7	55.1	55.3	55.8	55.9	56.5	56.8	56.9	57.1	57.4	57.7	58.0
GE 4500	53.9	54.1	54.3	55.2	55.6	55.9	56.1	56.7	56.8	57.3	57.6	57.7	58.0	58.3	58.6	58.8
GE 4000	55.5	55.7	55.9	56.9	57.3	57.6	57.8	58.4	58.5	59.0	59.4	59.5	59.7	60.0	60.3	60.5
GE 3500	56.7	56.9	57.2	58.2	58.6	58.9	59.1	59.7	59.8	60.3	60.6	60.8	61.0	61.3	61.6	61.8
GE 3000	57.5	57.7	58.1	59.0	59.5	59.8	60.0	60.5	60.6	61.2	61.5	61.6	61.8	62.2	62.5	62.7
GE 2500	59.0	59.5	59.8	60.8	61.3	61.6	61.8	62.4	62.5	63.0	63.3	63.4	63.8	64.1	64.4	64.6
GE 2000	60.5	61.0	61.3	62.3	62.9	63.2	63.4	64.1	64.3	64.9	65.4	65.5	65.8	66.1	66.5	66.7
GE 1800	60.5	61.0	61.3	62.3	62.9	63.2	63.4	64.1	64.3	64.9	65.4	65.5	65.8	66.1	66.5	66.7
GE 1500	62.5	63.2	63.7	64.6	65.3	65.6	65.8	66.5	66.8	67.4	68.0	68.1	68.5	68.8	69.1	69.4
GE 1200	64.1	64.9	65.5	66.5	67.3	67.8	68.1	68.7	69.0	69.7	70.2	70.3	70.8	71.1	71.4	71.6
GE 1000	64.5	65.4	65.9	66.9	67.8	68.4	68.6	69.2	69.6	70.5	71.1	71.2	71.6	72.0	72.4	72.6
GE 900	65.6	66.5	67.0	68.0	68.9	69.5	69.7	70.4	70.8	72.0	72.6	72.8	73.2	73.7	74.0	74.2
GE 800	67.1	68.0	68.5	69.5	70.4	71.1	71.3	72.0	72.4	73.7	74.2	74.4	74.9	75.4	75.7	75.9
GE 700	67.2	68.1	68.7	69.7	70.6	71.3	71.5	72.4	72.9	74.2	74.7	74.9	75.5	75.9	76.2	76.5
GE 600	68.7	69.6	70.2	71.3	72.6	73.2	73.4	74.4	74.9	76.7	77.2	77.4	78.1	78.5	78.8	79.0
GE 500	69.4	70.2	70.9	72.2	73.7	74.4	74.8	75.9	76.5	78.5	79.4	79.8	80.6	81.2	81.7	81.9
GE 400	70.0	71.2	71.9	73.5	75.6	76.3	76.9	78.2	78.8	81.4	82.8	83.3	84.4	84.9	85.7	86.0
GE 300	70.2	71.4	72.3	73.9	76.3	77.2	78.4	80.5	81.2	84.8	87.0	87.6	89.7	90.3	91.8	92.4
GE 200	70.2	71.4	72.4	74.0	76.6	77.4	78.6	80.8	81.5	85.8	88.7	89.6	92.2	93.0	95.9	97.1
GE 100	70.2	71.4	72.4	74.0	76.6	77.4	78.7	80.9	81.6	86.1	89.0	89.9	92.5	93.4	97.2	99.9
GE 000	70.2	71.4	72.4	74.0	76.6	77.4	78.7	80.9	81.6	86.1	89.0	89.9	92.5	93.4	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.2	25.7	26.0	26.2	26.7	26.8	27.0	27.2	27.2	27.4	27.7	27.8	28.2	28.4	28.9	29.3
GE 20000	28.6	29.2	29.6	29.9	30.3	30.4	30.8	31.0	31.0	31.3	31.6	31.7	32.2	32.5	33.0	33.4
GE 18000	28.8	29.4	29.8	30.1	30.5	30.6	31.0	31.2	31.2	31.5	31.8	31.9	32.4	32.7	33.2	33.6
GE 16000	28.8	29.4	29.8	30.1	30.5	30.6	31.0	31.2	31.3	31.5	31.8	31.9	32.4	32.7	33.2	33.6
GE 14000	29.7	30.3	30.7	31.0	31.5	31.6	31.9	32.2	32.2	32.5	32.8	32.9	33.4	33.8	34.3	34.7
GE 12000	32.0	32.6	33.1	33.4	33.9	34.0	34.4	34.7	34.7	35.0	35.3	35.4	35.9	36.2	36.7	37.2
GE 10000	36.0	36.6	37.1	37.6	38.1	38.2	38.6	38.9	39.0	39.3	39.6	39.7	40.2	40.5	41.0	41.5
GE 9000	37.4	38.0	38.5	38.9	39.5	39.6	40.0	40.3	40.3	40.6	41.0	41.1	41.6	41.9	42.4	42.9
GE 8000	41.1	41.8	42.3	42.8	43.4	43.5	43.9	44.2	44.3	44.6	44.9	45.1	45.6	45.9	46.5	46.9
GE 7000	43.6	44.3	44.8	45.4	46.0	46.2	46.5	46.9	47.0	47.3	47.6	47.8	48.3	48.7	49.2	49.7
GE 6000	44.6	45.2	45.8	46.4	47.1	47.2	47.6	47.9	48.0	48.4	48.7	48.8	49.4	49.7	50.2	50.7
GE 5000	46.7	47.4	48.0	48.6	49.3	49.4	49.9	50.3	50.4	50.8	51.1	51.2	51.8	52.2	52.7	53.2
GE 4500	47.7	48.5	49.1	49.7	50.5	50.6	51.1	51.5	51.6	52.0	52.4	52.5	53.1	53.4	53.9	54.4
GE 4000	49.1	49.9	50.5	51.2	52.0	52.2	52.6	53.1	53.1	53.6	53.9	54.0	54.6	54.9	55.5	56.0
GE 3500	50.3	51.1	51.9	52.6	53.4	53.5	54.0	54.5	54.6	55.0	55.3	55.5	56.1	56.4	56.9	57.4
GE 3000	51.5	52.5	53.2	54.0	54.9	55.1	55.7	56.2	56.3	56.7	57.1	57.2	57.8	58.1	58.7	59.2
GE 2500	52.9	54.1	54.9	55.8	56.7	57.0	57.7	58.3	58.4	58.9	59.2	59.3	60.0	60.3	60.8	61.3
GE 2000	54.4	55.6	56.5	57.5	58.5	58.8	59.5	60.2	60.3	60.9	61.2	61.4	62.0	62.3	62.9	63.4
GE 1800	54.6	55.9	56.8	57.8	59.0	59.2	60.0	60.7	60.8	61.4	61.7	61.9	62.5	62.8	63.4	63.9
GE 1500	55.8	57.3	58.2	59.3	60.5	60.8	61.6	62.3	62.5	63.1	63.5	63.6	64.3	64.7	65.2	65.7
GE 1200	57.4	59.0	60.0	61.2	62.6	62.9	63.7	64.5	64.7	65.4	65.8	65.9	66.6	67.0	67.6	68.0
GE 1000	58.1	59.8	60.9	62.1	63.7	64.0	64.9	65.7	65.9	66.8	67.3	67.4	68.1	68.5	69.1	69.6
GE 900	58.9	60.6	61.7	63.1	64.8	65.1	66.0	66.9	67.0	68.1	68.6	68.7	69.5	69.9	70.5	71.0
GE 800	59.6	61.4	62.6	64.1	65.8	66.2	67.2	68.1	68.3	69.4	70.0	70.2	71.0	71.4	72.0	72.5
GE 700	60.1	61.9	63.2	64.7	66.6	67.0	68.1	69.1	69.3	70.5	71.2	71.4	72.2	72.6	73.2	73.7
GE 600	61.0	63.0	64.3	66.0	68.1	68.5	69.7	70.9	71.2	72.7	73.5	73.8	74.6	75.0	75.6	76.2
GE 500	61.8	64.0	65.5	67.4	69.8	70.3	71.7	73.1	73.4	75.2	76.3	76.7	77.6	78.2	78.9	79.4
GE 400	62.6	65.0	66.8	68.9	71.9	72.4	74.0	75.8	76.3	78.6	80.0	80.5	81.9	82.6	83.7	84.3
GE 300	63.0	65.4	67.4	69.7	73.0	73.6	75.7	78.0	78.6	82.0	84.0	84.9	87.1	88.2	90.3	91.5
GE 200	63.2	65.6	67.7	69.9	73.5	74.1	76.3	78.9	79.6	83.6	86.2	87.2	90.1	91.7	94.9	96.8
GE 100	63.2	65.6	67.7	70.0	73.5	74.2	76.4	79.0	79.7	83.8	86.5	87.5	90.5	92.3	96.2	99.8
GE 000	63.2	65.6	67.7	70.0	73.5	74.2	76.4	79.0	79.7	83.8	86.5	87.6	90.5	92.3	96.3	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.6	33.8	34.2	34.3	34.7	35.1	35.1	35.5	35.6	35.8	35.9	36.0	36.0	36.2	36.6	36.9
GE 20000	37.9	38.2	38.5	38.6	39.1	39.5	39.5	39.8	39.9	40.2	40.3	40.4	40.4	40.5	41.0	41.2
GE 18000	38.3	38.5	38.9	39.0	39.5	39.8	39.8	40.2	40.3	40.5	40.6	40.8	40.8	40.9	41.3	41.6
GE 16000	38.3	38.5	38.9	39.0	39.5	39.8	39.8	40.2	40.3	40.5	40.6	40.8	40.8	40.9	41.3	41.6
GE 14000	38.3	38.5	38.9	39.0	39.5	39.8	39.8	40.2	40.3	40.5	40.6	40.8	40.8	40.9	41.3	41.6
GE 12000	40.4	40.6	41.0	41.1	41.6	41.9	41.9	42.3	42.4	42.6	42.8	42.9	42.9	43.0	43.5	43.7
GE 10000	44.1	44.3	44.6	44.8	45.2	45.6	45.6	45.9	46.1	46.3	46.4	46.5	46.5	46.6	47.1	47.3
GE 9000	45.1	45.3	45.7	45.8	46.3	46.6	46.6	47.0	47.1	47.3	47.5	47.6	47.6	47.7	48.2	48.4
GE 8000	50.2	50.4	50.8	50.9	51.4	51.7	51.7	52.1	52.2	52.4	52.5	52.7	52.7	52.8	53.2	53.5
GE 7000	52.2	52.4	52.8	52.9	53.4	53.7	53.7	54.1	54.2	54.4	54.5	54.7	54.7	54.8	55.2	55.5
GE 6000	52.4	52.7	53.0	53.1	53.6	53.9	53.9	54.3	54.4	54.7	54.8	54.9	54.9	55.0	55.5	55.7
GE 5000	54.8	55.1	55.5	55.7	56.2	56.5	56.5	56.9	57.0	57.2	57.4	57.5	57.5	57.6	58.1	58.3
GE 4500	56.7	57.0	57.5	57.7	58.2	58.5	58.5	58.9	59.0	59.2	59.4	59.5	59.5	59.6	60.1	60.3
GE 4000	57.1	57.6	58.1	58.3	58.8	59.1	59.1	59.5	59.6	59.8	60.0	60.1	60.1	60.2	60.7	60.9
GE 3500	58.2	58.7	59.2	59.5	60.0	60.3	60.3	60.7	60.8	61.0	61.1	61.2	61.2	61.4	61.8	62.1
GE 3000	59.4	60.0	60.5	60.8	61.2	61.6	61.6	62.0	62.1	62.3	62.4	62.5	62.5	62.7	63.1	63.4
GE 2500	61.0	61.6	62.2	62.5	63.1	63.5	63.5	63.8	64.0	64.2	64.3	64.4	64.4	64.5	65.0	65.3
GE 2000	64.1	64.7	65.3	65.7	66.4	66.8	66.8	67.1	67.3	67.5	67.7	67.8	67.8	68.0	68.4	68.7
GE 1800	64.9	65.5	66.1	66.5	67.4	67.7	67.7	68.1	68.2	68.4	68.8	68.9	68.9	69.0	69.5	69.7
GE 1500	66.1	66.7	67.3	67.7	68.6	68.9	69.3	69.6	69.7	70.0	70.3	70.4	70.4	70.6	71.0	71.3
GE 1200	67.4	68.0	68.7	69.3	70.2	70.6	71.0	71.5	71.6	71.8	72.2	72.3	72.3	72.4	72.9	73.1
GE 1000	68.0	68.6	69.4	70.0	70.9	71.4	72.0	72.8	72.9	73.1	73.5	73.6	73.6	73.7	74.2	74.4
GE 900	69.4	70.0	70.8	71.4	72.3	72.8	73.4	74.2	74.3	74.6	74.9	75.0	75.0	75.1	75.6	75.9
GE 800	70.4	71.0	71.8	72.4	73.5	74.0	74.6	75.4	75.5	75.7	76.2	76.3	76.3	76.4	76.9	77.1
GE 700	71.0	71.8	72.9	73.7	75.0	75.5	76.2	77.0	77.1	77.4	77.9	78.0	78.0	78.1	78.6	78.8
GE 600	72.2	73.0	74.6	75.5	76.9	77.4	78.1	78.9	79.0	79.3	80.0	80.1	80.1	80.2	80.7	80.9
GE 500	73.0	74.0	75.6	76.8	78.3	78.8	79.5	80.3	80.7	81.2	82.4	82.7	82.7	82.8	83.7	84.0
GE 400	73.3	74.2	76.0	77.1	79.2	79.7	80.8	81.9	82.3	83.7	85.0	85.3	85.5	85.9	86.9	87.2
GE 300	74.0	75.0	77.0	78.6	80.8	82.0	83.4	84.7	85.3	87.0	89.0	89.4	90.0	90.7	92.6	93.2
GE 200	74.0	75.0	77.0	78.6	80.9	82.2	83.6	85.4	86.0	88.5	90.7	91.0	92.5	93.5	96.5	97.4
GE 100	74.0	75.0	77.0	78.6	80.9	82.2	83.6	85.4	86.0	88.6	90.8	91.2	92.7	94.3	97.9	99.6
GE 000	74.0	75.0	77.0	78.6	80.9	82.2	83.6	85.4	86.0	88.6	90.8	91.2	92.7	94.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.7	26.0	26.4	26.9	27.6	27.7	28.2	28.3	28.3	28.5	28.5	28.5	28.5	28.6	28.9	28.9
GE 20000	31.2	31.8	32.2	32.6	33.6	33.9	34.4	34.5	34.5	35.0	35.0	35.0	35.1	35.3	35.8	36.0
GE 18000	31.7	32.3	32.6	33.1	34.0	34.4	34.9	35.0	35.0	35.5	35.5	35.5	35.6	35.8	36.3	36.5
GE 16000	31.9	32.5	32.9	33.3	34.3	34.6	35.1	35.2	35.2	35.7	35.7	35.7	35.8	36.0	36.5	36.7
GE 14000	33.6	34.2	34.5	35.0	35.9	36.3	36.7	36.9	36.9	37.3	37.3	37.3	37.5	37.7	38.2	38.4
GE 12000	36.3	36.9	37.3	37.9	38.9	39.2	39.7	39.9	39.9	40.4	40.4	40.4	40.5	40.8	41.2	41.5
GE 10000	39.8	40.9	41.5	42.2	43.1	43.5	43.9	44.3	44.3	44.3	44.8	44.8	44.9	45.1	45.6	45.8
GE 9000	41.0	42.0	42.6	43.5	44.4	44.8	45.2	45.6	45.6	46.1	46.1	46.1	46.2	46.4	46.9	47.1
GE 8000	43.6	44.6	45.3	46.2	47.1	47.5	47.9	48.3	48.3	48.8	48.8	48.8	48.9	49.1	49.6	49.8
GE 7000	45.7	46.8	47.5	48.3	49.2	49.6	50.2	50.5	50.5	51.0	51.0	51.0	51.1	51.4	51.8	52.1
GE 6000	47.2	48.4	49.2	50.1	51.0	51.4	51.9	52.3	52.3	52.8	52.8	52.8	52.9	53.1	53.6	53.8
GE 5000	50.2	51.4	52.2	53.1	54.1	54.4	55.0	55.4	55.4	55.8	55.8	55.8	55.9	56.2	56.7	56.9
GE 4500	51.4	52.5	53.4	54.3	55.4	55.7	56.3	56.7	56.7	57.1	57.1	57.1	57.2	57.5	58.0	58.2
GE 4000	53.5	54.8	55.6	56.5	57.6	58.0	58.9	59.2	59.2	59.7	59.7	59.7	59.8	60.1	60.5	60.8
GE 3500	53.8	55.2	56.5	57.6	58.7	59.0	60.0	60.3	60.3	60.8	60.8	60.8	60.9	61.1	61.6	61.8
GE 3000	54.5	56.2	57.5	58.5	59.7	60.1	61.0	61.4	61.4	61.8	61.8	61.8	62.0	62.2	62.7	62.9
GE 2500	56.8	58.7	60.3	61.4	62.5	62.9	63.8	64.2	64.2	64.7	64.7	64.7	64.8	65.0	65.5	65.7
GE 2000	58.7	60.9	63.0	64.2	65.4	65.7	66.7	67.5	67.5	68.0	68.0	68.0	68.2	68.4	68.9	69.1
GE 1800	59.2	61.7	63.8	65.0	66.3	66.7	67.7	68.6	68.6	69.0	69.0	69.0	69.3	69.5	70.0	70.2
GE 1500	60.0	62.5	64.9	66.2	67.6	68.0	69.0	69.8	69.8	70.6	70.6	70.6	70.8	71.0	71.5	71.7
GE 1200	60.5	63.3	66.0	67.3	68.7	69.0	70.1	70.9	70.9	71.6	71.6	71.6	71.8	72.1	72.6	72.8
GE 1000	61.1	64.0	66.8	68.4	70.0	70.3	71.4	72.2	72.2	72.9	72.9	72.9	73.1	73.4	73.9	74.1
GE 900	61.4	64.3	67.4	69.0	70.9	71.3	72.3	73.3	73.3	74.0	74.2	74.2	74.4	74.7	75.1	75.4
GE 800	62.0	64.9	68.4	70.1	72.0	72.4	73.5	74.4	74.4	75.5	75.7	75.7	76.0	76.2	76.7	76.9
GE 700	62.3	65.3	68.9	70.7	72.7	73.1	74.4	75.6	76.0	77.0	77.3	77.3	77.5	77.9	78.3	78.6
GE 600	63.1	66.3	70.2	72.1	74.6	75.3	76.9	78.2	78.6	79.9	80.1	80.2	80.4	80.8	81.3	81.5
GE 500	64.7	68.2	72.3	74.2	77.1	78.0	79.6	80.9	81.3	82.8	83.2	83.3	83.7	84.1	84.6	84.8
GE 400	64.9	68.4	73.1	75.1	78.9	79.7	81.6	83.2	83.5	85.2	85.5	85.6	86.3	86.7	87.2	87.4
GE 300	65.4	69.0	73.9	76.4	81.2	82.0	84.2	86.2	87.2	89.9	90.7	91.3	92.9	93.5	94.7	95.1
GE 200	65.4	69.0	73.9	76.4	81.5	82.3	84.8	86.9	88.0	90.8	92.1	92.8	95.4	96.5	98.1	98.6
GE 100	65.4	69.0	73.9	76.4	81.5	82.3	84.8	86.9	88.0	90.9	92.2	92.9	95.5	96.9	98.7	100.0
GE 000	65.4	69.0	73.9	76.4	81.5	82.3	84.8	86.9	88.0	90.9	92.2	92.9	95.5	96.9	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.6	31.7	31.7	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	39.5	39.6	39.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9	39.9	40.0	40.0	40.0
GE 18000	41.5	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	42.0	42.0	42.0
GE 16000	42.4	42.5	42.5	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.9	42.9	42.9	43.0	43.0	43.0
GE 14000	44.4	44.5	44.5	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.9	44.9	44.9	45.0	45.0	45.0
GE 12000	47.3	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8	47.9	47.9	47.9
GE 10000	51.8	51.9	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4	52.4	52.4	52.5	52.5	52.5
GE 9000	53.0	53.1	53.2	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.6	53.6	53.6	53.7	53.7	53.7
GE 8000	56.2	56.4	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0	57.0	57.0
GE 7000	61.0	61.2	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.8	61.8	61.8
GE 6000	61.7	62.0	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4	62.4	62.5	62.5	62.5
GE 5000	63.8	64.1	64.2	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8
GE 4500	66.1	66.3	66.4	66.7	66.7	66.7	66.8	66.8	66.8	66.8	66.9	66.9	66.9	67.0	67.0	67.0
GE 4000	68.7	68.9	69.0	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.7	69.7	69.7
GE 3500	69.4	69.6	69.7	70.1	70.1	70.1	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.4	70.4	70.4
GE 3000	72.4	72.8	73.0	73.4	73.6	73.7	73.9	74.0	74.0	74.0	74.1	74.1	74.1	74.2	74.2	74.2
GE 2500	74.7	75.3	75.6	76.0	76.3	76.4	76.6	76.7	76.7	76.7	76.9	76.9	76.9	77.0	77.0	77.0
GE 2000	76.7	77.3	77.7	78.1	78.7	78.8	79.0	79.3	79.3	79.3	79.6	79.6	79.6	79.7	79.7	79.7
GE 1800	77.7	78.3	78.8	79.2	79.9	80.0	80.2	80.4	80.4	80.4	80.8	80.8	80.8	80.9	80.9	80.9
GE 1500	79.5	80.2	81.0	81.7	82.7	82.8	83.0	83.3	83.3	83.3	83.6	83.6	83.6	83.7	83.7	83.7
GE 1200	81.9	82.9	84.0	84.7	85.6	85.7	86.0	86.2	86.2	86.2	86.6	86.6	86.6	86.7	86.7	86.7
GE 1000	83.3	84.7	85.7	86.5	87.4	87.5	87.8	88.2	88.2	88.2	88.6	88.7	88.7	88.8	88.8	88.8
GE 900	83.4	85.0	86.1	86.9	87.9	88.0	88.3	88.8	88.8	88.8	89.2	89.3	89.3	89.5	89.5	89.5
GE 800	83.9	85.5	86.6	87.4	88.3	88.5	88.8	89.3	89.3	89.3	89.6	89.8	89.8	90.0	90.0	90.0
GE 700	84.2	86.5	87.5	88.3	89.3	89.4	89.8	90.2	90.3	90.3	90.8	90.9	91.2	91.4	91.4	91.4
GE 600	84.6	86.9	88.1	89.2	90.1	90.3	90.8	91.3	91.6	91.6	92.2	92.5	92.7	92.9	92.9	92.9
GE 500	85.0	87.4	88.8	90.1	91.2	91.4	91.9	92.6	92.9	92.9	93.9	94.5	94.8	95.5	95.5	95.5
GE 400	85.3	87.9	89.4	91.2	92.6	93.1	93.5	94.3	94.7	94.7	96.0	96.7	97.1	97.8	97.8	97.8
GE 300	85.3	87.9	89.4	91.2	92.7	93.3	93.8	94.7	95.1	95.1	96.7	97.4	97.9	98.9	98.9	98.9
GE 200	85.3	87.9	89.4	91.2	92.7	93.3	93.8	94.7	95.1	95.1	96.7	97.5	98.0	99.2	99.2	99.4
GE 100	85.3	87.9	89.4	91.2	92.7	93.3	93.8	94.7	95.1	95.1	96.7	97.5	98.2	99.6	99.6	100.0
GE 000	85.3	87.9	89.4	91.2	92.7	93.3	93.8	94.7	95.1	95.1	96.7	97.5	98.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE C	
NO CEIL	40.9	41.2	41.5	41.6	41.7	41.7	41.8	41.8	41.8	41.8	42.0	42.0	42.2	42.2	42.2	42.4	43.0
GE 20000	44.4	44.8	45.0	45.1	45.2	45.2	45.3	45.3	45.3	45.6	45.6	45.7	45.7	45.7	45.9	46.5	
GE 18000	45.1	45.5	45.7	45.8	45.9	45.9	46.1	46.1	46.1	46.3	46.3	46.4	46.4	46.4	46.6	47.2	
GE 16000	45.5	45.8	46.1	46.2	46.3	46.3	46.4	46.4	46.4	46.6	46.6	46.8	46.8	46.8	47.0	47.6	
GE 14000	45.6	45.9	46.2	46.3	46.4	46.4	46.5	46.5	46.5	46.8	46.8	46.9	46.9	46.9	47.1	47.7	
GE 12000	47.5	47.8	48.1	48.2	48.3	48.3	48.4	48.4	48.4	48.6	48.6	48.8	48.8	48.8	49.0	49.6	
GE 10000	50.6	51.0	51.2	51.4	51.5	51.5	51.6	51.6	51.6	52.1	52.1	52.2	52.2	52.2	52.4	53.0	
GE 9000	52.5	52.9	53.1	53.2	53.4	53.4	53.5	53.5	53.5	53.9	54.1	54.1	54.1	54.1	54.3	54.9	
GE 8000	56.5	56.9	57.1	57.2	57.5	57.5	57.7	57.7	57.7	58.2	58.2	58.3	58.3	58.3	58.5	59.1	
GE 7000	59.4	59.7	60.0	60.2	60.4	60.4	60.7	60.7	60.7	61.1	61.1	61.2	61.2	61.2	61.5	62.1	
GE 6000	60.5	61.0	61.2	61.5	61.7	61.7	62.0	62.1	62.1	62.5	62.5	62.7	62.7	62.8	63.0	63.6	
GE 5000	63.1	63.6	63.8	64.1	64.3	64.3	64.5	64.7	64.7	65.1	65.1	65.3	65.3	65.4	65.6	66.2	
GE 4500	64.7	65.1	65.4	65.6	65.8	65.8	66.1	66.2	66.2	66.7	66.7	66.8	66.8	66.9	67.1	67.7	
GE 4000	66.8	67.3	67.5	67.8	68.1	68.1	68.3	68.4	68.4	68.9	68.9	69.0	69.0	69.1	69.4	70.0	
GE 3500	68.4	68.9	69.4	69.7	70.0	70.0	70.2	70.3	70.3	70.8	70.8	70.9	70.9	71.0	71.3	71.8	
GE 3000	70.9	71.4	72.1	72.6	72.8	72.8	73.0	73.1	73.1	73.6	73.6	73.7	73.7	73.9	74.1	74.7	
GE 2500	72.9	73.4	74.1	74.6	74.9	74.9	75.4	75.5	75.5	76.0	76.0	76.1	76.1	76.2	76.4	77.0	
GE 2000	74.7	75.1	75.9	76.3	76.8	76.8	77.3	77.4	77.4	77.9	77.9	78.0	78.0	78.1	78.3	78.9	
GE 1800	75.5	76.0	76.7	77.1	77.6	77.6	78.1	78.2	78.2	78.7	78.7	78.8	78.8	78.9	79.2	79.7	
GE 1500	76.4	76.9	77.9	78.3	78.8	78.8	79.4	79.5	79.5	80.0	80.0	80.1	80.1	80.2	80.4	81.0	
GE 1200	77.3	78.1	79.4	79.9	80.3	80.3	80.9	81.2	81.2	81.6	81.6	81.7	81.7	81.9	82.1	82.7	
GE 1000	78.7	79.6	81.0	81.5	82.1	82.1	82.7	82.9	82.9	83.4	83.4	83.5	83.5	83.6	83.9	84.5	
GE 900	79.5	80.6	82.0	82.4	83.0	83.0	83.7	84.0	84.0	84.5	84.5	84.6	84.6	84.7	84.9	85.5	
GE 800	79.7	80.8	82.3	82.8	83.4	83.4	84.1	84.3	84.3	84.8	85.0	85.3	85.4	85.5	85.7	86.3	
GE 700	80.2	81.3	82.8	83.3	83.9	83.9	84.7	85.0	85.0	85.5	85.9	86.1	86.2	86.3	86.6	87.2	
GE 600	81.0	82.1	83.6	84.1	84.7	84.8	86.0	86.6	86.6	87.0	87.4	87.8	87.9	88.0	88.2	88.8	
GE 500	82.4	83.5	85.0	85.5	86.2	86.5	87.8	88.9	89.0	90.0	90.3	90.7	90.8	90.9	91.3	91.9	
GE 400	82.9	84.0	85.5	86.0	86.7	86.9	88.2	89.5	89.8	90.8	91.2	91.5	91.6	91.8	92.1	92.7	
GE 300	83.2	84.3	85.9	86.3	87.2	87.5	88.9	90.3	90.6	92.0	92.7	93.1	93.6	94.1	94.9	95.5	
GE 200	83.2	84.3	86.0	86.5	87.3	87.6	89.0	90.7	90.9	92.6	93.4	94.0	95.2	96.2	97.3	98.1	
GE 100	83.2	84.3	86.0	86.5	87.3	87.6	89.0	90.8	91.0	92.8	93.8	94.3	95.5	96.9	98.1	99.8	
GE 000	83.2	84.3	86.0	86.5	87.3	87.6	89.0	90.8	91.0	92.8	93.8	94.3	95.5	96.9	98.1	100.0	

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.6	51.8	51.8	51.9	52.2	52.2	52.3	52.3	52.4	52.4	52.5	52.5	52.8	53.0	53.3	53.4
GE 20000	56.6	56.8	56.8	56.9	57.1	57.1	57.3	57.3	57.4	57.4	57.5	57.5	57.8	58.1	58.4	58.5
GE 18000	57.3	57.5	57.5	57.6	57.8	57.8	58.1	58.1	58.2	58.2	58.3	58.3	58.6	58.8	59.1	59.2
GE 16000	57.3	57.5	57.5	57.6	57.8	57.8	58.1	58.1	58.2	58.2	58.3	58.3	58.6	58.8	59.1	59.2
GE 14000	57.7	58.0	58.0	58.1	58.3	58.3	58.5	58.5	58.6	58.6	58.7	58.7	59.0	59.2	59.6	59.7
GE 12000	58.8	59.0	59.0	59.1	59.4	59.4	59.6	59.6	59.7	59.7	59.8	59.8	60.1	60.3	60.6	60.8
GE 10000	61.4	61.7	61.7	61.9	62.2	62.2	62.4	62.4	62.5	62.5	62.7	62.7	63.1	63.3	63.7	63.8
GE 9000	62.8	63.1	63.1	63.3	63.5	63.5	63.8	63.8	63.9	63.9	64.1	64.1	64.5	64.7	65.1	65.2
GE 8000	66.8	67.1	67.2	67.4	67.6	67.6	67.8	67.8	68.0	68.0	68.2	68.2	68.6	68.8	69.1	69.2
GE 7000	70.1	70.4	70.5	70.8	71.0	71.0	71.3	71.3	71.4	71.4	71.6	71.6	72.0	72.3	72.6	72.7
GE 6000	70.4	70.8	70.9	71.1	71.3	71.3	71.6	71.6	71.7	71.7	71.9	71.9	72.4	72.6	72.9	73.0
GE 5000	72.9	73.2	73.3	73.5	73.8	73.8	74.1	74.1	74.2	74.2	74.5	74.5	74.9	75.2	75.5	75.6
GE 4500	74.7	75.2	75.3	75.5	75.7	75.7	76.0	76.1	76.2	76.2	76.6	76.6	77.0	77.2	77.5	77.6
GE 4000	76.8	77.2	77.3	77.5	77.7	77.7	78.1	78.2	78.3	78.4	78.7	78.7	79.1	79.4	79.8	79.9
GE 3500	78.6	79.0	79.1	79.4	79.6	79.6	79.9	80.0	80.1	80.2	80.5	80.5	81.0	81.2	81.6	81.7
GE 3000	81.2	81.6	81.7	82.0	82.4	82.4	82.7	82.8	82.9	83.0	83.3	83.3	83.8	84.0	84.4	84.5
GE 2500	82.6	83.1	83.2	83.5	83.9	83.9	84.2	84.3	84.4	84.5	84.8	84.8	85.3	85.5	85.9	86.0
GE 2000	84.2	84.7	84.9	85.3	85.6	85.6	85.9	86.0	86.1	86.2	86.6	86.6	87.0	87.2	87.6	87.7
GE 1800	84.3	84.9	85.2	85.5	85.8	85.8	86.1	86.2	86.3	86.5	86.8	86.8	87.2	87.4	87.8	88.0
GE 1500	85.5	86.2	86.6	86.9	87.2	87.2	87.5	87.6	87.7	87.8	88.2	88.2	88.6	88.8	89.2	89.4
GE 1200	85.7	86.6	86.9	87.2	87.6	87.6	88.0	88.1	88.2	88.3	88.6	88.6	89.0	89.2	89.7	89.8
GE 1000	86.6	87.4	87.7	88.1	88.5	88.5	88.8	88.9	89.0	89.2	89.6	89.6	90.0	90.2	90.6	90.8
GE 900	87.0	87.8	88.4	88.7	89.1	89.1	89.6	89.7	89.8	90.1	90.4	90.4	90.9	91.1	91.5	91.6
GE 800	87.6	88.5	89.0	89.4	89.8	89.8	90.2	90.3	90.4	90.8	91.1	91.1	91.5	91.7	92.2	92.3
GE 700	88.1	88.9	89.5	89.8	90.2	90.2	90.6	90.8	90.9	91.2	91.6	91.6	92.0	92.3	92.7	92.8
GE 600	89.4	90.2	90.9	91.2	91.6	91.7	92.3	92.4	92.5	93.0	93.4	93.7	94.1	94.3	94.7	94.8
GE 500	89.7	90.5	91.2	91.5	91.9	92.0	92.7	93.1	93.2	93.8	94.2	94.4	94.8	95.1	95.5	95.6
GE 400	90.0	90.9	91.5	91.9	92.5	92.6	93.2	93.7	93.8	94.3	94.8	94.8	95.2	95.6	95.8	96.3
GE 300	90.2	91.1	91.7	92.2	92.7	92.8	93.4	94.1	94.3	94.8	95.6	95.9	96.5	96.7	97.5	97.6
GE 200	90.2	91.2	91.8	92.3	92.9	93.0	93.8	94.6	94.8	95.4	96.1	96.5	97.6	98.5	99.8	99.9
GE 100	90.2	91.2	91.8	92.3	92.9	93.0	93.8	94.6	94.8	95.5	96.2	96.6	97.7	98.6	99.9	100.0
GE 000	90.2	91.2	91.8	92.3	92.9	93.0	93.8	94.6	94.8	95.5	96.2	96.6	97.7	98.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.9	35.6	36.6	37.2	37.8	38.0	38.2	38.2	38.3	38.5	38.5	38.5	38.8	39.2	40.1	40.5
GE 20000	41.0	41.6	42.8	43.4	44.1	44.2	44.4	44.4	44.5	44.7	44.7	44.7	45.1	45.5	46.3	46.8
GE 18000	41.4	42.0	43.2	43.9	44.5	44.6	44.8	44.8	44.9	45.2	45.2	45.2	45.5	45.9	46.8	47.2
GE 16000	41.4	42.0	43.2	43.9	44.5	44.6	44.8	44.8	44.9	45.2	45.2	45.2	45.5	45.9	46.8	47.2
GE 14000	42.2	42.8	44.0	44.7	45.4	45.5	45.7	45.7	45.8	46.0	46.0	46.0	46.3	46.8	47.6	48.1
GE 12000	44.3	44.9	46.1	46.9	47.5	47.6	47.8	47.8	48.0	48.2	48.2	48.2	48.5	48.9	49.8	50.2
GE 10000	48.6	49.2	50.4	51.2	51.8	51.9	52.2	52.2	52.3	52.5	52.6	52.6	53.1	53.5	54.5	54.9
GE 9000	50.3	51.0	52.2	52.9	53.5	53.7	53.9	53.9	54.0	54.3	54.4	54.4	54.9	55.4	56.3	56.8
GE 8000	54.1	54.7	55.9	56.7	57.3	57.4	57.6	57.6	57.7	58.1	58.2	58.2	58.7	59.1	60.1	60.5
GE 7000	58.1	58.9	60.1	60.9	61.5	61.6	61.8	61.8	61.9	62.3	62.4	62.4	62.9	63.3	64.3	64.7
GE 6000	59.6	60.4	61.6	62.4	63.0	63.1	63.3	63.3	63.4	63.8	63.9	63.9	64.4	64.8	65.8	66.2
GE 5000	62.2	63.0	64.2	64.9	65.6	65.7	65.9	65.9	66.1	66.5	66.6	66.6	67.1	67.5	68.5	68.9
GE 4500	63.0	63.9	65.1	65.8	66.5	66.6	66.8	66.8	67.0	67.3	67.4	67.4	68.0	68.4	69.4	69.8
GE 4000	64.7	65.6	66.8	67.5	68.2	68.3	68.5	68.5	68.7	69.0	69.1	69.1	69.7	70.1	71.3	71.7
GE 3500	66.5	67.4	68.8	69.6	70.2	70.3	70.5	70.5	70.8	71.1	71.2	71.2	71.7	72.2	73.3	73.8
GE 3000	68.2	69.2	71.1	72.0	72.8	72.9	73.1	73.1	73.3	73.7	73.8	73.8	74.3	74.7	75.9	76.3
GE 2500	68.6	69.8	71.6	72.6	73.3	73.7	73.9	73.9	74.1	74.4	74.5	74.5	75.1	75.5	76.7	77.1
GE 2000	70.1	71.4	73.2	74.2	74.9	75.3	75.5	75.5	75.7	76.0	76.1	76.1	76.7	77.1	78.3	78.7
GE 1800	70.1	71.4	73.2	74.2	74.9	75.3	75.5	75.5	75.7	76.0	76.1	76.1	76.7	77.1	78.3	78.7
GE 1500	70.6	72.2	74.0	74.9	75.9	76.2	76.5	76.5	76.7	77.0	77.1	77.1	77.6	78.1	79.2	79.7
GE 1200	71.3	72.8	74.7	75.7	76.9	77.2	77.5	77.5	77.7	78.1	78.2	78.3	78.8	79.2	80.5	81.1
GE 1000	71.9	73.4	75.5	76.5	77.8	78.2	78.5	78.6	78.8	79.1	79.2	79.4	79.9	80.3	81.6	82.4
GE 900	72.4	74.3	76.3	77.5	78.9	79.2	79.6	79.8	80.0	80.3	80.4	80.5	81.1	81.5	82.8	83.5
GE 800	73.3	75.4	77.6	78.8	80.2	80.5	81.0	81.2	81.5	81.8	81.9	82.0	82.6	83.0	84.3	85.1
GE 700	73.7	75.8	78.1	79.2	80.8	81.1	81.5	81.9	82.3	82.6	82.8	82.9	83.5	84.0	85.3	86.1
GE 600	75.2	77.4	79.8	81.0	82.6	82.9	83.4	84.2	84.5	84.8	85.1	85.2	85.8	86.5	87.7	88.6
GE 500	76.3	79.0	81.6	83.1	84.8	85.2	85.8	86.6	87.3	87.6	87.8	88.0	88.8	89.6	91.0	91.8
GE 400	77.1	79.8	82.5	84.2	85.9	86.5	87.1	88.1	88.8	89.4	89.8	89.9	91.1	91.8	93.3	94.2
GE 300	77.3	80.1	82.8	84.5	86.6	87.5	88.2	89.4	90.3	91.0	91.6	91.9	93.4	94.3	96.0	97.0
GE 200	77.3	80.1	82.8	84.5	86.7	87.6	88.4	89.8	91.1	91.8	92.6	93.0	95.1	96.2	98.4	99.7
GE 100	77.3	80.1	82.8	84.5	86.7	87.6	88.4	89.8	91.1	91.8	92.6	93.0	95.1	96.2	98.4	100.0
GE 000	77.3	80.1	82.8	84.5	86.7	87.6	88.4	89.8	91.1	91.8	92.6	93.0	95.1	96.2	98.4	100.0

TOTAL NUMER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 20000	43.1	43.2	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 18000	43.5	43.7	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 16000	43.8	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 14000	45.8	45.9	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	47.8	48.0	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 10000	52.0	52.2	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 9000	53.7	53.8	54.0	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
GE 8000	55.7	55.8	56.1	56.1	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 7000	58.2	58.3	58.8	58.8	58.8	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 6000	59.0	59.1	59.7	59.7	59.8	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 5000	61.0	61.1	61.6	61.6	61.7	61.7	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4500	62.3	62.4	62.9	62.9	63.0	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4000	66.2	66.3	66.9	66.9	67.0	67.0	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 3500	71.9	72.0	72.6	72.6	72.7	72.7	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 3000	79.4	79.5	80.0	80.0	80.1	80.1	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 2500	84.2	84.4	85.1	85.1	85.2	85.2	85.4	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	86.2	86.6	87.3	87.3	87.4	87.4	87.7	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	87.1	87.4	88.2	88.2	88.3	88.3	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 1500	88.7	89.1	90.2	90.3	90.4	90.4	90.8	90.9	90.9	91.1	91.1	91.3	91.3	91.3	91.3	91.3
GE 1200	90.0	90.6	91.7	91.8	91.9	91.9	92.3	92.4	92.4	92.6	92.6	92.8	92.8	92.8	92.8	92.8
GE 1000	91.1	92.0	93.2	93.3	93.5	93.5	93.9	94.0	94.0	94.2	94.2	94.4	94.4	94.4	94.4	94.4
GE 900	91.5	93.1	94.3	94.4	94.6	94.6	94.9	95.1	95.1	95.3	95.3	95.5	95.5	95.5	95.5	95.5
GE 800	92.5	94.2	95.5	95.6	96.1	96.1	96.5	96.7	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1
GE 700	92.7	94.5	95.9	96.2	96.8	96.8	97.1	97.3	97.3	97.5	97.5	97.7	97.7	97.7	97.7	97.7
GE 600	92.9	94.7	96.1	96.5	97.1	97.1	97.5	97.7	97.7	98.0	98.1	98.3	98.3	98	98.3	98.3
GE 500	93.2	95.2	96.6	97.0	97.8	97.8	98.3	98.5	98.5	98.8	98.9	99.1	99.1	99.1	99.1	99.1
GE 400	93.7	95.6	97.0	97.4	98.3	98.3	98.7	98.9	98.9	99.4	99.5	99.7	99.7	99.7	99.7	99.7
GE 300	93.7	95.6	97.0	97.4	98.4	98.4	98.8	99.0	99.0	99.5	99.6	99.8	99.8	99.9	99.9	99.9
GE 200	93.7	95.6	97.0	97.4	98.4	98.4	98.9	9.1	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0
GE 100	93.7	95.6	97.0	97.4	98.4	98.4	98.9	99.1	99.1	99.6	99.7	99.9	99.9	100.0	100.0	100.0
GE 000	93.7	95.6	97.0	97.4	98.4	98.4	98.9	99.1	99.1	99.6	99.7	99.9	99.9	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	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	50.5
GE 20000	58.8	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1
GE 18000	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8
GE 16000	59.6	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.9	59.9	59.9
GE 14000	60.3	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.6	60.6	60.6
GE 12000	63.2	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.5	63.5	63.5
GE 10000	67.1	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.4	67.4	67.4
GE 9000	69.4	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.7	69.7	69.7
GE 8000	73.5	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.2	74.2
GE 7000	76.9	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5	77.5
GE 6000	78.0	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6
GE 5000	81.4	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0
GE 4500	83.0	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.7
GE 4000	86.6	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.2
GE 3500	87.8	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.6	88.6	88.6
GE 3000	90.1	90.9	91.0	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5
GE 2500	91.7	92.6	92.7	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.2	93.2	93.2
GE 2000	92.4	93.2	93.3	93.5	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	93.9	93.9
GE 1800	92.8	93.7	93.8	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3
GE 1500	93.1	94.0	94.1	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.6	94.6	94.6
GE 1200	93.4	94.3	94.4	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9
GE 1000	93.9	94.8	94.9	95.2	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
GE 900	94.1	95.2	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
GE 800	94.3	95.5	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2
GE 700	94.6	95.8	96.0	96.5	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9	97.0	97.0	97.0
GE 600	94.7	95.9	96.3	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.4	97.4	97.5	7.5	97.5
GE 500	95.4	96.6	97.0	97.7	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.4	98.4	98.5	98.5	98.5
GE 400	95.5	96.7	97.1	98.0	98.2	98.2	98.3	98.4	98.5	98.9	99.1	99.4	99.4	99.5	99.5	99.5
GE 300	95.5	96.7	97.1	98.0	98.2	98.2	98.3	98.4	98.5	99.1	99.5	99.7	99.7	99.8	99.8	99.8
GE 200	95.5	96.7	97.1	98.0	98.2	98.2	98.3	98.4	98.6	99.2	99.6	99.8	99.9	100.0	100.0	100.0
GE 100	95.5	96.7	97.1	98.0	98.2	98.2	98.3	98.4	98.6	99.2	99.6	99.8	99.9	100.0	100.0	100.0
GE 000	95.5	96.7	97.1	98.0	98.2	98.2	98.3	98.4	98.6	99.2	99.6	99.8	99.9	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	43.1	43.3	43.5	43.7	43.7	43.8	43.8	43.9	43.9	44.0	44.0	44.1	44.2	44.4	44.5
GE 20000	50.3	50.5	50.8	51.0	51.2	51.2	51.3	51.3	51.3	51.4	51.5	51.5	51.6	51.7	51.9	52.0
GE 18000	50.9	51.1	51.5	51.7	51.8	51.8	51.9	51.9	52.0	52.0	52.1	52.1	52.2	52.4	52.5	52.6
GE 16000	51.0	51.2	51.5	51.7	51.9	51.9	52.0	52.0	52.1	52.1	52.2	52.2	52.3	52.4	52.6	52.7
GE 14000	51.8	52.1	52.4	52.6	52.8	52.8	52.9	52.9	52.9	53.0	53.1	53.1	53.2	53.3	53.5	53.6
GE 12000	54.2	54.4	54.7	54.9	55.1	55.1	55.2	55.2	55.3	55.3	55.4	55.4	55.5	55.7	55.8	56.0
GE 10000	58.4	58.6	59.0	59.2	59.4	59.4	59.5	59.5	59.5	59.6	59.7	59.7	59.9	60.0	60.2	60.3
GE 9000	59.8	60.0	60.4	60.6	60.8	60.8	60.9	60.9	60.9	61.0	61.1	61.1	61.3	61.4	61.6	61.7
GE 8000	63.3	63.6	64.0	64.3	64.4	64.4	64.6	64.6	64.6	64.7	64.8	64.8	65.0	65.1	65.3	65.4
GE 7000	66.9	67.2	67.7	67.9	68.1	68.1	68.2	68.2	68.3	68.4	68.5	68.5	68.6	68.8	69.0	69.1
GE 6000	67.9	68.3	68.7	68.9	69.1	69.1	69.2	69.3	69.3	69.4	69.5	69.5	69.7	69.8	70.0	70.1
GE 5000	70.4	70.8	71.2	71.5	71.7	71.7	71.8	71.8	71.9	72.0	72.1	72.1	72.3	72.4	72.6	72.7
GE 4500	71.7	72.1	72.6	72.8	73.0	73.0	73.1	73.2	73.2	73.3	73.4	73.4	73.6	73.8	74.0	74.1
GE 4000	74.6	75.0	75.5	75.7	75.9	76.0	76.1	76.1	76.2	76.3	76.4	76.4	76.6	76.7	77.0	77.1
GE 3500	77.0	77.5	77.9	78.2	78.4	78.4	78.6	78.6	78.7	78.8	78.9	78.9	79.1	79.2	79.5	79.6
GE 3000	80.0	80.6	81.2	81.6	81.9	81.9	82.1	82.1	82.2	82.3	82.4	82.4	82.6	82.8	83.0	83.1
GE 2500	81.7	82.3	83.1	83.4	83.8	83.8	84.0	84.0	84.1	84.2	84.3	84.3	84.5	84.7	84.9	85.0
GE 2000	83.1	83.8	84.5	84.9	85.3	85.3	85.5	85.6	85.6	85.8	85.9	85.9	86.0	86.2	86.4	86.6
GE 1800	83.4	84.1	84.9	85.3	85.6	85.7	85.9	85.9	86.0	86.1	86.2	86.2	86.4	86.6	86.8	86.9
GE 1500	84.3	85.2	86.0	86.5	86.8	86.9	87.1	87.2	87.2	87.4	87.5	87.5	87.7	87.8	88.1	88.2
GE 1200	85.3	86.2	87.1	87.6	88.0	88.1	88.3	88.3	88.4	88.6	88.7	88.8	88.9	89.1	89.3	89.5
GE 1000	86.1	87.2	88.1	88.6	89.1	89.2	89.4	89.5	89.6	89.7	89.9	89.9	90.1	90.3	90.5	90.7
GE 900	86.6	87.8	88.8	89.3	89.8	89.9	90.2	90.3	90.3	90.5	90.6	90.7	90.9	91.0	91.3	91.5
GE 800	87.3	88.6	89.7	90.2	90.8	90.9	91.2	91.3	91.4	91.6	91.7	91.8	91.9	92.1	92.4	92.5
GE 700	87.7	89.1	90.1	90.8	91.4	91.5	91.7	91.9	91.9	92.2	92.3	92.4	92.6	92.8	93.0	93.2
GE 600	88.4	90.0	91.1	91.8	92.5	92.6	93.0	93.2	93.2	93.6	93.7	93.9	94.1	94.3	94.5	94.7
GE 500	89.0	90.7	91.9	92.7	93.5	93.6	94.0	94.3	94.4	94.8	95.0	95.1	95.4	95.6	95.9	96.0
GE 400	89.4	91.1	92.4	93.3	94.3	94.4	94.9	95.3	95.5	96.0	96.2	96.5	96.8	97.0	97.3	97.5
GE 300	89.5	91.3	92.6	93.5	94.5	94.8	95.3	95.7	95.9	96.6	97.0	97.3	97.6	97.9	98.4	98.6
GE 200	89.5	91.3	92.7	93.6	94.7	94.9	95.5	96.0	96.3	97.0	97.5	97.8	98.5	98.9	99.6	99.9
GE 100	89.5	91.3	92.7	93.6	94.7	94.9	95.5	96.0	96.3	97.0	97.5	97.8	98.5	98.9	99.6	100.0
GE 000	89.5	91.3	92.7	93.6	94.7	94.9	95.5	96.0	96.3	97.0	97.5	97.8	98.5	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.3	61.4	61.4	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.7	61.8	61.8	61.9
GE 20000	68.8	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.2	69.2	69.3
GE 18000	68.9	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.2	69.3	69.3	69.4
GE 16000	69.0	69.1	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.3	69.4	69.4	69.6
GE 14000	69.1	69.2	69.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.4	69.6	69.6	69.7
GE 12000	71.3	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.8	71.8	71.9
GE 10000	76.2	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.4	76.6	76.7	76.7	76.8
GE 9000	78.6	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	79.0	79.0	79.1
GE 8000	83.7	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.1	84.1	84.2
GE 7000	86.3	86.4	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.8	86.8	86.9
GE 6000	87.0	87.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.4	87.6	87.6	87.7
GE 5000	90.0	90.1	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.6	90.7	90.7	90.8
GE 4500	90.9	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.6	91.6	91.7
GE 4000	92.1	92.2	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.8	92.9	92.9	93.0
GE 3500	92.9	93.1	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.9	93.9	94.0
GE 3000	93.0	93.2	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.9	94.0	94.0	94.1
GE 2500	93.4	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.6
GE 2000	93.4	93.7	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.3	94.4	94.4	94.6
GE 1800	93.6	93.8	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.4	94.6	94.6	94.7
GE 1500	93.8	94.0	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.8	94.9	94.9	95.0
GE 1200	94.4	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.4	95.6	95.7	95.7	95.8
GE 1000	94.8	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.9	96.0	96.1	96.2	96.2	96.3
GE 900	95.0	95.7	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.6	96.7	96.8	96.8	96.9
GE 800	95.2	95.9	96.4	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.9	97.0	97.1	97.2	97.2	97.3
GE 700	95.6	96.2	96.8	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.3	97.4	97.7	97.8	97.8	97.9
GE 600	96.0	96.7	97.2	97.3	97.4	97.4	97.4	97.6	97.6	97.6	97.8	97.9	98.1	98.2	98.2	98.3
GE 500	96.1	96.8	97.4	97.7	97.8	97.8	97.8	97.9	97.9	97.9	98.1	98.2	98.4	98.6	98.6	98.7
GE 400	96.4	97.1	97.8	98.0	98.1	98.1	98.2	98.3	98.3	98.3	98.6	98.7	98.9	99.0	99.0	99.1
GE 300	96.6	97.2	98.0	98.2	98.3	98.3	98.6	98.7	98.7	98.7	98.9	99.0	99.2	99.3	99.3	99.4
GE 200	96.6	97.2	98.0	98.2	98.3	98.3	98.6	98.7	98.7	98.7	98.9	99.0	99.4	99.6	99.6	100.0
GE 100	96.6	97.2	98.0	98.2	98.3	98.3	98.6	98.7	98.7	98.7	98.9	99.0	99.4	99.6	99.6	100.0
GE 000	96.6	97.2	98.0	98.2	98.3	98.3	98.6	98.7	98.7	98.7	98.9	99.0	99.4	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 20000	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	62.4	62.4	62.4
GE 18000	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 16000	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 14000	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	71.4	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 9000	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 8000	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 7000	77.9	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 6000	79.9	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	82.0	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	82.3	82.7	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4000	84.3	84.7	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3500	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3000	89.1	89.4	89.6	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 2500	91.4	91.8	91.9	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	92.7	93.0	93.1	93.2	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	93.1	93.4	93.6	93.7	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	94.1	94.6	94.8	94.9	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1200	95.4	95.9	96.2	96.3	96.7	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1000	96.1	96.6	96.9	97.0	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	96.3	96.8	97.1	97.2	97.6	97.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 800	96.6	97.0	97.4	97.7	98.0	98.0	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 700	96.8	97.6	98.0	98.3	98.7	98.7	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	96.8	97.8	98.2	98.6	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 500	97.1	98.1	98.6	98.9	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 400	97.1	98.1	98.6	98.9	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 300	97.1	98.1	98.6	98.9	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9
GE 200	97.1	98.1	98.6	98.9	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	98.1	98.6	98.9	99.4	99.4	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	98.1	98.6	98.9	99.4	99.4	99.7	99.9	99.9	99.9	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 20000	54.9	54.9	54.9	54.9	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	55.4	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 16000	56.0	56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	56.6	56.6	56.6	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	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	62.1	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	63.7	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	63.9	63.9
GE 8000	67.1	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	69.6	69.7	69.7	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 6000	71.0	71.2	71.2	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 5000	74.6	74.8	75.	75.2	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	77.7	77.9	78.2	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	84.7	84.9	85.2	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	89.3	89.6	89.9	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 3000	94.0	94.4	94.8	95.0	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 2500	95.0	95.4	95.9	96.1	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	95.9	96.3	96.8	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	96.0	96.4	96.9	97.1	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	96.3	97.0	97.6	97.9	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	96.3	97.0	97.6	98.0	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	96.9	97.8	98.3	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	96.9	97.8	98.3	99.1	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	96.9	97.8	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	96.9	97.8	98.4	99.2	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	97.8	98.6	99.3	99.8	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 18000	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 16000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 14000	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 12000	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 10000	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 9000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 8000	84.1	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 7000	86.0	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 6000	87.2	87.3	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	91.9	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4500	92.8	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	93.6	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 3500	94.9	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 3000	95.3	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 2500	95.9	96.2	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7
GE 2000	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 1800	96.3	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 1500	96.7	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.6
GE 1200	96.9	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 1000	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 900	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 800	97.4	97.9	98.3	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 700	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 600	97.7	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 500	97.7	98.3	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0
GE 400	97.7	98.4	98.9	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 300	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7
GE 200	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.4	99.6	99.7	99.8	99.9	99.9	99.9
GE 100	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.7	99.8	100.0	100.0	100.0	100.0
GE 000	97.8	98.6	99.0	99.2	99.2	99.2	99.2	99.4	99.4	99.6	99.7	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	63.0	63.0	63.0	63.0
GE 20000	68.6	68.6	68.7	68.7	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1
GE 18000	68.7	68.7	68.8	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3
GE 16000	68.7	68.7	68.8	68.8	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3
GE 4000	69.0	69.0	69.1	69.1	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.7	69.7
GE 12000	70.3	70.3	70.4	70.4	70.4	70.6	70.7	70.7	70.7	70.7	70.7	70.7	71.0	71.0	71.0	71.0
GE 10000	75.5	75.5	75.7	75.7	75.7	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.2	76.2	76.2
GE 9000	76.7	76.7	76.9	76.9	76.9	77.1	77.2	77.2	77.2	77.2	77.2	77.2	77.4	77.4	77.4	77.4
GE 8000	82.3	82.3	82.4	82.4	82.4	82.6	82.8	82.8	82.8	82.8	82.8	82.8	83.0	83.0	83.0	83.0
GE 7000	84.9	84.9	85.0	85.0	85.0	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.6	85.6	85.6	85.6
GE 6000	87.4	87.4	87.6	87.6	87.6	87.8	87.9	87.9	87.9	87.9	87.9	87.9	88.1	88.1	88.1	88.1
GE 5000	90.5	90.5	90.6	90.6	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2
GE 4500	91.8	91.8	91.9	91.9	91.9	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.5	92.5	92.5	92.5
GE 4000	93.2	93.2	93.4	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8	94.0	94.0	94.0	94.0
GE 3500	94.0	94.0	94.2	94.2	94.2	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.8	94.8	94.8	94.8
GE 3000	95.1	95.4	95.6	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 2500	95.1	95.4	95.6	95.6	95.6	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 2000	95.2	95.5	95.7	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
GE 1800	95.2	95.5	95.7	95.7	95.7	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.3	96.3	96.3	96.3
GE 1500	95.5	95.9	96.1	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 1200	95.5	95.9	96.1	96.1	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.6
GE 1000	95.7	96.1	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.8	96.8	96.8	96.8
GE 900	95.9	96.2	96.4	96.4	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9	96.9
GE 800	96.1	96.4	96.6	96.6	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2	97.2
GE 700	96.5	97.2	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
GE 600	96.6	97.3	97.6	97.6	97.9	98.1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7
GE 500	96.9	97.6	97.9	97.9	98.3	98.5	98.6	98.6	98.6	98.7	98.9	98.9	99.2	99.2	99.2	99.2
GE 400	97.1	97.7	98.0	98.0	98.4	98.6	98.7	98.7	98.7	98.8	99.0	99.0	99.3	99.3	99.3	99.3
GE 300	97.3	97.9	98.4	98.4	98.7	98.9	99.0	99.0	99.0	99.1	99.3	99.3	99.7	99.7	99.7	99.7
GE 200	97.4	98.0	98.5	98.5	98.8	99.0	99.1	99.1	99.1	99.2	99.5	99.5	99.9	99.9	99.9	100.0
GE 100	97.4	98.0	98.5	98.5	98.8	99.0	99.1	99.1	99.1	99.2	99.5	99.5	99.9	99.9	99.9	100.0
GE 000	97.4	98.0	98.5	98.5	98.8	99.0	99.1	99.1	99.1	99.2	99.5	99.5	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.1	54.4	54.6	54.8	54.9	54.9	4.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2
GE 20000	62.9	63.3	63.5	63.8	63.9	63.9	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3
GE 18000	63.4	63.9	64.1	64.3	64.4	64.4	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.8
GE 16000	63.7	64.1	64.3	64.5	64.6	64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9	65.1
GE 14000	64.7	65.2	65.4	65.6	65.7	65.7	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.1
GE 12000	66.7	67.1	67.3	67.6	67.7	67.7	68.0	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.2
GE 10000	70.9	71.4	71.6	72.2	72.3	72.3	72.5	72.5	72.6	72.6	72.7	72.7	72.7	72.7	72.7	72.8
GE 9000	72.8	73.3	73.5	74.1	74.2	74.2	74.4	74.4	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.7
GE 8000	76.0	76.6	76.8	77.3	77.4	77.4	77.6	77.7	77.8	78.1	78.2	78.2	78.2	78.2	78.2	78.3
GE 7000	79.0	79.6	79.8	80.3	80.4	80.4	80.6	80.8	80.9	81.1	81.2	81.2	81.2	81.2	81.2	81.3
GE 6000	80.9	81.4	81.6	82.2	82.3	82.3	82.5	82.6	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.2
GE 5000	83.3	83.9	84.1	84.6	84.7	84.7	84.9	85.1	85.2	85.5	85.6	85.6	85.6	85.6	85.6	85.7
GE 4500	84.6	85.3	85.5	86.0	86.1	86.1	86.3	86.5	86.6	86.9	87.0	87.0	87.0	87.0	87.0	87.1
GE 4000	85.7	86.5	86.8	87.3	87.4	87.4	87.6	87.7	87.8	88.2	88.3	88.3	88.3	88.3	88.3	88.4
GE 3500	86.1	86.9	87.2	87.7	87.8	87.8	88.1	88.2	88.3	88.6	88.7	88.7	88.7	88.7	88.7	88.8
GE 3000	86.9	87.7	88.1	88.6	88.8	88.8	89.0	89.1	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.8
GE 2500	87.1	88.0	88.3	88.8	89.0	89.0	89.2	89.4	89.5	89.8	89.9	89.9	89.9	89.9	89.9	90.0
GE 2000	87.7	88.8	89.1	89.7	90.0	90.0	90.2	90.3	90.4	90.8	90.9	90.9	90.9	90.9	90.9	91.0
GE 1800	87.8	88.9	89.2	89.8	90.1	90.1	90.3	90.4	90.5	90.9	91.0	91.0	91.0	91.0	91.0	91.1
GE 1500	88.2	89.4	89.8	90.3	90.6	90.6	90.9	91.0	91.1	91.4	91.6	91.6	91.6	91.6	91.6	91.7
GE 1200	88.8	90.0	90.4	91.0	91.3	91.3	91.5	91.6	91.7	92.0	92.3	92.3	92.3	92.3	92.3	92.4
GE 1000	89.5	91.0	91.5	92.0	92.5	92.5	92.7	92.8	92.9	93.2	93.4	93.5	93.5	93.5	93.5	93.7
GE 900	89.8	91.3	91.8	92.4	92.8	92.8	93.0	93.1	93.2	93.5	93.8	93.9	93.9	93.9	93.9	94.0
GE 800	90.4	92.0	92.6	93.1	93.7	93.7	93.9	94.0	94.1	94.4	94.6	94.7	94.7	94.7	94.7	94.8
GE 700	90.9	92.5	93.1	93.8	94.3	94.3	94.5	94.6	94.7	95.1	95.3	95.4	95.4	95.4	95.4	95.5
GE 600	91.6	93.4	94.2	94.9	95.6	95.6	95.8	95.9	96.0	96.3	96.6	96.7	96.7	96.7	96.7	96.8
GE 500	91.6	93.7	94.7	95.9	97.0	97.0	97.2	97.3	97.4	97.7	98.0	98.1	98.1	98.1	98.1	98.2
GE 400	91.8	94.1	95.2	96.3	97.4	97.5	98.0	98.4	98.5	98.9	99.1	99.2	99.2	99.2	99.2	99.4
GE 300	91.8	94.1	95.2	96.5	97.6	97.7	98.2	98.6	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.6
GE 200	91.8	94.1	95.2	96.5	97.6	97.7	98.2	98.6	98.7	99.1	99.4	99.5	99.5	99.5	99.5	99.7
GE 100	91.8	94.1	95.2	96.5	97.6	97.7	98.2	98.6	98.7	99.1	99.4	99.5	99.5	99.5	99.6	100.0
GE 000	91.8	94.1	95.2	96.5	97.6	97.7	98.2	98.6	98.7	99.1	99.4	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 20000	47.1	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 18000	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 16000	47.8	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 14000	48.3	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 12000	51.0	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 10000	54.8	55.3	55.4	55.5	55.7	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.9
GE 9000	55.3	55.7	55.8	55.9	56.1	56.	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.3
GE 8000	57.4	57.8	58.0	58.1	58.3	58.3	5.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5
GE 7000	59.9	60.3	60.4	60.5	60.8	60.8	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	61.0
GE 6000	62.2	62.8	62.9	63.0	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.4
GE 5000	69.1	69.8	69.9	70.0	70.2	70.2	70.2	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.5
GE 4500	72.2	72.8	72.9	73.0	73.2	73.2	73.2	73.3	73.3	73.4	73.5	73.5	73.5	73.5	73.5	73.7
GE 4000	81.5	82.4	82.5	82.6	82.8	82.8	82.8	82.9	82.9	83.0	83.1	83.1	83.1	83.1	83.1	83.2
GE 3500	85.5	86.3	86.5	86.6	86.8	86.8	86.8	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.2
GE 3000	90.3	91.2	91.3	91.4	91.6	91.6	91.6	91.7	91.7	91.8	91.9	91.9	91.9	91.9	91.9	92.0
GE 2500	92.2	93.1	93.3	93.4	93.7	93.7	93.7	93.8	93.8	93.9	94.0	94.0	94.1	94.1	94.1	94.2
GE 2000	93.5	94.5	94.7	94.8	95.1	95.1	95.1	95.2	95.2	95.3	95.4	95.4	95.6	95.6	95.6	95.7
GE 1800	93.9	94.8	95.1	95.2	95.4	95.4	95.4	95.5	95.5	95.6	95.7	95.7	95.9	95.9	95.9	96.0
GE 1500	95.1	96.0	96.2	96.3	96.6	96.6	96.6	96.7	96.7	96.8	96.9	96.9	97.1	97.1	97.1	97.2
GE 1200	96.0	97.1	97.6	97.7	98.0	98.0	98.0	98.1	98.1	98.2	98.3	98.3	98.5	98.5	98.5	98.6
GE 1000	96.6	97.6	98.2	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.8	98.8	99.0	99.0	99.0	99.1
GE 900	96.7	97.7	98.3	98.4	98.6	98.6	98.6	98.7	98.7	98.8	98.9	98.9	99.1	99.1	99.1	99.2
GE 800	96.9	98.0	98.5	98.6	98.9	98.9	98.9	99.0	99.0	99.1	99.2	99.2	99.5	99.5	99.5	99.6
GE 700	96.9	98.0	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.7
GE 600	96.9	98.0	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.7
GE 500	96.9	98.0	98.7	98.9	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 400	96.9	98.0	98.7	98.9	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 300	96.9	98.0	98.7	98.9	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 200	96.9	98.0	98.7	98.9	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 100	96.9	98.0	98.7	98.9	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0
GE 000	96.9	98.0	98.7	98.9	99.4	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	54.1	54.1	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 20000	64.8	65.0	65.1	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
GE 18000	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	66.5	66.5	66.5
GE 16000	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	66.5	66.5	66.5
GE 14000	67.2	67.5	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	67.8
GE 12000	69.8	70.3	70.4	70.5	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 10000	75.9	76.4	76.5	76.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 9000	77.1	77.5	77.7	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 8000	81.2	81.7	81.8	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	84.8	85.2	85.4	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 6000	86.1	86.6	86.8	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 5000	89.0	89.6	89.8	89.9	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	90.6	91.1	91.3	91.4	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 4000	92.6	93.4	93.6	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 3500	93.6	94.6	94.8	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 3000	95.0	96.1	96.3	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	95.7	96.9	97.1	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	96.0	97.3	97.5	97.6	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	96.1	97.4	97.6	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	96.2	97.5	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1200	96.4	97.8	98.2	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	96.5	98.0	98.4	98.5	98.8	98.8	98.8	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	96.6	98.2	98.5	98.6	98.9	98.9	98.9	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	96.7	98.3	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	99.9	99.9
GE 200	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	96.9	98.4	98.8	99.0	99.3	99.3	99.3	99.3	99.3	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.0	52.0	52.1	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.4
GE 20000	60.8	60.9	61.0	61.1	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.4	61.4
GE 18000	61.3	61.4	61.5	61.6	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.9	61.9	61.9	61.9
GE 16000	61.3	61.5	61.6	61.7	61.8	61.8	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 14000	62.1	62.2	62.4	62.4	62.5	62.6	62.6	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.8
GE 12000	64.5	64.7	64.8	64.9	65.0	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.2	65.2	65.2	65.2
GE 10000	69.3	69.5	69.6	69.8	70.0	70.0	70.1	70.1	70.1	70.1	70.2	70.2	70.3	70.3	70.3	70.3
GE 9000	70.6	70.9	71.0	71.2	71.4	71.4	71.4	71.5	71.5	71.5	71.6	71.6	71.6	71.6	71.6	71.7
GE 8000	74.5	74.7	74.8	75.0	75.2	75.3	75.3	75.4	75.4	75.5	75.5	75.5	75.6	75.6	75.6	75.7
GE 7000	77.5	77.7	77.8	78.0	78.2	78.3	78.3	78.4	78.4	78.5	78.5	78.5	78.6	78.6	78.6	78.7
GE 6000	79.4	79.7	79.8	80.0	80.2	80.3	80.3	80.4	80.4	80.5	80.5	80.5	80.6	80.6	80.6	80.7
GE 5000	83.2	83.5	83.7	83.9	84.1	84.1	84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.5	84.5
GE 4500	84.7	85.0	85.1	85.3	85.5	85.6	85.6	85.7	85.7	85.8	85.9	85.9	86.0	86.0	86.0	86.1
GE 4000	87.9	88.3	88.5	88.7	89.0	89.0	89.0	89.1	89.1	89.2	89.3	89.3	89.4	89.4	89.4	89.5
GE 3500	89.5	90.0	90.2	90.4	90.6	90.7	90.7	90.8	90.8	90.9	91.0	91.0	91.1	91.1	91.1	91.2
GE 3000	91.6	92.2	92.4	92.6	92.9	92.9	93.0	93.0	93.0	93.1	93.3	93.3	93.3	93.3	93.4	93.4
GE 2500	92.3	93.0	93.2	93.5	93.7	93.7	93.8	93.8	93.9	94.0	94.1	94.1	94.2	94.2	94.2	94.2
GE 2000	93.0	93.7	94.0	94.2	94.5	94.5	94.6	94.6	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.1
GE 1800	93.1	93.8	94.1	94.3	94.6	94.6	94.7	94.8	94.8	94.9	95.0	95.0	95.1	95.1	95.1	95.2
GE 1500	93.5	94.3	94.7	94.9	95.1	95.2	95.2	95.3	95.3	95.4	95.5	95.5	95.6	95.6	95.7	95.7
GE 1200	94.1	95.0	95.4	95.6	95.9	95.9	96.0	96.1	96.1	96.2	96.3	96.3	96.4	96.4	96.5	96.5
GE 1000	94.7	95.6	96.1	96.3	96.6	96.6	96.7	96.8	96.8	96.9	97.1	97.1	97.2	97.2	97.2	97.3
GE 900	94.9	95.8	96.3	96.5	96.8	96.8	96.9	97.0	97.0	97.1	97.3	97.3	97.4	97.4	97.4	97.5
GE 800	95.2	96.1	96.6	96.9	97.2	97.2	97.3	97.4	97.4	97.5	97.7	97.7	97.8	97.8	97.8	97.9
GE 700	95.4	96.4	96.9	97.2	97.5	97.6	97.7	97.7	97.7	97.9	98.0	98.1	98.2	98.2	98.2	98.3
GE 600	95.6	96.7	97.3	97.6	98.0	98.0	98.1	98.2	98.2	98.3	98.5	98.5	98.6	98.6	98.7	98.7
GE 500	95.7	96.8	97.5	97.8	98.4	98.4	98.5	98.6	98.6	98.7	99.0	99.0	99.1	99.1	99.2	99.2
GE 400	95.8	96.9	97.6	98.0	98.5	98.6	98.7	98.9	98.9	99.1	99.3	99.3	99.5	99.5	99.5	99.6
GE 300	95.8	97.0	97.7	98.1	98.6	98.7	98.8	98.9	99.0	99.2	99.4	99.4	99.6	99.6	99.7	99.7
GE 200	95.8	97.0	97.7	98.1	98.7	98.8	98.8	98.9	99.0	99.3	99.5	99.5	99.7	99.7	99.8	99.9
GE 100	95.8	97.0	97.7	98.1	98.7	98.8	98.9	99.0	99.0	99.3	99.5	99.5	99.7	99.7	99.8	100.0
GE 000	95.8	97.0	97.7	98.1	98.7	98.8	98.9	99.0	99.0	99.3	99.5	99.5	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7395

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.0	58.2	58.2	58.2	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.7	58.9
GE 20000	65.1	65.2	65.2	65.2	65.3	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.7	66.0
GE 18000	65.4	65.5	65.5	65.5	65.6	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	66.1	66.3
GE 16000	65.6	65.7	65.7	65.7	65.9	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.3	66.6
GE 14000	66.1	66.2	66.2	66.2	66.3	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.8	67.0
GE 12000	68.5	68.6	68.6	68.6	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.2	69.4
GE 10000	75.9	76.0	76.2	76.2	76.4	76.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.9	77.1
GE 9000	78.0	78.2	78.4	78.4	78.6	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	79.1	79.3
GE 8000	84.9	85.1	85.4	85.4	85.6	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.1	86.3
GE 7000	89.1	89.2	89.7	89.7	89.9	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.6
GE 6000	90.0	90.1	90.6	90.6	90.9	91.0	91.1	91.1	91.1	91.1	91.3	91.3	91.3	91.3	91.5	91.7
GE 5000	91.7	91.8	92.3	92.3	92.6	92.8	92.9	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.2	93.4
GE 4500	92.3	92.4	92.9	92.9	93.2	93.3	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6	93.8	94.0
GE 4000	92.6	92.8	93.3	93.3	93.7	93.8	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.3	94.5
GE 3500	93.2	93.3	93.9	93.9	94.4	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.9	95.2
GE 3000	93.7	93.8	94.5	94.5	94.9	95.1	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.5	95.7
GE 2500	94.0	94.1	95.1	95.1	95.5	95.6	95.7	95.7	95.7	95.9	95.9	95.9	95.9	95.9	96.1	96.3
GE 2000	94.3	94.4	95.3	95.3	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.3	96.6
GE 1800	94.3	94.4	95.3	95.3	95.7	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.3	96.6
GE 1500	94.5	94.6	95.5	95.5	96.0	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.6	96.8
GE 1200	94.8	94.9	95.9	95.9	96.3	96.4	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.9	97.1
GE 1000	95.5	95.6	96.6	96.6	97.0	97.1	97.2	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.6	97.8
GE 900	95.6	95.7	96.7	96.7	97.1	97.2	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.7	97.9
GE 800	95.7	95.9	96.8	96.8	97.2	97.4	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.8	98.0
GE 700	96.2	96.3	97.2	97.2	97.7	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.3	98.5
GE 600	96.4	96.7	97.6	97.6	98.0	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.9
GE 500	96.6	96.8	97.8	97.8	98.3	98.4	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.7	99.0	99.2
GE 400	96.7	97.0	98.0	98.0	98.5	98.6	98.7	98.7	98.7	98.9	99.0	99.0	99.0	99.0	99.2	99.4
GE 300	96.7	97.0	98.2	98.2	98.9	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.7	99.9
GE 200	96.7	97.0	98.2	98.2	98.9	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.7	99.9
GE 100	96.7	97.0	98.2	98.2	98.9	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.7	99.9
GE 000	96.7	97.0	98.2	98.2	98.9	99.0	99.1	99.1	99.1	99.2	99.3	99.3	99.4	99.4	99.7	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 20000	62.2	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	63.3	63.3	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 14000	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 10000	71.3	71.3	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	72.3	72.3	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	72.4
GE 8000	76.0	76.0	76.0	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 7000	80.1	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 6000	81.6	81.7	81.7	81.7	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 5000	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4500	84.3	84.6	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	86.3	86.7	86.9	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 3500	89.0	89.3	89.6	89.6	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 3000	92.3	92.7	92.9	92.9	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	92.9	93.2	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	94.2	94.6	94.8	94.8	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1800	94.6	94.9	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	95.2	95.6	95.8	95.8	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	95.9	96.6	96.8	96.9	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1000	96.8	97.6	97.8	97.9	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	97.1	97.9	98.1	98.2	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	97.8	98.8	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	97.8	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.8	98.8	99.0	99.1	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	97.9	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.9	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.9	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.9	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.9	98.9	99.1	99.2	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.9	98.9	99.1	99.2	99.7	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 14000	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	70.2	70.2	70.2	70.2	70.3	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	74.2	74.2	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 8000	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.1	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 7000	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.9
GE 6000	82.9	82.9	83.0	83.0	83.1	83.1	83.1	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 5000	87.8	87.8	87.9	87.9	88.0	88.0	88.0	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4500	89.4	89.4	89.6	89.6	89.7	89.7	89.7	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 4000	93.4	93.4	93.6	93.6	93.8	93.8	93.8	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3500	94.4	94.6	94.7	94.7	94.9	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3000	96.2	96.3	96.4	96.4	96.7	96.7	96.7	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2500	96.9	97.0	97.1	97.1	97.3	97.3	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	97.1	97.2	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	97.1	97.2	97.3	97.3	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	97.9	98.0	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	98.0	98.1	98.2	98.2	98.4	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	98.1	98.4	98.6	98.6	98.8	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	98.2	98.7	98.8	98.8	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	98.3	98.8	98.9	98.9	99.2	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.4	98.9	99.0	99.0	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	98.7	99.1	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.7	99.1	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.7	99.1	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.7	99.1	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.7	99.1	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.7	99.1	99.2	99.4	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 12000	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 9000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 8000	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 7000	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 6000	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 5000	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4500	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3500	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 3000	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1200	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 20000	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 18000	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 16000	86.3	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 14000	87.0	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 12000	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 10000	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 9000	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 8000	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 7000	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 6000	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 5000	97.2	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4500	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 4000	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	74.6	74.6	74.6	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 20000	78.3	78.3	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	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	78.9	78.9	78.9
GE 16000	79.0	79.0	79.0	79.0	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 14000	79.8	79.8	79.8	79.8	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 12000	84.7	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10000	87.7	87.7	87.7	87.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 9000	89.7	89.7	89.7	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	93.1	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	94.2	94.2	94.2	94.2	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 6000	94.4	94.4	94.4	94.4	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 5000	95.8	95.8	95.8	95.8	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4500	95.9	95.9	95.9	95.9	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 4000	96.8	96.8	96.8	96.8	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	97.0	97.0	97.0	97.0	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 3000	97.1	97.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	97.1	97.1	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	97.2	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	97.2	97.2	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	97.3	97.3	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	97.8	97.8	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	98.3	98.3	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	98.5	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	98.8	98.8	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	99.0	99.0	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	99.1	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	99.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	99.2	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	99.2	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 100	99.2	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	99.2	99.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.4	65.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 20000	75.2	75.2	75.4	75.4	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
GE 18000	75.3	75.3	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	75.5	75.5	75.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 14000	76.7	76.7	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 12000	78.8	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 10000	82.0	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 8000	85.7	85.7	85.9	85.9	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 7000	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 6000	87.5	87.6	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 5000	91.4	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	93.3	93.4	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	95.1	95.2	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 3500	96.2	96.3	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	98.1	98.2	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	98.3	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	98.8	98.9	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	98.9	99.0	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	99.1	99.2	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1000	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.5	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 20000	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 18000	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 16000	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 14000	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 12000	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 10000	88.9	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 9000	90.5	90.5	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 8000	92.0	92.0	92.2	92.2	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 7000	93.0	93.0	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 6000	95.0	95.0	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 5000	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 4000	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	98.1	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.2	99.4	99.7	99.7	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 902

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	74.6	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 20000	80.8	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 18000	81.1	81.1	81.1	81.1	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 16000	81.2	81.2	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 14000	82.1	82.1	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 12000	85.1	85.1	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 10000	87.7	87.7	87.8	87.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 9000	88.9	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 8000	91.3	91.3	91.4	91.4	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 7000	92.6	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 6000	93.6	93.7	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 5000	95.2	95.3	95.4	95.4	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 4500	95.8	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 4000	96.9	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3500	97.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 3000	98.1	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	98.4	98.5	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.4	98.5	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	98.9	99.0	99.2	99.2	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	99.1	99.2	99.4	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	99.1	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	99.2	99.3	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.3	99.4	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	99.3	99.4	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.3	99.5	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.5	99.8	99.8	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7262

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.3	76.5	76.6	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.3
GE 20000	81.6	81.7	81.8	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.6
GE 18000	81.8	81.9	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.8
GE 16000	81.8	81.9	82.0	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.8
GE 14000	82.6	82.7	82.8	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.5
GE 12000	85.6	85.7	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.6
GE 10000	89.8	89.9	90.0	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.4	90.8
GE 9000	90.6	90.8	90.9	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.6
GE 8000	93.4	93.5	93.7	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.4
GE 7000	94.3	94.4	94.5	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	95.3
GE 6000	94.7	94.8	94.9	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.7
GE 5000	95.9	96.0	96.1	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 4500	96.2	96.3	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE 4000	97.0	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
GE 3500	97.0	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	98.0
GE 3000	97.4	97.5	97.6	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5
GE 2500	97.6	97.7	97.8	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.7
GE 2000	97.7	97.8	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8
GE 1800	97.7	97.8	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.8
GE 1500	97.8	98.0	98.1	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.9
GE 1200	98.0	98.1	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 1000	98.0	98.1	98.2	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0
GE 900	98.0	98.1	98.2	98.5	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.2
GE 800	98.3	98.4	98.5	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.6
GE 700	98.5	98.6	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8
GE 600	98.5	98.6	98.7	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.8
GE 500	98.5	98.6	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
GE 400	98.5	98.6	98.7	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.9
GE 300	98.5	98.6	98.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	98.5	98.6	98.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	98.5	98.6	98.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	98.5	98.6	98.7	99.0	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.2	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	71.3	71.3
GE 20000	80.6	80.8	80.8	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 18000	80.9	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 16000	81.2	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 14000	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 12000	84.9	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 10000	88.7	88.9	88.9	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 9000	89.7	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 8000	93.1	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 7000	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 6000	95.1	95.3	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 5000	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4500	95.5	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	95.6	95.8	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	95.7	95.9	96.1	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	96.2	96.5	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	96.3	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	96.8	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1800	96.8	97.0	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1500	97.2	97.4	97.6	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	97.8	98.1	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	98.1	98.3	98.5	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	98.3	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	98.3	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	98.3	98.5	98.7	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	98.5	98.7	98.9	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	98.5	98.7	98.9	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	98.6	98.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.6	98.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.6	98.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.6	98.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	98.6	98.8	99.0	99.4	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.8	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 20000	81.2	81.3	81.5	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 18000	81.9	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 16000	81.9	82.0	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 14000	83.7	83.8	84.0	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 12000	85.9	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 10000	89.0	89.2	89.5	89.5	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 9000	89.9	90.1	90.3	90.3	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 8000	91.4	91.8	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 7000	92.5	92.9	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 6000	94.2	94.6	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 5000	96.2	96.7	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 4500	96.8	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 4000	97.6	98.1	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3500	98.1	98.5	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	98.7	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2500	98.7	99.1	99.4	99.4	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	98.7	99.2	99.5	99.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1800	98.8	99.4	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 1500	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.9	99.5	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.0	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 20000	87.2	87.2	87.3	87.3	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 18000	87.3	87.3	87.4	87.4	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 16000	87.7	87.7	87.8	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 14000	88.8	88.8	88.9	88.9	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 12000	90.2	90.2	90.3	90.3	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 10000	92.8	92.8	92.9	92.9	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 9000	93.3	93.3	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 8000	95.6	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 7000	96.1	96.1	96.2	96.2	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 6000	96.9	96.9	97.0	97.0	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 5000	98.1	98.1	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 4500	98.5	98.6	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4000	98.7	98.8	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3500	98.7	98.8	98.9	98.9	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 3000	99.0	99.1	99.2	99.2	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 2500	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 2000	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1800	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	99.1	99.2	99.4	99.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	99.4	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	99.4	99.5	99.6	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.6	99.7	99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.4	73.6	73.7	74.1	74.1	74.2	74.2	74.3	74.3	74.3	74.6	74.6	74.6	74.6	74.8	74.9
GE 20000	75.9	76.2	76.3	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.2	77.2	77.2	77.2	77.4	77.6
GE 18000	76.1	76.4	76.6	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.7	77.8
GE 16000	76.1	76.4	76.6	77.0	77.0	77.1	77.1	77.2	77.2	77.2	77.4	77.4	77.4	77.4	77.7	77.8
GE 14000	76.3	76.7	76.8	77.2	77.2	77.3	77.3	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.9	78.0
GE 12000	77.6	77.9	78.0	78.4	78.4	78.6	78.6	78.7	78.7	78.7	78.9	78.9	78.9	78.9	79.1	79.2
GE 10000	81.6	81.9	82.0	82.4	82.4	82.6	82.6	82.7	82.7	82.7	82.9	82.9	82.9	82.9	83.1	83.2
GE 9000	82.9	83.2	83.3	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.2	84.2	84.2	84.2	84.4	84.6
GE 8000	85.8	86.1	86.2	86.7	86.7	86.8	86.8	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.3	87.4
GE 7000	87.8	88.1	88.2	88.7	88.7	88.8	88.9	89.1	89.1	89.1	89.3	89.3	89.3	89.3	89.6	89.7
GE 6000	89.3	89.7	89.8	90.2	90.2	90.3	90.4	90.7	90.7	90.7	90.9	90.9	90.9	90.9	91.1	91.2
GE 5000	91.2	91.7	91.8	92.2	92.2	92.3	92.4	92.7	92.7	92.7	92.9	92.9	92.9	92.9	93.1	93.2
GE 4500	92.6	93.0	93.1	93.6	93.6	93.7	93.8	94.0	94.0	94.0	94.2	94.2	94.2	94.2	94.4	94.6
GE 4000	93.1	93.6	93.7	94.1	94.1	94.2	94.3	94.6	94.6	94.6	94.8	94.8	94.8	94.8	95.0	95.1
GE 3500	93.2	93.7	93.8	94.2	94.3	94.4	94.6	94.8	94.8	94.8	95.0	95.0	95.0	95.0	95.2	95.3
GE 3000	93.9	94.3	94.4	94.9	95.0	95.1	95.2	95.4	95.4	95.4	95.7	95.7	95.7	95.7	95.9	96.0
GE 2500	94.2	94.7	94.8	95.2	95.3	95.4	95.6	95.8	95.8	95.8	96.0	96.0	96.0	96.0	96.2	96.3
GE 2000	94.3	94.8	94.9	95.3	95.4	95.6	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.3	6.4
GE 1800	94.3	94.8	94.9	95.3	95.4	95.6	95.7	95.9	95.9	5.9	96.1	96.1	96.1	96.1	96.3	96.4
GE 1500	94.9	95.3	95.4	95.9	96.0	96.1	96.2	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.9	97.0
GE 1200	95.1	95.6	95.7	96.1	96.2	96.3	96.4	96.7	96.7	96.7	96.9	96.9	96.9	96.9	97.1	97.2
GE 1000	95.8	96.2	96.3	96.8	96.9	97.0	97.1	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.8	97.9
GE 900	96.2	96.7	96.8	97.2	97.3	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.2	98.3
GE 800	96.8	97.2	97.3	97.8	97.9	98.0	98.1	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.8	98.9
GE 700	96.9	97.3	97.4	97.9	98.0	98.1	98.2	98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.9	99.0
GE 600	97.0	97.4	97.6	98.0	98.1	98.2	98.3	98.6	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.1
GE 500	97.0	97.4	97.7	98.1	98.2	98.3	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.1	99.2
GE 400	97.0	97.4	97.7	98.1	98.2	98.3	98.4	98.7	98.7	98.7	98.9	98.9	98.9	98.9	99.1	99.2
GE 300	97.1	97.7	98.0	98.4	98.6	98.7	98.8	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.4	99.6
GE 200	97.1	97.7	98.0	98.4	98.6	98.7	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.6	99.7
GE 100	97.1	97.7	98.0	98.4	98.6	98.7	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.6	100.0
GE 000	97.1	97.7	98.0	98.4	98.6	98.7	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.6	61.9	62.4	62.8	62.9	62.9	63.3	63.4	63.6	63.6	63.7	63.7	63.8	63.8	63.8	63.8
GE 20000	67.4	67.9	68.4	68.8	68.9	68.9	69.3	69.4	69.6	69.6	69.7	69.7	69.8	69.8	69.8	69.8
GE 18000	67.6	68.0	68.6	68.9	69.0	69.0	69.4	69.6	69.7	69.7	69.8	69.8	69.9	69.9	69.9	69.9
GE 16000	67.9	68.3	68.9	69.2	69.3	69.3	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.2
GE 14000	69.7	70.1	70.7	71.0	71.1	71.1	71.6	71.7	71.8	71.9	72.0	72.0	72.1	72.1	72.1	72.1
GE 12000	71.9	72.3	72.9	73.2	73.3	73.3	73.8	73.9	74.0	74.1	74.2	74.2	74.3	74.3	74.3	74.3
GE 10000	76.3	76.9	77.4	77.8	77.9	77.9	78.3	78.4	78.6	78.7	78.8	78.8	78.9	78.9	79.0	79.0
GE 9000	77.3	77.9	78.4	78.8	78.9	78.9	79.3	79.4	79.6	79.7	79.8	79.8	79.9	79.9	80.0	80.0
GE 8000	81.0	81.6	82.1	82.4	82.6	82.6	83.0	83.1	83.2	83.3	83.4	83.4	83.6	83.6	83.7	83.7
GE 7000	83.3	83.9	84.6	84.9	85.1	85.2	85.7	85.8	85.9	86.0	86.1	86.1	86.2	86.2	86.3	86.3
GE 6000	84.6	85.1	85.8	86.1	86.3	86.4	86.9	87.0	87.1	87.2	87.3	87.3	87.4	87.4	87.6	87.6
GE 5000	86.1	86.8	87.6	87.9	88.2	88.3	88.8	88.9	89.0	89.1	89.2	89.2	89.3	89.3	89.4	89.4
GE 4500	86.3	87.0	87.9	88.2	88.6	88.7	89.1	89.2	89.3	89.4	89.6	89.6	89.7	89.7	89.8	89.8
GE 4000	87.3	88.0	88.9	89.2	89.6	89.7	90.1	90.2	90.3	90.4	90.6	90.6	90.7	90.7	90.8	90.8
GE 3500	87.4	88.1	89.0	89.3	89.7	89.8	90.2	90.3	90.4	90.6	90.7	90.7	90.8	90.8	90.9	90.9
GE 3000	88.0	88.7	89.6	89.9	90.3	90.4	90.9	91.0	91.1	91.2	91.3	91.3	91.4	91.4	91.6	91.6
GE 2500	88.6	89.2	90.1	90.4	90.9	91.0	91.4	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.1	92.1
GE 2000	88.6	89.2	90.1	90.6	91.0	91.1	91.6	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.2
GE 1800	88.6	89.2	90.1	90.6	91.0	91.1	91.6	91.7	91.8	91.9	92.0	92.0	92.1	92.1	92.2	92.2
GE 1500	88.8	89.4	90.3	90.8	91.2	91.3	91.8	92.0	92.1	92.2	92.3	92.3	92.4	92.4	92.6	92.6
GE 1200	89.2	89.9	90.8	91.3	91.8	91.9	92.3	92.6	92.7	92.8	92.9	92.9	93.0	93.0	93.1	93.1
GE 1000	89.6	90.2	91.1	91.8	92.2	92.3	92.8	93.0	93.1	93.2	93.3	93.3	93.4	93.4	93.6	93.6
GE 900	90.3	91.1	92.0	92.7	93.1	93.2	93.7	93.9	94.0	94.1	94.2	94.2	94.3	94.3	94.4	94.4
GE 800	91.3	92.1	93.0	93.7	94.2	94.3	94.8	95.0	95.1	95.2	95.3	95.3	95.4	95.4	95.6	95.6
GE 700	92.0	92.9	93.8	94.6	95.1	95.2	95.7	95.9	96.0	96.1	96.2	96.2	96.3	96.3	96.4	96.4
GE 600	92.3	93.4	94.4	95.3	95.9	96.0	96.6	96.8	96.9	97.0	97.1	97.1	97.2	97.2	97.3	97.3
GE 500	92.6	93.8	94.8	95.8	96.3	96.4	97.0	97.2	97.3	97.6	97.7	97.7	97.8	97.8	97.9	98.0
GE 400	92.6	93.8	94.8	95.9	96.6	96.7	97.2	97.4	97.6	97.9	98.0	98.0	98.1	98.1	98.2	98.7
GE 300	92.6	93.8	94.8	96.0	96.7	96.8	97.4	97.7	97.8	98.1	98.2	98.2	98.3	98.3	98.4	98.9
GE 200	92.6	93.8	94.8	96.0	96.9	97.0	97.7	97.9	98.0	98.3	98.4	98.4	98.6	98.6	98.8	99.6
GE 100	92.6	93.8	94.8	96.0	96.9	97.0	97.7	97.9	98.0	98.3	98.6	98.6	98.7	98.7	99.0	100.0
GE 000	92.6	93.8	94.8	96.0	96.9	97.0	97.7	97.9	98.0	98.3	98.6	98.6	98.7	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.6	59.0	59.1	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 20000	66.3	67.0	67.2	67.9	68.2	68.4	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 18000	66.4	67.1	67.3	68.0	68.3	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 16000	66.6	67.2	67.4	68.1	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 14000	67.1	67.8	68.0	68.8	69.1	69.3	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 12000	69.7	70.3	70.6	71.3	71.7	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 10000	72.1	72.8	73.1	74.1	74.4	74.7	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	74.2	74.9	75.2	76.2	76.6	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 8000	76.0	76.7	77.0	78.0	78.3	78.8	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.2
GE 7000	76.8	77.4	77.7	78.8	79.1	79.6	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0
GE 6000	78.9	79.7	80.0	81.0	81.3	81.8	82.1	82.1	82.1	82.1	82.1	82.2	82.3	82.3	82.3	82.3
GE 5000	82.1	82.9	83.2	84.2	84.6	85.0	85.4	85.4	85.4	85.4	85.4	85.6	85.7	85.7	85.7	85.7
GE 4500	84.4	85.2	85.6	86.6	86.9	87.3	87.8	87.8	87.8	87.8	87.8	87.9	88.0	88.0	88.0	88.0
GE 4000	88.7	89.4	89.8	91.0	91.3	91.8	92.2	92.2	92.2	92.2	92.2	92.3	92.4	92.4	92.4	92.4
GE 3500	90.6	91.3	91.7	92.9	93.2	93.7	94.1	94.1	94.1	94.1	94.1	94.2	94.3	94.3	94.3	94.3
GE 3000	92.2	93.0	93.3	94.6	94.9	95.3	95.8	95.8	95.8	95.8	95.8	95.9	96.0	96.0	96.0	96.0
GE 2500	93.0	93.8	94.1	95.3	95.7	96.1	96.6	96.6	96.6	96.6	96.6	96.7	96.8	96.8	96.8	96.8
GE 2000	93.9	94.7	95.0	96.2	96.6	97.0	97.4	97.4	97.4	97.4	97.4	97.6	97.7	97.7	97.7	97.7
GE 1800	94.1	94.9	95.2	96.4	96.8	97.2	97.7	97.7	97.7	97.7	97.7	97.8	97.9	97.9	97.9	97.9
GE 1500	94.4	95.2	95.6	96.8	97.1	97.6	98.0	98.0	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2
GE 1200	94.7	95.4	95.8	97.0	97.3	97.8	98.2	98.2	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4
GE 1000	95.2	96.0	96.3	97.6	97.9	98.3	98.8	98.8	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.0
GE 900	95.4	96.2	96.7	98.0	98.3	98.8	99.2	99.2	99.2	99.2	99.2	99.3	99.4	99.4	99.4	99.4
GE 800	95.6	96.3	96.8	98.1	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6
GE 700	95.6	96.3	96.8	98.1	98.4	98.9	99.3	99.3	99.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6
GE 600	95.6	96.3	96.9	98.2	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7
GE 500	95.6	96.3	96.9	98.2	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7
GE 400	95.6	96.3	96.9	98.2	98.6	99.0	99.4	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7
GE 300	95.6	96.4	97.0	98.3	98.7	99.1	99.6	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8
GE 200	95.6	96.4	97.0	98.3	98.7	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0
GE 100	95.6	96.4	97.0	98.3	98.7	99.1	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.9	99.9	100.0
GE 000	95.6	96.4	97.0	98.3	98.7	99.1	99.6	99.6	99.6	99.6	99.7	99.7	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.1	70.5	70.8	71.1	71.3	71.3	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 20000	76.3	76.9	77.4	77.7	78.0	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	76.6	77.3	77.7	78.0	78.4	78.5	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 16000	76.9	77.6	78.0	78.4	78.7	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	77.6	78.3	78.7	79.0	79.4	79.6	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 12000	81.4	82.1	82.5	82.8	83.4	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 10000	84.5	85.2	85.6	86.0	86.5	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	85.3	86.0	86.4	86.7	87.3	87.5	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 8000	87.4	88.1	88.5	88.9	89.5	89.7	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 7000	89.0	89.6	90.1	90.5	91.2	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 6000	90.7	91.5	92.0	92.4	93.1	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 5000	92.0	92.8	93.2	93.6	94.3	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	92.6	93.5	94.2	94.6	95.3	95.5	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 4000	93.4	94.6	95.3	95.8	96.4	96.7	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 3500	93.6	94.9	95.5	96.0	96.7	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 3000	94.2	95.4	96.1	96.5	97.3	97.5	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2500	94.8	96.0	96.7	97.1	97.9	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2000	94.9	96.1	96.8	97.2	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1800	94.9	96.1	96.8	97.2	98.0	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1500	95.0	96.2	96.9	97.3	98.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	95.0	96.2	96.9	97.3	98.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	95.0	96.2	96.9	97.3	98.1	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	95.1	96.3	97.0	97.4	98.2	98.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	95.2	96.4	97.1	97.7	98.6	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	95.3	96.5	97.2	97.8	98.7	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	95.5	96.8	97.4	98.0	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	95.5	96.8	97.4	98.0	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 400	95.8	97.0	97.8	98.3	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.8	97.0	97.8	98.3	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.8	97.0	97.8	98.3	99.2	99.4	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	95.8	97.0	97.8	98.3	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.8	97.0	97.8	98.3	99.2	99.4	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.8	67.1	67.4	67.7	67.9	68.0	68.1	68.1	68.	68.2	68.2	68.3	68.3	68.3	68.4	68.4
GE 20000	72.2	72.7	73.0	73.3	73.6	73.7	73.8	73.9	73.9	73.9	74.0	74.0	74.1	74.1	74.1	74.1
GE 18000	72.4	73.0	73.2	73.6	73.8	73.9	74.1	74.1	74.2	74.2	74.2	74.3	74.3	74.3	74.4	74.4
GE 16000	72.6	73.1	73.4	73.7	74.0	74.1	74.2	74.3	74.3	74.3	74.4	74.4	74.5	74.5	74.5	74.5
GE 14000	73.5	74.0	74.3	74.6	74.8	75.0	75.1	75.2	75.2	75.2	75.3	75.3	75.4	75.4	75.4	75.5
GE 12000	75.9	76.4	76.7	77.0	77.3	77.4	77.6	77.6	77.7	77.7	77.8	77.8	77.8	77.9	77.9	77.9
GE 10000	79.2	79.7	80.0	80.4	80.7	80.9	81.0	81.1	81.1	81.2	81.2	81.3	81.3	81.3	81.4	81.4
GE 9000	80.5	81.1	81.4	81.7	82.1	82.2	82.4	82.5	82.5	82.6	82.6	82.6	82.7	82.7	82.8	82.8
GE 8000	83.5	84.1	84.3	84.7	85.1	85.3	85.5	85.5	85.5	85.6	85.7	85.7	85.7	85.8	85.8	85.8
GE 7000	85.2	85.8	86.1	86.5	86.9	87.1	87.3	87.4	87.4	87.4	87.5	87.6	87.6	87.6	87.7	87.7
GE 6000	86.9	87.6	87.9	88.3	88.7	88.9	89.1	89.2	89.2	89.2	89.3	89.3	89.4	89.4	89.5	89.5
GE 5000	89.1	89.8	90.2	90.6	91.0	91.2	91.4	91.5	91.5	91.5	91.6	91.6	91.7	91.7	91.8	91.8
GE 4500	90.1	90.9	91.3	91.7	92.1	92.3	92.5	92.6	92.6	92.7	92.8	92.8	92.9	92.9	92.9	93.0
GE 4000	91.3	92.1	92.5	93.0	93.4	93.6	93.8	93.9	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3
GE 3500	91.9	92.7	93.1	93.6	94.0	94.2	94.5	94.5	94.6	94.6	94.7	94.7	94.8	94.8	94.9	94.9
GE 3000	92.6	93.5	93.9	94.4	94.8	95.0	95.3	95.4	95.4	95.4	95.5	95.5	95.6	95.6	95.7	95.7
GE 2500	93.2	94.0	94.5	95.0	95.4	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.2	96.2	96.3	96.3
GE 2000	93.4	94.3	94.7	95.2	95.7	95.9	96.1	96.2	96.2	96.3	96.3	96.4	96.4	96.5	96.5	96.5
GE 1800	93.5	94.3	94.8	95.3	95.8	96.0	96.2	96.3	96.3	96.3	96.4	96.5	96.5	96.5	96.6	96.6
GE 1500	93.7	94.6	95.1	95.6	96.0	96.2	96.4	96.5	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.9
GE 1200	93.9	94.8	95.3	95.8	96.3	96.5	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.1	97.1	97.1
GE 1000	94.2	95.1	95.6	96.1	96.6	96.8	97.0	97.1	97.2	97.2	97.3	97.3	97.4	97.4	97.5	97.5
GE 900	94.6	95.5	96.0	96.6	97.0	97.2	97.4	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.9	97.9
GE 800	95.1	96.0	96.5	97.1	97.5	97.7	98.0	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.4	98.4
GE 700	95.2	96.2	96.7	97.3	97.8	98.0	98.3	98.4	98.4	98.4	98.5	98.5	98.6	98.6	98.7	98.7
GE 600	95.4	96.4	97.0	97.6	98.1	98.3	98.6	98.7	98.7	98.7	98.8	98.9	98.9	98.9	99.0	99.0
GE 500	95.5	96.5	97.1	97.7	98.2	98.4	98.7	98.8	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.2
GE 400	95.5	96.5	97.2	97.8	98.4	98.6	98.8	98.9	99.0	99.0	99.1	99.2	99.2	99.3	99.3	99.4
GE 300	95.6	96.6	97.3	98.0	98.6	98.8	99.1	99.2	99.2	99.3	99.4	99.4	99.5	99.5	99.6	99.7
GE 200	95.6	96.6	97.3	98.0	98.6	98.8	99.1	99.2	99.3	99.3	99.5	99.5	99.6	99.6	99.7	99.9
GE 100	95.6	96.6	97.3	98.0	98.6	98.8	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7	100.0
GE 000	95.6	96.6	97.3	98.0	98.6	98.8	99.1	99.2	99.3	99.4	99.5	99.5	99.6	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7192

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.4	64.2	64.7	65.1	65.2	65.3	65.8	65.9	66.0	66.1	66.2	66.2	66.8	67.0	67.3	67.7
GE 20000	66.1	66.9	67.5	68.0	68.1	68.2	68.7	68.8	68.9	69.0	69.2	69.2	69.8	70.0	70.3	70.8
GE 18000	66.7	67.4	68.1	68.5	68.6	68.7	69.2	69.4	69.5	69.6	69.8	69.8	70.3	70.5	70.9	71.3
GE 16000	66.7	67.4	68.1	68.5	68.6	68.7	69.2	69.4	69.5	69.6	69.8	69.8	70.3	70.5	70.9	71.3
GE 14000	67.5	68.3	68.9	69.4	69.5	69.6	70.1	70.2	70.3	70.4	70.6	70.6	71.2	71.4	71.7	72.2
GE 12000	70.4	71.2	71.8	72.3	72.4	72.5	73.0	73.1	73.2	73.3	73.5	73.5	74.1	74.3	74.6	75.1
GE 10000	75.7	76.5	77.1	77.5	77.6	77.7	78.3	78.4	78.5	78.6	78.8	78.8	79.4	79.6	79.9	80.3
GE 9000	76.7	77.4	78.1	78.5	78.6	78.7	79.2	79.4	79.5	79.6	79.8	79.8	80.3	80.5	80.9	81.3
GE 8000	80.2	81.0	81.7	82.2	82.3	82.4	82.9	83.0	83.1	83.2	83.4	83.4	84.0	84.2	84.5	84.9
GE 7000	82.2	82.9	83.7	84.1	84.2	84.3	84.8	84.9	85.1	85.2	85.4	85.4	85.9	86.1	86.5	86.9
GE 6000	83.9	84.6	85.4	85.8	85.9	86.0	86.6	86.7	86.8	86.9	87.1	87.1	87.6	87.8	88.2	88.6
GE 5000	85.4	86.1	87.0	87.4	87.5	87.6	88.2	88.3	88.4	88.5	88.7	88.7	89.2	89.5	89.8	90.2
GE 4500	85.9	86.7	87.5	88.0	88.1	88.2	88.7	88.8	88.9	89.0	89.2	89.2	89.8	90.0	90.3	90.8
GE 4000	86.5	87.2	88.1	88.5	88.6	88.7	89.2	89.4	89.5	89.6	89.8	89.8	90.3	90.5	90.9	91.3
GE 3500	86.8	87.5	88.6	89.0	89.1	89.2	89.8	89.9	90.0	90.1	90.3	90.3	90.9	91.1	91.4	91.8
GE 3000	87.3	88.2	89.2	89.8	89.9	90.0	90.5	90.6	90.8	90.9	91.1	91.1	91.6	91.8	92.2	92.6
GE 2500	87.3	88.2	89.2	89.8	89.9	90.0	90.5	90.6	90.8	90.9	91.1	91.1	91.6	91.8	92.2	92.6
GE 2000	87.8	88.7	89.8	90.3	90.4	90.5	91.1	91.2	91.3	91.4	91.6	91.6	92.2	92.4	92.7	93.1
GE 1800	88.0	88.8	89.9	90.4	90.5	90.6	91.2	91.3	91.4	91.5	91.7	91.7	92.3	92.5	92.8	93.2
GE 1500	88.5	89.4	90.4	91.0	91.1	91.2	91.7	91.8	91.9	92.2	92.4	92.4	92.9	93.1	93.4	93.9
GE 1200	88.6	89.5	90.5	91.1	91.3	91.4	91.9	92.0	92.2	92.4	92.6	92.6	93.1	93.3	93.7	94.1
GE 1000	89.1	90.0	91.1	91.6	91.8	91.9	92.5	92.6	92.7	92.9	93.1	93.1	93.7	93.9	94.2	94.6
GE 900	89.2	90.1	91.2	91.7	91.9	92.0	92.6	92.7	92.8	93.0	93.2	93.2	93.8	94.0	94.3	94.7
GE 800	89.5	90.3	91.4	91.9	92.2	92.3	92.8	92.9	93.0	93.2	93.4	93.4	94.0	94.2	94.5	94.9
GE 700	89.9	90.8	91.8	92.4	92.6	92.7	93.2	93.3	93.4	93.7	93.9	93.9	94.4	94.6	94.9	95.4
GE 600	90.8	91.6	92.7	93.2	93.7	93.8	94.3	94.4	94.5	94.7	94.9	94.9	95.5	95.7	96.0	96.5
GE 500	91.2	92.2	93.2	93.8	94.3	94.4	94.9	95.1	95.2	95.4	95.7	95.7	96.3	96.7	97.0	97.4
GE 400	91.2	92.2	93.2	93.8	94.3	94.4	94.9	95.2	95.3	95.4	95.6	95.8	96.5	96.9	97.2	98.1
GE 300	91.2	92.2	93.2	93.8	94.3	94.5	95.1	95.3	95.4	95.6	95.6	95.9	96.6	97.0	97.3	98.5
GE 200	91.2	92.2	93.2	93.8	94.3	94.6	95.2	95.4	95.6	95.8	96.1	96.2	96.9	97.3	97.8	99.5
GE 100	91.2	92.2	93.2	93.8	94.3	94.6	95.2	95.4	95.7	95.9	96.2	96.3	97.0	97.5	98.1	99.8
GE 000	91.2	92.2	93.2	93.8	94.3	94.6	95.2	95.4	95.7	95.9	96.2	96.3	97.0	97.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.1	54.5	54.9	55.3	55.7	55.9	55.9	55.9	55.9	55.9	55.9	56.1	56.3	56.7	56.8	57.0
GE 20000	60.4	62.0	62.6	62.9	63.3	63.5	63.5	63.5	63.5	63.7	63.9	64.1	64.3	64.6	64.8	65.1
GE 18000	61.5	63.1	63.7	64.0	64.4	64.6	64.6	64.6	64.6	64.7	64.9	65.2	65.4	65.7	65.9	66.1
GE 16000	61.8	63.4	64.0	64.3	64.7	64.9	64.9	64.9	64.9	65.1	65.3	65.5	65.7	66.0	66.2	66.5
GE 14000	63.1	64.7	65.3	65.6	66.1	66.3	66.3	66.3	66.3	66.5	66.7	66.9	67.1	67.4	67.6	67.8
GE 12000	66.8	68.6	69.1	69.6	70.1	70.3	70.3	70.3	70.3	70.4	70.6	70.9	71.1	71.4	71.6	71.8
GE 10000	72.3	74.1	74.6	75.1	75.6	75.8	75.8	75.8	75.8	75.9	76.1	76.3	76.6	76.9	77.1	77.3
GE 9000	73.7	75.5	76.0	76.5	77.0	77.2	77.2	77.2	77.2	77.3	77.5	77.7	78.0	78.3	78.5	78.7
GE 8000	76.5	78.3	78.9	79.4	79.9	80.1	80.1	80.1	80.1	80.2	80.4	80.6	80.9	81.2	81.4	81.6
GE 7000	78.4	80.3	81.0	81.4	81.9	82.2	82.2	82.2	82.2	82.3	82.6	82.8	83.0	83.3	83.5	83.8
GE 6000	78.9	80.9	81.5	81.9	82.5	82.7	82.7	82.7	82.7	82.8	83.1	83.3	83.5	83.9	84.1	84.3
GE 5000	79.5	81.4	82.0	82.5	83.0	83.2	83.2	83.2	83.2	83.3	83.7	83.9	84.1	84.4	84.6	84.8
GE 4500	80.1	82.0	82.7	83.1	83.7	83.9	83.9	83.9	83.9	84.0	84.3	84.5	84.7	85.1	85.3	85.5
GE 4000	80.8	82.7	83.5	84.0	84.5	84.7	84.7	84.7	84.7	84.8	85.2	85.4	85.6	85.9	86.1	86.3
GE 3500	81.1	83.1	84.1	84.6	85.2	85.4	85.4	85.4	85.4	85.5	85.8	86.0	86.2	86.6	86.8	87.0
GE 3000	82.3	84.4	85.5	86.0	86.6	86.9	86.9	86.9	86.9	87.0	87.3	87.5	87.7	88.1	88.3	88.5
GE 2500	83.0	85.2	86.2	86.8	87.4	87.7	87.8	88.0	88.0	88.1	88.4	88.6	88.8	89.1	89.4	89.6
GE 2000	83.5	85.8	86.9	87.4	88.1	88.4	88.5	88.6	88.6	88.7	89.0	89.2	89.5	89.8	90.0	90.2
GE 1800	83.7	86.0	87.1	87.6	88.3	88.6	88.7	88.8	88.8	88.9	89.2	89.5	89.7	90.0	90.2	90.4
GE 1500	84.4	86.8	87.8	88.4	89.0	89.4	89.5	89.6	89.6	89.7	90.0	90.2	90.4	90.8	91.0	91.2
GE 1200	85.1	87.4	88.6	89.1	89.8	90.1	90.2	90.3	90.3	90.4	90.8	91.0	91.2	91.5	91.7	91.9
GE 1000	86.0	88.4	89.6	90.1	90.8	91.1	91.2	91.3	91.3	91.4	91.7	91.9	92.2	92.5	92.7	92.9
GE 900	86.3	88.8	90.0	90.5	91.2	91.5	91.6	91.7	91.7	91.8	92.2	92.4	92.6	92.9	93.1	93.3
GE 800	86.9	89.4	90.8	91.5	92.4	92.7	92.8	92.9	92.9	93.0	93.3	93.5	93.8	94.1	94.3	94.5
GE 700	87.3	89.8	91.2	91.9	92.8	93.1	93.2	93.3	93.3	93.4	93.9	94.1	94.3	94.6	94.8	95.1
GE 600	87.3	89.9	91.3	92.0	92.9	93.2	93.3	93.4	93.4	93.5	94.0	94.2	94.4	94.7	94.9	95.2
GE 500	87.6	90.2	91.7	92.7	93.8	94.1	94.2	94.4	94.4	94.6	95.1	95.3	95.5	95.8	96.0	96.2
GE 400	87.8	90.5	92.0	93.0	94.3	94.6	94.7	95.2	95.2	95.5	95.9	96.1	96.3	96.7	97.0	97.2
GE 300	88.0	90.6	92.2	93.1	94.8	95.3	95.5	95.9	95.9	96.3	96.9	97.1	97.3	97.7	98.3	98.7
GE 200	88.0	90.6	92.2	93.1	94.9	95.4	95.7	96.1	96.1	96.8	97.4	97.6	97.8	98.3	99.0	100.0
GE 100	88.0	90.6	92.2	93.1	94.9	95.4	95.7	96.1	96.1	96.8	97.4	97.6	97.8	98.3	99.0	100.0
GE 000	88.0	90.6	92.2	93.1	94.9	95.4	95.7	96.1	96.1	96.8	97.4	97.6	97.8	98.3	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.7	58.0	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 20000	66.7	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 18000	67.2	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	67.4	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	69.5	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 12000	72.8	73.2	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 10000	80.3	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	81.6	82.0	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 8000	84.2	84.6	84.8	84.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 7000	85.7	86.5	86.8	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 6000	87.2	88.0	88.3	88.3	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 5000	89.6	90.4	90.9	90.9	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 4500	89.9	90.8	91.2	91.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4000	91.3	92.2	92.6	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 3500	92.5	93.3	93.9	94.0	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 3000	94.1	94.9	95.5	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2500	94.6	95.5	96.0	96.1	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	95.3	96.2	96.9	97.1	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 1800	95.3	96.2	96.9	97.1	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	95.6	96.7	97.4	97.6	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	96.1	97.2	98.0	98.2	98.7	98.7	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	96.2	97.3	98.2	98.4	99.0	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	96.2	97.3	98.2	98.4	99.0	99.0	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	96.2	97.3	98.2	98.4	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	96.2	97.3	98.2	98.4	99.1	99.1	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.2	97.4	98.3	98.5	99.4	99.4	99.5	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.2	97.4	98.3	98.5	99.5	99.5	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.2	97.4	98.3	98.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.2	97.4	98.3	98.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.2	97.4	98.3	98.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.2	97.4	98.3	98.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.2	97.4	98.3	98.7	99.7	99.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.4	65.5	65.6	65.6	65.8	65.8	65.9	66.1	66.2	66.6	66.6	66.6	67.0	67.1	67.3	67.6
GE 20000	68.7	68.8	68.9	68.9	69.1	69.1	69.2	69.5	69.6	69.9	69.9	69.9	70.3	70.4	70.6	71.0
GE 18000	69.5	69.6	69.7	69.7	69.9	69.9	70.0	70.2	70.3	70.6	70.6	70.6	71.1	71.2	71.4	71.7
GE 16000	69.6	69.7	69.8	69.8	70.0	70.0	70.1	70.3	70.4	70.8	70.8	70.8	71.2	71.3	71.5	71.8
GE 14000	71.3	71.4	71.5	71.5	71.7	71.7	71.8	72.0	72.2	72.5	72.5	72.5	72.9	73.0	73.2	73.5
GE 12000	74.3	74.4	74.5	74.5	74.7	74.7	74.8	75.1	75.2	75.5	75.5	75.5	75.9	76.0	76.2	76.6
GE 10000	80.3	80.4	80.5	80.5	80.8	80.8	80.9	81.1	81.2	81.5	81.5	81.5	81.9	82.0	82.3	82.6
GE 9000	81.7	81.8	81.9	81.9	82.2	82.2	82.3	82.5	82.6	82.9	82.9	82.9	83.3	83.4	83.7	84.0
GE 8000	85.8	85.9	86.0	86.0	86.2	86.2	86.3	86.6	86.7	87.0	87.0	87.0	87.4	87.5	87.7	88.1
GE 7000	88.6	88.7	88.8	89.0	89.2	89.2	89.4	89.6	89.7	90.0	90.0	90.0	90.4	90.5	90.8	91.1
GE 6000	90.3	90.4	90.5	90.8	91.0	91.0	91.1	91.3	91.4	91.7	91.7	91.7	92.2	92.3	92.5	92.8
GE 5000	92.6	92.7	92.8	93.0	93.2	93.2	93.3	93.5	93.7	94.0	94.0	94.0	94.4	94.5	94.7	95.1
GE 4500	93.2	93.4	93.5	93.8	94.0	94.0	94.1	94.3	94.4	94.7	94.7	94.7	95.2	95.3	95.5	95.8
GE 4000	93.4	93.7	93.8	94.0	94.2	94.2	94.3	94.5	94.6	94.9	94.9	94.9	95.4	95.5	95.7	96.0
GE 3500	93.7	94.0	94.1	94.4	94.6	94.6	94.7	94.9	95.1	95.4	95.4	95.4	95.8	95.9	96.1	96.6
GE 3000	94.3	94.7	94.8	95.2	95.4	95.4	95.5	95.7	95.8	96.1	96.1	96.1	96.6	96.7	96.9	97.3
GE 2500	94.3	94.7	94.8	95.2	95.4	95.4	95.5	95.7	95.8	96.1	96.1	96.1	96.6	96.7	96.9	97.3
GE 2000	94.5	94.9	95.1	95.4	95.6	95.6	95.7	95.9	96.0	96.3	96.3	96.3	96.8	96.9	97.1	97.5
GE 1800	94.5	94.9	95.1	95.4	95.6	95.6	95.7	95.9	96.0	96.3	96.3	96.3	96.8	96.9	97.1	97.5
GE 1500	94.7	95.2	95.3	95.6	95.8	95.8	95.9	96.1	96.2	96.6	96.6	96.6	97.0	97.1	97.3	97.7
GE 1200	94.8	95.3	95.4	95.7	95.9	95.9	96.0	96.2	96.3	96.7	96.7	96.7	97.1	97.2	97.4	97.8
GE 1000	94.9	95.4	95.5	95.8	96.0	96.0	96.1	96.3	96.5	96.8	96.8	96.8	97.2	97.3	97.5	98.0
GE 900	94.9	95.4	95.5	95.8	96.0	96.0	96.1	96.3	96.5	96.8	96.8	96.8	97.2	97.3	97.5	98.0
GE 800	94.9	95.4	95.5	95.8	96.0	96.0	96.1	96.3	96.5	96.8	96.8	96.8	97.2	97.3	97.5	98.0
GE 700	95.1	95.5	95.7	96.0	96.2	96.2	96.3	96.6	96.7	97.0	97.0	97.0	97.4	97.5	97.7	98.2
GE 600	95.1	95.5	95.7	96.0	96.2	96.2	96.3	96.6	96.7	97.0	97.0	97.0	97.4	97.5	97.7	98.2
GE 500	95.4	96.0	96.2	96.8	97.0	97.0	97.1	97.3	97.4	97.7	97.7	97.7	98.2	98.3	98.5	98.9
GE 400	95.6	96.2	96.5	97.0	97.2	97.2	97.3	97.5	97.6	98.0	98.0	98.0	98.4	98.5	98.7	99.1
GE 300	95.7	96.3	96.6	97.1	97.3	97.3	97.4	97.6	97.7	98.1	98.1	98.1	98.5	98.6	98.8	99.2
GE 200	95.7	96.3	96.6	97.2	97.5	97.5	97.6	98.0	98.1	98.4	98.4	98.4	98.8	98.9	99.1	99.6
GE 100	95.7	96.3	96.6	97.2	97.5	97.5	97.6	98.0	98.1	98.4	98.4	98.4	98.8	98.9	99.4	100.0
GE 000	95.7	96.3	96.6	97.2	97.5	97.5	97.6	98.0	98.1	98.4	98.4	98.4	98.8	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.9	32.3	32.9	34.1	34.3	34.4	34.6	34.9	34.9	35.7	36.4	36.7	37.0	37.6	38.9	40.0
GE 20000	34.1	34.7	35.2	36.4	36.7	36.8	36.9	37.2	37.2	38.0	38.8	39.0	39.3	39.9	41.2	42.3
GE 18000	35.0	35.6	36.1	37.3	37.6	37.7	37.8	38.1	38.1	38.9	39.7	39.9	40.2	40.8	42.1	43.2
GE 16000	35.1	35.7	36.2	37.4	37.7	37.8	37.9	38.2	38.2	39.0	39.8	40.0	40.3	40.9	42.2	43.3
GE 14000	35.7	36.2	36.8	38.0	38.2	38.3	38.4	38.8	38.8	39.6	40.3	40.6	40.9	41.4	42.8	43.9
GE 12000	38.4	39.0	39.6	40.9	41.1	41.2	41.3	41.7	41.7	42.4	43.2	43.4	43.8	44.3	45.7	46.8
GE 10000	42.6	43.1	43.7	45.1	45.3	45.4	45.7	46.0	46.0	46.8	47.7	47.9	48.2	48.8	50.1	51.2
GE 9000	43.1	43.8	44.3	45.8	46.1	46.2	46.4	46.8	46.8	47.6	48.6	48.8	49.1	49.7	51.0	52.1
GE 8000	47.3	48.0	48.9	50.3	50.7	50.8	51.0	51.3	51.3	52.1	53.1	53.3	53.7	54.2	55.7	56.8
GE 7000	50.4	51.2	52.1	53.6	53.9	54.0	54.2	54.6	54.6	55.3	56.3	56.6	56.9	57.4	58.9	60.1
GE 6000	51.4	52.2	53.1	54.6	55.0	55.1	55.3	55.7	55.7	56.4	57.4	57.7	58.0	58.6	60.0	61.2
GE 5000	54.4	55.4	56.3	57.8	58.2	58.3	58.6	58.9	58.9	59.7	60.8	61.0	61.3	61.9	63.3	64.6
GE 4500	56.2	57.3	58.2	59.7	60.2	60.3	60.7	61.0	61.0	61.8	62.9	63.1	63.4	64.0	65.4	66.7
GE 4000	57.6	58.8	59.8	61.2	62.0	62.1	62.6	62.9	62.9	63.7	64.8	65.0	65.3	65.9	67.3	68.6
GE 3500	58.8	60.1	61.3	62.9	63.8	63.9	64.3	64.7	64.7	65.4	66.6	66.8	67.1	67.7	69.1	70.3
GE 3000	60.4	61.8	63.1	64.7	65.6	65.7	66.1	66.4	66.4	67.4	68.6	68.8	69.2	69.8	71.3	72.6
GE 2500	61.9	63.3	64.8	66.4	67.8	67.9	68.3	68.7	68.7	69.7	70.8	71.0	71.4	72.0	73.6	74.8
GE 2000	63.3	64.8	66.2	67.9	69.2	69.3	69.8	70.1	70.1	71.1	72.2	72.4	73.0	73.6	75.1	76.3
GE 1800	63.9	65.3	66.8	68.4	69.8	69.9	70.3	70.7	70.7	71.7	72.9	73.1	73.7	74.2	75.8	77.0
GE 1500	65.1	66.6	68.0	69.7	71.0	71.1	71.6	71.9	71.9	72.9	74.1	74.4	75.0	75.6	77.1	78.3
GE 1200	65.8	67.2	68.8	70.4	71.8	71.9	72.4	72.8	72.8	73.8	75.0	75.3	75.9	76.4	78.0	79.2
GE 1000	66.6	68.1	69.9	71.6	72.9	73.0	73.6	73.9	73.9	75.1	76.4	76.8	77.3	77.9	79.4	80.7
GE 900	67.3	68.9	71.0	72.9	74.3	74.4	75.0	75.3	75.3	76.6	77.9	78.2	78.8	79.3	80.9	82.1
GE 800	68.4	70.0	72.1	74.0	75.7	75.8	76.3	76.7	76.7	77.9	79.2	79.6	80.1	80.7	82.2	83.4
GE 700	69.0	70.8	73.0	74.9	76.8	76.9	77.4	77.8	77.8	79.2	80.6	80.9	81.6	82.1	83.8	85.0
GE 600	70.0	72.0	74.4	76.3	78.2	78.3	78.9	79.2	79.2	80.8	82.1	82.4	83.1	83.7	85.3	86.6
GE 500	71.0	73.0	75.6	77.4	79.6	79.7	80.4	80.8	80.9	82.4	83.9	84.2	85.0	85.7	87.3	88.6
GE 400	72.0	74.0	76.9	79.0	81.6	81.7	82.4	83.1	83.3	85.0	86.6	86.9	87.7	88.6	90.3	91.9
GE 300	72.8	74.8	77.8	79.9	82.4	82.6	83.7	84.7	85.1	87.4	89.1	89.6	90.3	91.3	93.2	95.2
GE 200	72.9	74.9	77.9	80.0	82.7	82.8	84.0	85.1	85.6	88.7	90.4	90.9	91.9	93.0	95.7	98.1
GE 100	72.9	75.0	78.0	80.1	82.8	82.9	84.1	85.2	85.7	89.0	90.9	91.4	92.4	93.6	96.8	100.0
GE 000	72.9	75.0	78.0	80.1	82.8	82.9	84.1	85.2	85.7	89.0	90.9	91.4	92.4	93.6	96.8	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.9	20.0	20.3	20.8	22.1	22.2	23.0	23.1	23.1	23.9	23.9	23.9	25.2	25.3	26.7	27.7
GE 20000	22.2	22.6	23.0	23.4	24.9	25.0	25.8	26.0	26.0	26.8	27.0	27.0	28.3	28.4	30.1	31.4
GE 18000	22.7	23.0	23.4	23.9	25.3	25.4	26.2	26.4	26.4	27.2	27.4	27.4	28.8	28.9	30.6	31.9
GE 16000	23.2	23.6	24.0	24.6	26.0	26.1	26.9	27.1	27.1	27.9	28.1	28.1	29.4	29.6	31.2	32.6
GE 14000	23.8	24.2	24.7	25.2	26.7	26.8	27.6	27.8	27.8	28.6	28.8	28.8	30.1	30.2	31.9	33.2
GE 12000	25.3	25.8	26.2	26.8	28.2	28.3	29.1	29.3	29.3	30.1	30.3	30.3	31.7	31.8	33.4	34.8
GE 10000	28.4	28.9	29.4	30.0	31.4	31.7	32.4	32.8	32.8	33.7	33.9	33.9	35.2	35.3	37.0	38.3
GE 9000	30.0	30.4	31.0	31.6	33.0	33.2	34.0	34.3	34.3	35.2	35.4	35.4	36.8	36.9	38.6	39.9
GE 8000	33.1	33.6	34.1	34.7	36.2	36.4	37.3	37.7	37.7	38.6	38.8	38.8	40.1	40.2	41.9	43.2
GE 7000	35.7	36.1	36.7	37.3	38.9	39.1	40.0	40.4	40.6	41.4	41.7	41.7	43.0	43.1	44.8	46.1
GE 6000	36.9	37.3	37.9	38.6	40.2	40.4	41.3	41.8	41.9	42.8	43.0	43.0	44.3	44.4	46.1	47.4
GE 5000	40.0	40.4	41.0	41.7	43.3	43.7	44.7	45.2	45.3	46.2	46.4	46.4	47.8	47.9	49.6	50.9
GE 4500	41.6	42.0	42.7	43.3	45.2	45.6	46.7	47.2	47.3	48.2	48.4	48.4	49.8	49.9	51.6	52.9
GE 4000	43.1	43.8	44.6	45.3	47.2	47.6	48.7	49.2	49.3	50.3	50.6	50.6	51.9	52.0	53.7	55.0
GE 3500	44.8	45.6	46.3	47.2	49.2	49.6	50.8	51.3	51.4	52.4	52.7	52.7	54.0	54.1	55.8	57.1
GE 3000	45.7	46.6	47.3	48.3	50.4	50.8	52.2	52.8	53.0	54.0	54.2	54.2	55.6	55.7	57.3	58.7
GE 2500	46.4	47.4	48.3	49.3	51.7	52.0	53.4	54.0	54.2	55.2	55.4	55.4	56.8	57.0	58.7	60.0
GE 2000	47.4	48.4	49.4	50.4	52.8	53.1	54.6	55.1	55.3	56.3	56.7	56.7	58.0	58.2	59.9	61.2
GE 1800	47.6	48.7	49.7	50.8	53.1	53.4	54.9	55.4	55.7	56.7	57.0	57.0	58.3	58.6	60.2	61.6
GE 1500	48.3	49.4	50.8	52.0	54.6	55.0	56.4	57.1	57.3	58.3	58.7	58.7	60.1	60.3	62.0	63.3
GE 1200	49.3	50.7	52.1	53.9	56.8	57.2	58.8	59.7	59.9	61.0	61.4	61.4	62.9	63.1	64.8	66.1
GE 1000	49.8	51.2	52.8	54.6	57.4	57.9	59.4	60.4	60.7	61.8	62.3	62.3	63.8	64.0	65.7	67.0
GE 900	50.7	52.1	53.7	55.4	58.3	58.9	60.4	61.4	61.7	62.8	63.3	63.3	64.8	65.0	66.7	68.0
GE 800	52.1	53.6	55.4	57.3	60.3	60.9	62.4	63.4	63.7	64.8	65.3	65.4	66.9	67.1	68.8	70.1
GE 700	52.9	54.6	56.7	58.6	61.9	62.4	64.1	65.1	65.4	66.6	67.3	67.4	68.9	69.1	70.9	72.3
GE 600	54.6	56.7	58.9	61.0	64.6	65.1	66.8	67.8	68.1	69.3	70.2	70.3	71.8	72.0	73.8	75.3
GE 500	55.9	58.3	60.8	63.0	66.7	67.3	69.2	70.3	70.7	72.4	73.4	73.6	75.1	75.4	77.3	79.0
GE 400	57.0	59.8	62.4	65.2	69.1	69.9	72.0	73.2	73.6	75.9	77.0	77.1	78.8	79.2	81.4	83.3
GE 300	57.4	60.6	63.9	67.2	71.9	72.7	75.4	77.3	77.8	80.8	82.7	83.0	85.3	86.3	89.6	92.0
GE 200	57.6	60.7	64.2	67.6	72.3	73.1	76.1	78.3	78.8	82.2	84.3	84.9	87.8	89.0	92.7	97.3
GE 100	57.6	60.7	64.2	67.6	72.3	73.1	76.3	78.7	79.1	82.7	84.9	85.4	88.4	89.8	93.8	100.0
GE 000	57.6	60.7	64.2	67.6	72.3	73.1	76.3	78.7	79.1	82.7	84.9	85.4	88.4	89.8	93.8	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.3	25.2	25.6	25.9	26.3	26.3	26.4	26.4	26.4	26.4	26.6	26.6	26.6	26.7	26.8	27.0
GE 20000	29.9	30.9	31.2	31.7	32.1	32.1	32.2	32.2	32.2	32.2	32.3	32.3	32.3	32.4	32.6	32.8
GE 18000	30.6	31.7	32.0	32.4	32.9	32.9	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.2	33.3	33.6
GE 16000	30.7	31.8	32.1	32.6	33.0	33.0	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.3	33.4	33.7
GE 14000	31.8	32.9	33.2	33.7	34.1	34.1	34.2	34.2	34.3	34.4	34.6	34.6	34.6	34.7	34.8	35.0
GE 12000	33.7	35.1	35.4	36.0	36.4	36.4	36.6	36.6	36.7	36.8	36.9	36.9	36.9	37.0	37.1	37.3
GE 10000	38.0	39.6	39.9	40.7	41.1	41.2	41.3	41.3	41.4	41.7	41.8	41.8	41.8	41.9	42.0	42.2
GE 9000	39.9	41.6	41.9	42.7	43.1	43.2	43.3	43.3	43.4	43.7	43.8	43.8	43.8	43.9	44.0	44.2
GE 8000	43.8	45.6	46.0	47.2	48.0	48.1	48.2	48.4	48.6	48.8	48.9	48.9	48.9	49.0	49.1	49.3
GE 7000	45.7	47.4	47.9	49.2	50.0	50.1	50.2	50.4	50.6	50.8	50.9	50.9	50.9	51.0	51.1	51.3
GE 6000	46.8	48.6	49.0	50.3	51.1	51.2	51.3	51.6	51.7	51.9	52.0	52.0	52.0	52.1	52.2	52.4
GE 5000	49.0	51.0	51.4	52.8	53.7	53.8	53.9	54.2	54.3	54.6	54.7	54.7	54.8	54.9	55.0	55.2
GE 4500	50.7	53.0	53.6	54.9	55.8	55.9	56.0	56.3	56.4	56.7	56.8	56.8	56.9	57.0	57.1	57.3
GE 4000	52.3	54.8	55.3	56.8	57.8	57.9	58.0	58.3	58.4	58.7	58.8	58.8	58.9	59.0	59.1	59.3
GE 3500	54.6	57.0	57.7	59.1	60.2	60.3	60.4	60.8	61.0	61.2	61.3	61.3	61.4	61.6	61.7	61.9
GE 3000	57.3	60.0	60.8	62.3	63.6	63.7	63.8	64.2	64.4	64.7	64.8	64.8	64.9	65.0	65.1	65.3
GE 250J	59.4	62.4	63.2	64.9	66.3	66.4	66.6	67.0	67.2	67.4	67.6	67.6	67.7	67.8	67.9	68.1
GE 2000	61.1	64.3	65.1	66.9	68.4	68.6	68.9	69.3	69.6	69.8	69.9	69.9	70.1	70.2	70.3	70.6
GE 1800	62.2	65.4	66.2	68.0	69.6	69.7	70.0	70.4	70.7	70.9	71.0	71.0	71.2	71.3	71.4	71.7
GE 1500	64.6	68.0	68.8	70.6	72.2	72.3	72.8	73.2	73.4	73.8	73.9	73.9	74.1	74.2	74.3	74.6
GE 1200	68.0	71.9	73.1	74.9	77.0	77.2	77.8	78.2	78.4	78.8	78.9	78.9	79.1	79.2	79.3	79.6
GE 1000	70.2	74.7	76.2	78.1	80.6	80.8	81.4	82.0	82.3	82.8	82.9	82.9	83.1	83.2	83.3	83.6
GE 900	71.2	75.8	77.6	79.6	82.0	82.4	83.1	83.7	84.0	84.4	84.6	84.6	84.8	84.9	85.0	85.2
GE 800	72.1	76.8	78.8	80.9	83.3	83.9	84.6	85.1	85.6	86.1	86.2	86.2	86.4	86.6	86.7	86.9
GE 700	73.6	78.2	80.3	82.6	85.1	85.7	86.3	86.9	87.3	87.9	88.0	88.0	88.2	88.3	88.4	88.7
GE 600	74.4	79.1	81.3	83.7	86.4	87.1	88.1	88.8	89.2	90.1	90.2	90.2	90.4	90.6	90.8	91.0
GE 500	75.0	80.0	82.2	84.7	87.8	88.7	89.8	90.6	91.0	92.1	92.3	92.7	92.9	93.1	93.4	93.7
GE 400	75.1	80.1	82.6	85.0	88.7	89.6	91.2	92.1	92.6	93.7	93.9	94.2	94.6	94.8	95.1	95.3
GE 300	75.3	80.3	83.0	85.6	90.0	91.1	92.9	93.8	94.3	95.9	96.2	96.8	97.4	97.8	98.2	98.4
GE 200	75.3	80.3	83.0	85.6	90.0	91.2	93.0	93.9	94.4	96.3	96.9	97.4	98.7	99.0	99.4	99.7
GE 100	75.3	80.3	83.0	85.6	90.0	91.2	93.0	93.9	94.4	96.3	96.9	97.4	98.7	99.0	99.4	100.0
GE 000	75.3	80.3	83.0	85.6	90.0	91.2	93.0	93.9	94.4	96.3	96.9	97.4	98.7	99.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.2	38.4	38.8	38.9	38.9	38.9	38.9	39.2	39.3	39.3	39.3	39.3	39.3	39.4	39.4
GE 20000	41.1	41.3	41.6	41.9	42.0	42.0	42.0	42.0	42.3	42.4	42.4	42.4	42.4	42.4	42.6	42.6
GE 18000	42.0	42.2	42.4	42.8	42.9	42.9	42.9	42.9	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4
GE 16000	42.7	42.9	43.1	43.4	43.6	43.6	43.6	43.6	43.9	44.0	44.0	44.0	44.0	44.0	44.1	44.1
GE 14000	43.8	44.0	44.2	44.6	44.7	44.7	44.7	44.7	45.0	45.1	45.1	45.1	45.1	45.1	45.2	45.2
GE 12000	46.3	46.6	46.8	47.1	47.2	47.2	47.2	47.2	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8
GE 10000	49.6	50.0	50.3	50.7	51.0	51.0	51.0	51.1	51.4	51.6	51.6	51.6	51.6	51.6	51.7	51.7
GE 9000	50.7	51.1	51.4	51.8	52.1	52.1	52.1	52.2	52.6	52.7	52.7	52.7	52.7	52.7	52.8	52.8
GE 8000	54.2	54.9	55.2	55.7	56.4	56.4	56.4	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2
GE 7000	58.1	58.8	59.1	59.6	60.3	60.3	60.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.1	61.1
GE 6000	59.3	60.0	60.3	60.8	61.6	61.6	61.6	61.8	62.1	62.2	62.2	62.2	62.2	62.2	62.3	62.3
GE 5000	62.2	62.9	63.2	63.7	64.4	64.4	64.4	64.7	65.0	65.1	65.1	65.1	65.1	65.1	65.2	65.2
GE 4500	63.8	64.4	64.8	65.2	66.1	66.1	66.1	66.3	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9
GE 4000	66.2	66.9	67.3	67.8	68.7	68.8	68.8	69.0	69.3	69.4	69.4	69.4	69.4	69.4	69.6	69.6
GE 3500	67.8	68.4	68.9	69.6	70.4	70.6	70.6	70.8	71.1	71.2	71.2	71.2	71.2	71.2	71.3	71.3
GE 3000	69.4	70.1	70.8	71.4	72.4	72.6	72.6	72.8	73.1	73.2	73.2	73.2	73.2	73.2	73.3	73.3
GE 2500	70.3	71.6	72.4	73.2	74.2	74.3	74.3	74.6	74.9	75.0	75.0	75.0	75.0	75.0	75.1	75.1
GE 2000	72.3	73.7	74.6	75.3	76.3	76.6	76.6	77.0	77.3	77.4	77.4	77.4	77.4	77.4	77.6	77.6
GE 1800	72.6	73.9	74.8	75.6	76.6	76.8	76.8	77.2	77.6	77.7	77.7	77.7	77.7	77.7	77.8	77.8
GE 1500	73.8	75.1	76.1	76.9	77.9	78.1	78.1	78.6	78.9	79.0	79.0	79.0	79.0	79.0	79.1	79.1
GE 1200	75.0	76.3	77.7	78.4	79.7	79.9	79.9	80.3	80.7	80.8	80.8	80.8	80.8	80.8	80.9	80.9
GE 1000	76.6	78.2	79.6	80.4	81.9	82.2	82.2	82.7	83.0	83.1	83.1	83.1	83.1	83.1	83.2	83.2
GE 900	77.1	78.9	80.4	81.3	82.8	83.1	83.1	83.6	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1
GE 800	78.2	80.1	81.7	82.6	84.0	84.3	84.3	84.8	85.1	85.2	85.3	85.3	85.3	85.3	85.4	85.4
GE 700	78.7	80.6	82.2	83.1	84.7	85.0	85.2	85.7	86.0	86.3	86.4	86.4	86.4	86.4	86.6	86.6
GE 600	80.0	82.2	84.0	85.1	86.7	87.0	87.4	87.9	88.2	88.7	88.8	88.8	88.8	88.8	88.9	88.9
GE 500	81.1	83.3	85.1	86.2	87.8	88.1	88.6	89.0	89.4	89.9	90.0	90.0	90.1	90.1	90.2	90.2
GE 400	82.0	84.4	86.4	87.9	89.6	89.9	90.3	91.1	91.7	92.4	92.9	92.9	93.1	93.2	93.3	93.3
GE 300	82.4	84.9	87.0	88.6	90.3	90.8	91.6	92.7	93.3	94.4	95.2	95.4	96.0	96.1	96.3	96.3
GE 200	82.7	85.1	87.2	88.8	90.8	91.2	92.0	93.3	94.1	95.4	96.2	96.6	97.3	97.9	98.3	98.7
GE 100	82.7	85.1	87.3	88.9	90.9	91.3	92.2	93.6	94.3	95.7	96.6	96.9	97.9	98.4	99.1	99.8
GE 000	82.7	85.1	87.3	88.9	90.9	91.3	92.2	93.6	94.3	95.7	96.6	96.9	97.9	98.4	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.4	28.9	29.3	29.8	30.3	30.4	30.6	30.8	30.8	31.2	31.5	31.6	32.0	32.2	32.7	33.3
GE 20000	32.1	32.8	33.3	33.8	34.3	34.5	34.7	34.9	34.9	35.3	35.7	35.8	36.2	36.3	36.9	37.6
GE 18000	32.8	33.4	33.9	34.4	35.0	35.1	35.3	35.5	35.6	36.0	36.3	36.4	36.8	37.0	37.6	38.3
GE 16000	33.1	33.8	34.3	34.8	35.3	35.4	35.7	35.9	35.9	36.3	36.7	36.8	37.2	37.4	38.0	38.6
GE 14000	33.8	34.5	35.0	35.5	36.1	36.2	36.4	36.6	36.7	37.1	37.5	37.6	38.0	38.2	38.8	39.4
GE 12000	36.0	36.8	37.3	37.9	38.4	38.6	38.8	39.0	39.1	39.5	39.9	40.0	40.4	40.5	41.1	41.8
GE 10000	39.5	40.3	40.9	41.5	42.1	42.3	42.5	42.8	42.9	43.3	43.7	43.8	44.2	44.4	45.0	45.7
GE 9000	40.5	41.4	42.0	42.6	43.3	43.4	43.7	43.9	44.0	44.4	44.8	44.9	45.3	45.5	46.1	46.8
GE 8000	44.4	45.4	46.1	46.9	47.7	47.9	48.1	48.4	48.5	49.0	49.4	49.5	49.9	50.1	50.7	51.4
GE 7000	47.7	48.8	49.5	50.3	51.2	51.3	51.6	51.9	52.0	52.5	52.9	53.0	53.4	53.6	54.2	54.9
GE 6000	48.9	50.0	50.8	51.6	52.5	52.6	52.9	53.2	53.4	53.8	54.2	54.3	54.7	54.9	55.5	56.2
GE 5000	51.6	52.8	53.6	54.4	55.3	55.5	55.8	56.2	56.3	56.8	57.3	57.3	57.8	57.9	58.6	59.3
GE 4500	53.2	54.5	55.3	56.2	57.2	57.4	57.7	58.1	58.2	58.7	59.1	59.2	59.6	59.8	60.4	61.1
GE 4000	55.1	56.5	57.4	58.3	59.3	59.6	60.0	60.3	60.4	60.9	61.4	61.5	61.9	62.1	62.7	63.4
GE 3500	56.5	57.9	58.9	59.9	61.0	61.3	61.7	62.1	62.2	62.7	63.2	63.3	63.7	63.9	64.5	65.2
GE 3000	58.2	59.7	60.8	61.8	63.1	63.3	63.8	64.2	64.3	64.9	65.4	65.5	65.9	66.1	66.7	67.4
GE 2500	59.4	61.1	62.3	63.4	64.9	65.1	65.6	65.9	66.1	66.7	67.2	67.3	67.7	67.9	68.6	69.3
GE 2000	60.8	62.6	63.9	65.1	66.5	66.8	67.3	67.7	67.9	68.5	69.0	69.1	69.5	69.8	70.4	71.1
GE 1800	61.4	63.2	64.6	65.7	67.2	67.5	68.0	68.4	68.6	69.2	69.7	69.8	70.2	70.4	71.1	71.8
GE 1500	62.7	64.6	66.0	67.2	68.8	69.1	69.6	70.1	70.3	70.9	71.4	71.5	72.0	72.3	72.9	73.6
GE 1200	64.1	66.2	67.8	69.2	70.9	71.3	71.9	72.4	72.6	73.2	73.8	73.9	74.4	74.6	75.3	75.9
GE 1000	65.3	67.7	69.5	70.9	72.8	73.2	73.9	74.5	74.6	75.4	75.9	76.1	76.6	76.8	77.4	78.1
GE 900	66.3	68.8	70.7	72.2	74.1	74.6	75.3	75.8	76.0	76.8	77.3	77.5	78.0	78.2	78.9	79.6
GE 800	67.5	70.1	72.1	73.7	75.7	76.2	77.0	77.6	77.8	78.6	79.2	79.3	79.8	80.1	80.7	81.4
GE 700	68.3	71.0	73.2	74.8	77.0	77.5	78.4	79.0	79.2	80.1	80.7	80.8	81.4	81.6	82.3	83.0
GE 600	69.6	72.4	74.7	76.5	78.9	79.4	80.3	81.0	81.3	82.3	83.0	83.1	83.7	83.9	84.6	85.4
GE 500	70.5	73.5	75.8	77.8	80.4	81.0	82.1	82.8	83.1	84.2	85.0	85.3	85.9	86.2	86.9	87.8
GE 400	71.3	74.4	76.9	79.1	82.1	82.8	84.2	85.2	85.5	86.9	87.7	88.0	88.8	89.1	90.0	90.9
GE 300	71.8	75.0	77.8	80.2	83.5	84.3	86.0	87.3	87.8	89.7	90.9	91.3	92.4	92.9	94.0	95.4
GE 200	71.8	75.1	77.9	80.3	83.8	84.6	86.4	87.9	88.3	90.6	92.0	92.5	94.0	94.7	96.2	98.4
GE 100	71.8	75.1	78.0	80.3	83.8	84.6	86.5	88.0	88.4	90.8	92.3	92.8	94.4	95.2	97.1	99.9
GE 000	71.8	75.1	78.0	80.3	83.8	84.6	86.5	88.0	88.4	90.8	92.3	92.8	94.4	95.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.7	19.8	20.1	20.6	21.4	21.4	21.8	22.5	22.6	23.2	23.7	23.9	24.4	24.7	26.0	27.0
GE 20000	21.8	21.9	22.3	22.8	23.5	23.5	24.0	24.6	24.7	25.4	25.8	26.1	26.7	27.0	28.3	29.4
GE 18000	21.9	22.0	22.4	22.9	23.7	23.7	24.1	24.7	24.8	25.5	25.9	26.2	26.8	27.1	28.4	29.5
GE 16000	21.9	22.0	22.4	22.9	23.7	23.7	24.1	24.7	24.8	25.5	25.9	26.2	26.8	27.1	28.4	29.5
GE 14000	22.4	22.5	22.8	23.3	24.1	24.1	24.5	25.2	25.3	25.9	26.3	26.7	27.2	27.5	28.8	29.9
GE 12000	23.7	23.8	24.1	24.6	25.4	25.5	25.9	26.6	26.7	27.3	27.7	28.1	28.6	28.9	30.2	31.3
GE 10000	25.7	25.8	26.1	26.7	27.4	27.5	28.0	28.7	28.8	29.6	30.0	30.3	30.9	31.2	32.5	33.7
GE 9000	26.2	26.3	26.7	27.2	28.0	28.1	28.5	29.2	29.4	30.1	30.5	30.9	31.4	31.7	33.0	34.2
GE 8000	28.7	28.8	29.1	29.7	30.4	30.5	31.0	31.7	31.8	32.6	33.0	33.3	33.9	34.2	35.5	36.7
GE 7000	31.0	31.1	31.4	31.9	32.8	32.9	33.3	34.1	34.3	35.1	35.5	35.8	36.3	36.7	38.0	39.1
GE 6000	32.0	32.3	32.6	33.1	34.1	34.2	34.6	35.4	35.6	36.3	36.8	37.1	37.6	38.0	39.2	40.4
GE 5000	33.8	34.0	34.3	34.8	35.8	35.9	36.3	37.3	37.5	38.3	38.7	39.0	39.6	39.9	41.2	42.4
GE 4500	34.7	35.1	35.4	35.9	37.0	37.1	37.5	38.5	38.7	39.5	39.9	40.2	40.8	41.1	42.4	43.5
GE 4000	35.9	36.2	36.7	37.3	38.5	38.6	39.0	40.0	40.2	41.0	41.4	41.7	42.3	42.6	43.9	45.1
GE 3500	36.8	37.2	37.6	38.5	39.7	39.8	40.2	41.2	41.4	42.2	42.6	42.9	43.4	43.8	45.1	46.2
GE 3000	37.3	37.7	38.3	39.4	40.6	40.8	41.2	42.4	42.6	43.3	43.8	44.1	44.6	44.9	46.2	47.4
GE 2500	38.9	39.7	40.2	41.5	43.0	43.1	43.9	45.1	45.3	46.0	46.5	46.8	47.3	47.6	48.9	50.1
GE 2000	40.2	41.4	42.0	43.3	45.1	45.2	46.1	47.3	47.5	48.3	48.7	49.0	49.6	49.9	51.2	52.4
GE 1800	40.3	41.6	42.4	43.7	45.4	45.5	46.5	47.6	47.8	48.6	49.0	49.4	49.9	50.2	51.5	52.7
GE 1500	41.0	42.4	43.1	44.4	46.2	46.3	47.3	48.5	48.7	49.5	49.9	50.2	50.8	51.1	52.4	53.5
GE 1200	43.2	44.8	45.7	47.2	49.0	49.1	50.2	51.4	51.8	52.7	53.1	53.4	54.0	54.3	55.6	56.8
GE 1000	44.1	45.8	46.7	48.2	50.2	50.3	51.7	53.1	53.5	54.6	55.4	55.7	56.2	56.6	57.8	59.0
GE 900	45.2	46.9	47.7	49.2	51.3	51.4	52.9	54.3	54.7	55.8	56.6	56.9	57.4	57.7	59.0	60.2
GE 800	46.0	48.0	49.0	50.8	53.0	53.1	54.7	56.3	56.8	58.0	58.7	59.0	59.6	59.9	61.2	62.4
GE 700	46.6	48.6	49.7	51.6	54.1	54.2	55.9	57.5	58.0	59.2	60.0	60.3	60.9	61.2	62.5	63.7
GE 600	47.0	49.1	50.2	52.3	54.7	54.8	56.6	58.5	58.9	60.9	61.7	62.2	62.9	63.2	64.6	65.9
GE 500	47.5	49.8	51.2	53.3	56.0	56.2	58.5	60.9	61.3	63.5	64.5	64.9	65.7	66.2	67.6	68.9
GE 400	48.2	50.5	51.9	54.3	57.3	57.7	60.6	63.1	63.5	66.2	67.8	68.3	69.5	70.0	71.8	73.3
GE 300	48.7	51.1	53.1	55.7	59.4	59.8	63.7	68.1	69.4	73.1	75.6	76.1	79.0	81.3	84.6	86.6
GE 200	49.0	51.4	53.5	56.2	60.2	60.8	65.2	69.7	71.0	75.2	78.2	78.9	82.3	85.5	91.5	95.1
GE 100	49.0	51.4	53.5	56.2	60.3	60.9	65.3	70.1	71.4	75.9	79.0	79.8	83.3	86.8	93.0	98.8
GE 000	49.0	51.4	53.5	56.2	60.3	60.9	65.3	70.1	71.4	75.9	79.0	79.8	83.3	86.8	93.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	18.5	19.1	19.4	19.8	20.2	20.2	20.8	21.0	21.2	21.8	22.4	22.7	23.5	23.7	24.2	24.7
GE 20000	21.8	22.5	22.7	23.3	23.8	23.8	24.4	24.6	24.8	25.6	26.2	26.7	27.6	27.8	29.4	30.1
GE 18000	22.0	22.7	22.9	23.7	24.1	24.1	24.7	24.9	25.2	25.9	26.6	27.0	28.0	28.2	29.7	30.4
GE 16000	22.5	23.1	23.5	24.3	24.7	24.7	25.4	25.6	25.8	26.6	27.2	27.6	28.6	28.8	30.3	31.1
GE 14000	23.1	23.8	24.2	24.9	25.4	25.4	26.0	26.2	26.5	27.2	27.8	28.3	29.2	29.5	31.0	31.7
GE 12000	25.7	26.3	26.8	27.5	28.0	28.0	28.6	28.8	29.0	29.8	30.4	30.9	31.8	32.0	33.5	34.3
GE 10000	28.2	28.8	29.2	30.1	30.5	30.9	31.5	31.8	32.0	32.8	33.4	33.9	34.8	35.1	36.6	37.3
GE 9000	28.5	29.2	29.7	30.5	31.0	31.3	31.9	32.3	32.5	33.2	33.9	34.3	35.3	35.5	37.0	37.7
GE 8000	29.9	30.8	31.3	32.2	32.6	32.9	33.5	33.9	34.1	34.8	35.5	35.9	36.9	37.1	38.6	39.4
GE 7000	31.8	32.8	33.3	34.4	34.8	35.2	35.8	36.1	36.3	37.1	37.7	38.2	39.1	39.4	40.9	41.6
GE 6000	32.0	33.0	33.5	34.6	35.3	35.6	36.2	36.6	36.8	37.5	38.2	38.6	39.6	39.8	41.3	42.0
GE 5000	34.5	35.5	36.0	37.1	37.8	38.2	38.8	39.1	39.4	40.1	40.8	41.2	42.2	42.4	43.9	44.6
GE 4500	35.1	36.1	36.7	38.2	39.1	39.5	40.1	40.4	40.6	41.4	42.0	42.5	43.4	43.7	45.2	45.9
GE 4000	36.8	37.8	38.7	40.3	41.5	41.8	42.7	43.0	43.2	44.0	44.6	45.2	46.2	46.5	48.0	48.7
GE 3500	38.3	39.5	40.3	41.9	43.2	43.5	44.4	44.7	44.9	45.7	46.3	46.9	48.0	48.3	49.8	50.5
GE 3000	39.1	40.4	41.3	43.0	44.6	44.9	45.8	46.2	46.5	47.4	48.1	48.6	49.7	50.0	51.5	52.3
GE 2500	40.5	41.9	43.0	44.9	46.8	47.1	48.2	48.6	48.8	49.9	50.5	51.1	52.2	52.5	54.0	54.7
GE 2000	41.5	42.9	44.2	46.3	48.5	48.9	50.3	50.9	51.1	52.3	52.9	53.4	54.5	54.8	56.3	57.1
GE 1800	41.8	43.2	44.5	46.7	48.9	49.4	50.8	51.4	51.6	52.8	53.4	54.0	55.1	55.4	56.9	57.6
GE 1500	41.9	43.3	44.6	46.8	49.4	50.0	51.5	52.2	52.4	53.5	54.2	54.7	55.8	56.1	57.6	58.4
GE 1200	42.8	44.4	45.8	48.1	50.6	51.3	52.9	53.5	53.8	55.1	55.7	56.2	57.3	57.6	59.2	60.0
GE 1000	43.1	44.8	46.6	49.0	51.8	52.6	54.5	55.2	55.4	56.7	57.3	57.8	58.9	59.2	60.9	61.6
GE 900	43.9	45.7	47.4	49.9	52.9	53.7	55.8	56.5	56.7	58.1	58.8	59.4	60.4	60.8	62.4	63.1
GE 800	44.2	46.1	47.8	50.4	53.8	54.6	56.9	57.7	58.0	59.5	60.3	60.9	61.9	62.3	63.9	64.6
GE 700	44.4	46.5	48.7	51.5	55.4	56.6	59.0	60.1	60.3	61.9	62.8	63.3	64.4	64.8	66.5	67.2
GE 600	44.9	47.2	50.2	53.0	57.0	58.3	61.1	62.3	62.5	64.4	65.8	66.6	67.6	68.1	69.7	70.4
GE 500	45.8	48.3	51.4	55.1	59.8	61.4	64.4	65.8	66.1	68.4	69.9	71.2	72.6	73.0	74.8	75.7
GE 400	46.5	49.1	52.6	57.0	62.6	64.5	68.4	70.4	70.9	73.7	75.3	77.2	79.4	79.8	81.6	82.5
GE 300	46.6	49.4	53.1	58.0	64.5	66.6	71.5	74.4	75.2	79.0	81.3	83.3	86.8	87.8	91.0	92.6
GE 200	46.7	49.5	53.2	58.1	64.7	66.8	71.8	75.2	76.1	80.4	83.3	85.6	89.6	91.3	95.2	97.7
GE 100	46.7	49.5	53.2	58.1	64.8	66.9	71.9	75.3	76.2	80.5	83.4	85.8	90.0	91.9	96.2	99.8
GE 000	46.7	49.5	53.2	58.1	64.8	66.9	71.9	75.3	76.2	80.5	83.4	85.8	90.0	91.9	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.1	24.9	25.6	26.0	26.3	26.3	26.7	27.1	27.1	27.1	27.4	27.4	27.8	27.8	28.3	28.8
GE 20000	28.1	29.0	29.9	30.6	31.0	31.0	31.5	32.0	32.0	32.2	32.6	32.6	33.0	33.0	33.4	34.3
GE 18000	28.3	29.2	30.1	30.9	31.2	31.2	31.7	32.3	32.3	32.4	32.8	32.8	33.2	33.2	33.7	34.5
GE 16000	28.5	29.5	30.3	31.1	31.4	31.4	31.9	32.5	32.5	32.6	33.0	33.0	33.4	33.4	33.9	34.7
GE 14000	28.5	29.5	30.3	31.1	31.4	31.4	31.9	32.5	32.5	32.6	33.0	33.0	33.4	33.4	33.9	34.7
GE 12000	31.3	32.3	33.1	33.9	34.2	34.2	34.7	35.4	35.4	35.5	35.9	35.9	36.3	36.3	36.8	37.6
GE 10000	33.4	34.6	35.5	36.2	36.7	36.7	37.2	38.0	38.0	38.1	38.5	38.5	38.9	38.9	39.4	40.2
GE 9000	34.5	35.7	36.7	37.4	37.8	37.8	38.4	39.1	39.1	39.2	39.7	39.7	40.1	40.1	40.5	41.4
GE 8000	37.6	38.9	39.9	40.6	41.1	41.1	41.6	42.4	42.4	42.5	42.9	42.9	43.3	43.3	43.8	44.6
GE 7000	39.4	40.6	41.7	42.7	43.1	43.1	43.7	44.4	44.4	44.6	45.1	45.1	45.5	45.5	45.9	46.8
GE 6000	39.9	41.3	42.5	43.4	43.9	43.9	44.4	45.2	45.2	45.4	45.8	45.8	46.2	46.2	46.7	47.5
GE 5000	42.5	43.9	45.2	46.1	46.6	46.6	47.1	47.8	47.8	48.1	48.5	48.5	48.9	48.9	49.4	50.2
GE 4500	43.3	44.8	46.2	47.2	47.6	47.6	48.2	48.9	48.9	49.1	49.6	49.6	50.0	50.0	50.4	51.3
GE 4000	44.9	46.7	48.2	49.1	49.7	49.7	50.2	51.0	51.0	51.2	51.6	51.6	52.0	52.0	52.5	53.3
GE 3500	45.8	47.5	49.1	50.4	51.1	51.1	51.6	52.4	52.4	52.6	53.0	53.0	53.4	53.4	53.9	54.7
GE 3000	46.9	48.7	50.3	51.9	52.9	52.9	53.4	54.2	54.2	54.4	54.8	54.8	55.3	55.3	55.7	56.6
GE 2500	47.8	49.8	51.7	53.4	54.5	54.5	55.1	56.0	56.0	56.2	56.7	56.7	57.1	57.1	57.5	58.4
GE 2000	49.2	51.3	53.4	55.4	56.7	56.7	57.4	58.4	58.4	58.7	59.2	59.2	59.7	59.7	60.1	61.0
GE 1800	49.4	51.4	53.5	55.5	56.8	56.8	57.5	58.5	58.5	58.8	59.4	59.4	59.8	59.8	60.2	61.1
GE 1500	50.2	52.4	54.6	56.6	58.1	58.1	59.0	60.0	60.0	60.4	61.0	61.0	61.4	61.4	61.8	62.7
GE 1200	52.5	54.6	57.2	59.6	61.3	61.4	62.8	63.9	63.9	64.3	64.9	64.9	65.4	65.4	65.8	66.7
GE 1000	53.1	55.5	58.5	61.4	63.4	63.5	65.2	66.6	66.6	67.0	67.7	67.7	68.2	68.2	68.6	69.7
GE 900	53.9	56.5	59.6	62.5	64.6	64.7	66.5	67.8	68.0	68.4	69.1	69.1	69.6	69.6	70.0	71.1
GE 800	55.1	57.8	61.0	63.9	66.0	66.1	67.8	69.2	69.4	69.9	70.6	70.6	71.1	71.1	71.5	72.6
GE 700	55.9	58.7	61.8	65.1	67.3	67.4	69.1	70.5	70.8	71.4	72.2	72.2	72.6	72.6	73.0	74.1
GE 600	56.8	59.7	63.0	66.3	68.8	69.0	70.8	72.2	72.5	73.1	74.2	74.5	74.9	75.1	75.5	76.6
GE 500	57.6	60.9	64.6	68.4	71.4	71.7	74.4	76.5	76.8	77.8	79.4	79.8	80.4	80.5	81.0	82.0
GE 400	58.5	62.2	66.0	70.2	73.9	74.	77.7	80.0	80.6	82.5	84.1	84.6	85.4	85.5	86.0	87.1
GE 300	58.7	62.4	66.3	70.6	74.8	75.9	79.6	82.8	83.7	86.5	88.6	89.7	91.4	91.8	93.1	94.3
GE 200	58.7	62.4	66.3	70.9	75.2	76.2	79.9	83.2	84.2	87.4	89.9	91.2	93.7	94.4	96.3	98.4
GE 100	58.7	62.4	66.3	70.9	75.2	76.2	80.0	83.3	84.3	87.6	90.1	91.4	94.2	95.2	97.5	100.0
GE 000	58.7	62.4	66.3	70.9	75.2	76.2	80.0	83.3	84.3	87.6	90.1	91.4	94.2	95.2	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.2	22.8	23.2	23.8	24.2	24.4	25.1	25.5	25.5	26.1	27.3	27.4	28.4	28.6	29.9	31.1
GE 20000	24.5	25.2	25.6	26.1	26.8	27.0	27.6	28.1	28.1	28.7	29.9	30.0	31.0	31.2	32.5	33.7
GE 18000	24.7	25.4	25.8	26.3	27.0	27.2	27.8	28.3	28.3	28.9	30.1	30.2	31.2	31.4	32.7	33.9
GE 16000	24.7	25.4	25.8	26.3	27.0	27.2	27.8	28.3	28.3	28.9	30.1	30.2	31.2	31.4	32.7	33.9
GE 14000	25.4	26.2	26.7	27.3	28.0	28.2	28.8	29.2	29.2	29.9	31.1	31.2	32.2	32.4	33.7	34.8
GE 12000	26.1	27.1	27.5	28.2	28.8	29.0	29.7	30.1	30.1	30.8	31.9	32.0	33.0	33.2	34.5	35.7
GE 10000	28.2	29.1	29.9	30.5	31.2	31.4	32.0	32.5	32.5	33.1	34.3	34.4	35.4	35.6	37.0	38.2
GE 9000	29.0	30.0	30.8	31.4	32.0	32.3	32.9	33.3	33.3	34.0	35.2	35.3	36.2	36.5	37.8	39.0
GE 8000	32.3	33.4	34.2	34.8	35.5	35.8	36.5	37.0	37.0	37.7	38.9	39.0	40.0	40.2	41.6	42.8
GE 7000	34.5	35.7	36.5	37.3	38.0	38.4	39.1	39.7	39.7	40.4	41.8	41.9	42.9	43.1	44.6	45.8
GE 6000	36.6	37.7	38.5	39.4	40.1	40.5	41.3	41.8	41.8	42.6	44.0	44.1	45.1	45.3	46.8	48.0
GE 5000	38.2	39.4	40.2	41.1	41.8	42.3	43.0	43.5	43.5	44.3	45.7	45.8	46.8	47.0	48.5	49.7
GE 4500	39.6	40.8	41.7	42.8	43.8	44.2	44.9	45.6	45.6	46.3	47.7	47.8	48.8	49.0	50.5	51.7
GE 4000	41.2	42.4	43.4	44.5	45.6	46.0	46.8	47.4	47.4	48.2	49.6	49.7	50.6	50.9	52.4	53.7
GE 3500	42.2	43.3	44.4	45.6	46.7	47.1	47.8	48.5	48.5	49.2	50.6	50.8	51.7	51.9	53.4	54.7
GE 3000	43.3	44.6	45.7	46.9	48.2	48.6	49.6	50.3	50.3	51.2	52.6	52.7	53.8	54.0	55.5	56.8
GE 2500	45.3	46.7	48.2	49.4	50.9	51.6	52.7	53.4	53.4	54.6	56.0	56.1	57.2	57.4	58.9	60.2
GE 2000	45.6	47.0	48.6	49.9	51.4	52.2	53.5	54.4	54.4	55.6	57.0	57.1	58.2	58.4	59.9	61.2
GE 1800	46.0	47.5	49.2	50.5	52.0	52.8	54.2	55.1	55.1	56.2	57.6	57.7	58.8	59.0	60.5	61.9
GE 1500	46.6	48.1	49.8	51.3	52.8	53.5	54.9	55.8	55.8	57.2	58.6	58.7	59.8	60.0	61.5	62.9
GE 1200	47.7	49.2	51.1	52.9	54.8	55.6	57.1	58.1	58.1	59.7	61.1	61.2	62.4	62.6	64.1	65.5
GE 1000	48.7	50.2	52.0	54.0	55.9	56.7	58.2	59.1	59.1	60.9	62.3	62.4	63.5	63.8	65.3	66.7
GE 900	49.5	51.4	53.4	55.5	57.4	58.3	59.8	60.8	60.8	62.5	63.9	64.0	65.2	65.4	67.2	68.6
GE 800	50.4	52.6	54.9	57.0	58.9	59.8	61.3	62.3	62.3	64.1	65.5	65.6	66.8	67.0	68.8	70.2
GE 700	51.0	53.2	55.7	57.8	59.8	60.6	62.3	63.2	63.2	65.4	66.8	66.9	68.1	68.3	70.1	71.5
GE 600	51.7	54.0	56.6	58.7	61.1	62.0	64.0	65.1	65.3	67.6	69.2	69.4	70.5	70.8	72.7	74.1
GE 500	52.5	54.9	57.8	60.2	63.5	64.5	66.6	67.8	68.2	70.8	72.4	72.5	73.8	74.4	76.3	77.7
GE 400	54.1	56.8	59.7	62.3	65.7	66.7	69.1	70.6	71.0	74.0	75.7	76.0	77.5	78.2	80.4	82.0
GE 300	54.5	57.3	60.2	62.8	66.8	67.8	70.6	73.1	73.4	78.4	81.2	82.5	85.2	86.5	89.9	91.5
GE 200	54.8	57.6	60.6	63.2	67.3	68.4	71.4	74.1	74.4	80.1	83.3	84.7	88.1	89.6	93.5	95.6
GE 100	54.8	57.6	60.6	63.2	67.3	68.4	71.5	74.2	74.5	80.2	83.4	84.8	88.6	90.2	95.2	99.7
GE 000	54.8	57.6	60.6	63.2	67.3	68.4	71.5	74.2	74.5	80.2	83.4	84.8	88.6	90.2	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	49.2	49.4	49.7	49.9	50.1	50.1	50.2	50.3	50.4	50.5	50.6	50.6	50.8	50.9	51.1	51.3
GE 20000	55.4	55.7	56.0	56.2	56.4	56.5	56.6	56.7	56.8	56.9	57.0	57.1	57.3	57.4	57.6	57.9
GE 18000	55.8	56.2	56.4	56.6	56.9	56.9	57.1	57.2	57.2	57.3	57.5	57.5	57.7	57.8	58.1	58.3
GE 16000	56.0	56.3	56.6	56.8	57.1	57.1	57.3	57.4	57.4	57.5	57.7	57.7	57.9	58.0	58.3	58.5
GE 14000	56.9	57.2	57.5	57.7	58.0	58.0	58.2	58.3	58.3	58.5	58.6	58.6	58.8	58.9	59.2	59.4
GE 12000	59.4	59.8	60.0	60.3	60.5	60.6	60.7	60.8	60.9	61.0	61.2	61.2	61.4	61.5	61.8	62.0
GE 10000	63.3	63.7	64.0	64.2	64.5	64.6	64.7	64.9	64.9	65.1	65.2	65.2	65.4	65.5	65.8	66.1
GE 9000	64.5	64.9	65.2	65.5	65.8	65.8	66.0	66.1	66.2	66.3	66.5	66.5	66.7	66.8	67.1	67.3
GE 8000	67.9	68.4	68.7	69.0	69.3	69.4	69.5	69.7	69.7	69.9	70.0	70.1	70.3	70.4	70.7	70.9
GE 7000	70.3	70.8	71.1	71.4	71.8	71.9	72.0	72.2	72.2	72.4	72.5	72.6	72.8	72.9	73.2	73.4
GE 6000	71.5	72.0	72.4	72.7	73.0	73.1	73.3	73.4	73.5	73.6	73.8	73.8	74.1	74.2	74.4	74.7
GE 5000	73.9	74.4	74.8	75.1	75.5	75.6	75.8	75.9	76.0	76.2	76.3	76.4	76.6	76.7	77.0	77.2
GE 4500	74.9	75.5	75.9	76.2	76.6	76.7	76.9	77.1	77.1	77.3	77.5	77.5	77.7	77.8	78.1	78.4
GE 4000	76.7	77.3	77.8	78.1	78.6	78.6	78.8	79.0	79.1	79.2	79.4	79.5	79.7	79.8	80.1	80.3
GE 3500	77.9	78.5	79.0	79.4	79.9	80.0	80.2	80.3	80.4	80.6	80.7	80.8	81.0	81.1	81.4	81.7
GE 3000	79.3	80.0	80.6	81.0	81.6	81.6	81.9	82.1	82.1	82.3	82.5	82.5	82.8	82.9	83.2	83.4
GE 2500	80.3	81.0	81.6	82.1	82.7	82.8	83.0	83.3	83.3	83.5	83.7	83.7	84.0	84.1	84.4	84.6
GE 2000	81.1	82.0	82.6	83.1	83.7	83.8	84.1	84.3	84.4	84.6	84.8	84.9	85.1	85.2	85.5	85.8
GE 1800	81.4	82.2	82.9	83.4	84.0	84.1	84.4	84.6	84.7	84.9	85.1	85.2	85.4	85.5	85.8	86.0
GE 1500	82.0	82.9	83.6	84.1	84.8	84.9	85.2	85.5	85.5	85.8	86.0	86.0	86.3	86.4	86.7	86.9
GE 1200	82.7	83.7	84.5	85.1	85.8	86.0	86.3	86.6	86.6	86.9	87.1	87.2	87.4	87.5	87.8	88.1
GE 1000	83.3	84.4	85.2	85.9	86.7	86.8	87.2	87.5	87.6	87.9	88.1	88.2	88.4	88.5	88.8	89.1
GE 900	83.7	84.8	85.7	86.4	87.2	87.4	87.8	88.1	88.2	88.5	88.7	88.8	89.0	89.2	89.5	89.7
GE 800	84.2	85.4	86.3	87.0	87.9	88.1	88.5	88.8	88.9	89.3	89.5	89.6	89.8	89.9	90.2	90.5
GE 700	84.5	85.7	86.7	87.5	88.4	88.6	89.0	89.4	89.5	89.9	90.2	90.2	90.5	90.6	90.9	91.2
GE 600	84.9	86.3	87.3	88.1	89.1	89.3	89.9	90.3	90.4	90.9	91.2	91.3	91.5	91.7	92.0	92.3
GE 500	85.3	86.7	87.9	88.8	89.9	90.2	90.8	91.3	91.4	92.0	92.3	92.5	92.8	93.0	93.3	93.6
GE 400	85.7	87.1	88.3	89.4	90.7	91.0	91.7	92.3	92.5	93.2	93.7	93.8	94.2	94.4	94.8	95.2
GE 300	85.8	87.3	88.6	89.7	91.2	91.6	92.4	93.2	93.4	94.5	95.1	95.4	96.1	96.4	97.1	97.5
GE 200	85.9	87.4	88.7	89.8	91.4	91.7	92.6	93.5	93.8	95.0	95.7	96.0	96.9	97.4	98.4	99.1
GE 100	85.9	87.4	88.7	89.8	91.4	91.7	92.7	93.5	93.8	95.0	95.8	96.2	97.1	97.6	98.8	99.9
GE 000	85.9	87.4	88.7	89.8	91.4	91.7	92.7	93.5	93.8	95.0	95.8	96.2	97.1	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS: 87262

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	19.7	26.5	16.3	35.1	2.5	53.9	2.6	930
03-05	18.1	25.2	15.8	37.5	3.4	56.8	4.0	930
06-08	4.3	26.1	25.1	40.8	3.8	69.6	7.7	930
09-11	3.8	21.6	31.9	41.1	1.6	74.6	3.9	930
12-14	2.0	20.0	37.8	39.8	.3	78.0	.8	930
15-17	1.7	22.4	37.3	38.4	.2	75.9	.9	930
18-20	5.9	30.0	27.8	35.8	.4	64.1	1.1	930
21-23	15.9	29.1	19.4	33.9	1.7	54.9	.6	930
ALL HOURS	8.0	25.0	26.0	37.0	1.0	65.0	2.0	7440

MONTH: APR HOURS: ALL

00-02	26.1	28.8	17.7	26.8	.7	45.1		900
03-05	16.2	34.8	22.4	25.7	.9	49.0	.6	900
06-08	4.8	35.2	28.8	30.9	.3	60.0	2.6	900
09-11	2.4	32.6	32.0	32.9	.1	65.0	.4	900
12-14	1.4	21.3	42.6	34.6	.1	77.2	.8	900
15-17	1.8	20.3	40.1	37.7	.1	77.9	.3	900
18-20	5.2	31.9	31.1	31.8		62.9	.3	900
21-23	16.2	33.8	21.9	27.7	.4	50.0	.3	900
ALL HOURS	9.3	29.8	29.6	31.0	.3	60.9	.7	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	40.3	38.6	10.5	10.6		21.1		868
03-05	19.7	50.6	19.7	10.0		29.7	.1	899
06-08	17.0	47.0	24.7	11.3		36.0	1.0	930
09-11	13.5	46.3	27.6	12.5		40.1	.4	930
12-14	9.5	45.1	31.4	14.1		45.5	.3	930
15-17	9.1	49.7	26.3	14.8		41.2	.5	930
18-20	12.7	53.1	21.5	12.6		34.1	.6	902
21-23	34.0	40.7	15.1	10.2		25.3	.2	873
ALL HOURS	19.0	46.0	22.0	12.0		34.0	.0	7262

MONTH: AUG HOURS: ALL

00-02	43.3	31.3	14.7	10.6		25.4	.3	930
03-05	25.2	47.3	17.0	10.5		27.5	1.2	930
06-08	17.0	46.6	26.8	9.5	.2	36.5	1.6	930
09-11	13.1	49.1	27.6	10.0	.1	37.7	1.0	930
12-14	6.5	53.9	30.0	9.7		39.7	.4	930
15-17	9.5	50.6	31.2	8.7		39.9	1.2	930
18-20	15.5	48.9	25.9	9.7		35.6	1.4	930
21-23	33.8	41.8	14.2	10.2		24.4	.3	930
ALL HOURS	20.5	46.2	23.4	9.9	.0	33.3	.9	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	13.7	20.6	15.7	43.6	6.6	65.8	10.0	900
03-05	10.4	15.8	15.3	47.2	11.2	73.8	10.6	900
06-08	3.3	16.2	20.0	49.0	11.4	80.4	13.2	900
09-11	1.8	16.4	22.2	52.4	7.1	81.8	11.9	900
12-14	2.3	16.3	26.3	51.0	4.0	81.3	5.2	900
15-17	2.6	18.9	29.0	46.3	3.2	78.6	4.9	900
18-20	9.3	24.2	18.4	45.0	3.0	66.4	5.3	900
21-23	12.8	23.6	15.9	42.0	5.8	63.7	6.8	900
ALL HOURS	7.0	19.0	20.0	47.0	6.0	73.0	8.0	7200

MONTH: DEC HOURS: ALL

00-02	11.0	14.8	11.2	48.4	14.6	74.2	14.9	930
03-05	10.5	11.2	9.6	51.0	17.7	78.3	16.3	930
06-08	6.0	12.7	13.8	52.6	14.9	81.3	18.3	930
09-11	2.3	12.6	19.6	54.9	10.6	85.2	18.7	930
12-14	2.8	14.5	19.8	54.8	8.1	82.7	12.7	930
15-17	3.1	17.3	21.2	49.2	9.1	79.6	11.2	930
18-20	7.4	14.5	14.4	52.0	11.6	78.1	11.1	930
21-23	10.2	14.8	11.6	49.6	13.8	74.9	13.3	930
ALL HOURS	6.7	14.1	15.1	51.6	12.6	79.3	14.6	7440

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100							.9	.4					.1
GE 95						.5	5.4	4.0	.3				.9
GE 90					.6	3.3	21.0	15.3	2.7				3.7
GE 85				.1	2.3	10.9	40.8	33.9	7.4				8.2
GE 80				.8	7.4	23.2	61.7	56.0	21.5	.6			14.6
GE 75				2.3	16.5	40.9	77.7	73.5	36.3	4.0			21.3
GE 70			.3	6.9	31.7	59.7	89.8	87.8	53.3	10.8			28.9
GE 65			1.7	15.4	49.2	79.2	97.4	95.6	69.7	21.6	.2		36.4
GE 60		.2	5.1	30.3	67.2	92.9	99.3	99.1	85.8	39.2	.6		44.0
GE 55	.1	1.7	12.8	49.4	84.7	98.5	99.8	100.0	94.9	60.0	3.3	.1	51.2
GE 50	.7	6.6	28.9	74.9	96.2	99.7	99.9		99.4	81.3	14.7	1.6	59.4
GE 45	4.9	19.7	56.3	93.9	99.7	100.0	100.0		100.0	93.0	32.9	8.6	68.1
GE 40	16.6	42.7	80.2	99.5	100.0					98.1	59.0	23.8	77.2
GE 35	38.2	71.5	93.1	100.0						99.7	78.8	46.3	85.9
GE 33	48.9	79.0	95.0							99.9	86.2	56.2	89.0
GE 30	61.2	87.8	97.3							99.9	92.6	71.1	92.6
GE 25	77.2	94.4	99.4							100.0	97.0	85.4	96.2
GE 20	86.5	98.1	99.9								98.6	93.4	98.1
GE 15	93.1	99.1	99.9								99.0	97.3	99.0
GE 10	97.5	99.5	100.0								99.6	98.8	99.6
GE 5	99.0	99.8									99.9	99.4	99.8
GE 0	99.7	100.0									100.0	99.7	99.9
GE -5	100.0											99.9	100.0
GE -10												100.0	100.0
MEAN	30.8	38.0	45.8	55.7	64.8	72.4	81.7	80.2	70.6	57.5	40.7	33.2	56.2
SD	9.48	8.04	8.01	8.45	9.52	9.13	8.87	8.74	9.95	9.07	8.32	8.65	19.52
TOTAL OBS	1460	1327	1488	1470	1519	1470	1513	1488	1440	1457	1418	1457	17507

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85							.5	.1					.0
GE 80						.3	5.5	4.0	.2				.9
GE 75					.6	3.3	24.3	18.0	2.2				4.1
GE 70				.2	3.0	15.6	51.0	42.9	9.1				10.4
GE 65				.7	9.5	33.3	72.8	69.0	26.7	.8			18.1
GE 60				2.7	25.7	57.5	90.4	89.7	48.9	6.5			27.3
GE 55			.3	10.8	47.4	83.5	98.7	98.1	71.5	17.8	.1		36.3
GE 50	.1	.3	4.1	28.6	72.1	97.6	99.7	100.0	90.3	40.9	.9	.1	45.3
GE 45	.5	3.4	14.4	54.8	92.4	99.9	99.9		98.6	69.6	10.0	1.2	54.5
GE 40	5.1	14.5	42.4	84.8	99.5	100.0	99.9		99.9	89.2	29.3	8.5	65.1
GE 35	20.5	41.4	76.1	98.8	100.0		100.0		100.0	97.9	58.3	26.4	77.1
GE 33	29.2	54.7	85.1	99.8						99.0	69.5	36.2	81.5
GE 30	42.1	70.7	91.3	100.0						99.7	81.0	52.9	86.7
GE 25	63.8	87.0	96.5							99.9	92.9	73.5	92.9
GE 20	78.6	93.7	99.0							100.0	97.0	87.0	96.3
GE 15	85.6	97.2	99.7								98.4	93.8	97.9
GE 10	91.8	98.6	99.9								98.9	97.1	98.9
GE 5	96.4	99.2	100.0								99.5	98.8	99.5
GE 0	98.7	99.6									99.9	99.4	99.8
GE -5	99.3	99.9									100.0	99.6	99.9
GE -10	99.8	100.0										99.9	100.0
GE -15	100.0											100.0	100.0
MEAN	26.1	32.3	38.3	46.1	54.5	61.6	69.1	68.0	59.4	48.2	35.4	28.8	47.6
SD	10.10	7.74	6.54	6.41	7.41	7.04	6.95	6.67	7.54	7.02	7.63	8.77	16.43
TOTAL OBS	1460	1327	1488	1470	1519	1470	1513	1488	1440	1457	1418	1457	17507

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	59	53	54	69	81	89	97	101	83	80	51	42	101
72	45	56	67	71	85	87	92	101	83	72	54	48	101
73	47	52	56	67	87	97	94	92	90	68	56	47	97
74	46	43	58	67	74	89	95	93	83	72	50	47	95
75	39	42	48	61	76	78	101	88	85	82	67	51	101
76	45	46	57	68	78	91	94	87	90	81	56	50	94
77	45	56	59	88	78	89	96	100	80	65	53	49	100
78	42	44	64	68	74	89	96	95	84	73	55	39	96
79	32	47	62	71	80	89	103	92	89	77	49	48	103
80	40	51	52	77	81	80	95	84	82	83	58	55	95
81	43	55	62	80	75	83	92	96	93	70	59	46	96
82	41	53	56	68	78	91	95	95	89	68	53	50	95
83	50	53	57	69	92	83	88	92	81	66	55	38	92
84	47	49	56	75	81	86	100	96	87	79	50	38	100
85	34	39	58	75	84	90	100	87	76	67	52	37	100
86	43	57	64	72	93	93	88	95	83	72	52	41	95
87	41	48	64	84	87	95	94	91	94	84	55	50	95
88	45	60	57	79	90	87	96	97	97	78	63	47	97
89	51	45	58	72	80	86	96	96	91				96*
GREATEST	59	62	70	88	93	97	104	104	97	84	68	58	104
TOTAL OBS	1460	1327	1488	1470	1519	1470	1513	1488	1440	1457	1418	1457	17507

THE GREATEST VALUE OF 104 OCCURRED ON 07/16/41

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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	10	15	6	28	34	40	38	43	35	18	22	2	2
72	-6	-7	23	22	31	42	44	48	29	23	24	-1	-7
73	4	17	28	26	35	37	42	44	39	33	18	12	4
74	-5	25	22	29	31	40	45	49	38	26	23	8	-5
75	1	11	20	25	33	42	52	50	40	27	11	15	1
76	16	13	12	28	34	37	47	42	37	27	16	15	12
77	-1	19	23	24	33	38	45	46	36	28	7	5	-1
78	1	21	18	29	32	42	49	44	34	25	12	-17	-17
79	-10	-9	23	24	35	35	41	50	44	30	17	20	-10
8	-1	13	21	27	39	39	47	37	36	27	20	10	-1
81	19	5	26	27	33	39	40	51	37	29	21	16	5
82	-8	7	26	27	30	40	42	50	39	26	12	7	-8
83	11	20	25	26	34	42	44	48	33	30	21	-10	-10
84	6	21	28	29	32	35	46	40	32	15	21	-1	-1
85	-1	-7	18	29	27	38	52	42	31	25	-12	-4	-12
86	16	9	28	30	31	41	42	51	36	33	12	8	8
87	2	21	23	30	34	37	48	42	37	30	23	3	2
88	5	10	25	26	30	39	31	44	34	26	15	7	5
89	12	-5	5	31	34	42	46	48	44				-5*
.....													
LEAST	-21	-18	-3	22	27	35	31	35	26	15	-12	-18	-21
.....													
TOTAL OBS	1460	1327	1488	1470	1519	1470	1513	1488	1440	1457	1418	1457	17507
.....													

THE LEAST VALUE OF -21 OCCURRED ON 01/29/50

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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
71	33	34	35	45	56	58	70	73	55	47	36	26	47
72	23	30	41	41	56	60	67	70	54	48	38	25	46
73	26	34	40	47	56	61	71	68	60	48	34	35	49
74	25	34	37	46	50	63	67	69	62	47	35	32	47
75	26	27	35	42	51	58	73	67	62	47	35	33	47
76	31	33	36	45	54	59	69	65	63	47	36	30	47
77	23	35	38	50	52	67	69	72	56	47	33	27	47
78	29	34	42	45	51	63	69	66	56	48	30	22	46
79	14	29	41	45	55	62	70	70	63	50	30	34	47
80	21	33	36	49	55	58	67	62	58	48	37	34	47
81	32	33	41	46	52	57	66	73	62	47	38	29	48
82	25	32	39	43	53	65	66	70	60	46	33	27	47
83	34	36	41	46	56	59	63	71	56	49	39	19	48
84	29	34	41	43	49	59	69	68	56	45	36	22	46
85	22	24	36	49	55	61	75	65	54	46	21	20	44
86	30	32	43	46	55	66	63	72	55	51	35	28	48
87	27	36	43	52	58	65	66	65	63	51	38	27	49
88	25	3	40	49	55	61	68	69	60	55	37	30	49
89	31	25	38	50	53	65	70	66	64				52*
MEAN	26.1	32.3	38.3	46.1	54.5	61.6	69.1	68.0	59.4	48.2	35.4	28.8	47.6
TOTAL OBS	1460	1327	1488	1470	1519	1470	1513	1488	1440	1457	1418	1457	17507

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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	35.9	5.482	930	0	197	0	0	0	930
03-05	34.4	5.552	930	0	335	0	0	0	930
06-08	34.5	5.492	930	0	305	0	0	0	930
09-11	40.2	5.969	930	0	59	0	0	0	930
12-14	45.0	6.344	930	0	27	0	0	0	930
15-17	45.6	6.354	930	0	22	0	0	0	930
18-20	41.3	5.929	930	0	53	0	0	0	930
21-23	38.1	5.408	930	0	103	0	0	0	930
ALL HOURS	39.4	7.101	7440	0	1101	0	0	0	7440

MONTH: APR

00-02	42.0	6.903	900	0	55	3	0	0	900
03-05	39.6	6.544	900	0	129	0	0	0	900
06-08	41.9	6.995	900	0	69	3	0	0	900
09-11	49.7	7.771	900	0	1	38	0	0	900
12-14	54.3	8.817	900	0	0	131	3	0	900
15-17	55.0	9.185	900	0	0	156	7	0	900
18-20	50.5	8.694	900	0	0	59	1	0	900
21-23	45.5	7.564	900	0	7	11	0	0	900
ALL HOURS	47.3	9.636	7200	0	261	401	11	0	7200

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE32	GE 65	GE 80	GE 93	
00-02	60.3	6.520	868	0	0	239	0	0	868
03-05	56.7	5.984	899	0	0	85	0	0	899
06-08	61.9	6.880	930	0	0	330	2	0	930
09-11	71.2	8.523	930	0	0	721	162	0	930
12-14	76.9	9.363	930	0	0	823	391	28	930
15-17	78.5	9.669	930	0	0	838	488	51	930
18-20	74.3	9.135	902	0	0	759	288	6	902
21-23	65.7	7.499	873	0	0	500	18	0	873
ALL HOURS	68.3	11.118	7262	0	0	4295	1349	85	7262

MONTH: AUG

00-02	61.1	6.367	930	0	0	272	0	0	930
03-05	57.4	5.914	930	0	0	103	0	0	930
06-08	61.2	6.524	930	0	0	283	1	0	930
09-11	71.1	7.630	930	0	0	738	137	0	930
12-14	77.7	8.290	930	0	0	870	406	19	930
15-17	79.2	8.455	930	0	0	882	487	45	930
18-20	73.7	8.533	930	0	0	788	249	6	930
21-23	65.6	7.056	930	0	0	505	30	0	930
ALL HOURS	68.4	10.694	7440	0	0	4441	1310	70	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	32.8	8.928	900	6	376	0	0	0	900
03-05	32.2	9.046	900	9	417	0	0	0	900
06-08	32.0	9.133	900	9	424	0	0	0	900
09-11	34.8	9.375	900	4	313	0	0	0	900
12-14	37.9	9.612	900	1	217	0	0	0	900
15-17	37.4	9.479	900	1	216	0	0	0	900
18-20	34.7	9.109	900	5	305	0	0	0	900
21-23	33.3	9.069	900	7	352	0	0	0	900
ALL HOURS	34.4	9.419	7200	42	2620	0	0	0	7200

MONTH: DEC

00-02	26.0	9.646	930	13	695	0	0	0	930
03-05	25.5	9.710	930	17	708	0	0	0	930
06-08	25.4	9.519	930	15	716	0	0	0	930
09-11	27.1	9.357	930	8	650	0	0	0	930
12-14	29.3	9.039	930	3	579	0	0	0	930
15-17	28.8	8.975	930	2	594	0	0	0	930
18-20	27.4	9.382	930	5	638	0	0	0	930
21-23	26.6	9.599	930	9	677	0	0	0	930
ALL HOURS	27.0	9.530	7440	72	5257	0	0	0	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF GE 50	HOURS WITH GE 67	TEMPERATURES GE 73	DEG F GE 80	TOTAL HOURS
00-02	25.4	8.177	930	764	0	0	0	0	930
03-05	25.0	8.345	930	776	0	0	0	0	930
06-08	24.7	8.360	930	794	0	0	0	0	930
09-11	26.2	7.957	930	735	0	0	0	0	930
12-14	28.4	7.479	930	642	0	0	0	0	930
15-17	28.3	7.392	930	632	0	0	0	0	930
18-20	26.9	7.669	930	685	0	0	0	0	930
21-23	26.1	7.847	930	729	0	0	0	0	930
ALL HOURS	26.4	8.007	7440	5757	0	0	0	0	7440

MONTH: FEB

00-02	28.0	8.300	849	598	0	0	0	0	849
03-05	27.4	8.398	849	645	0	0	0	0	849
06-08	27.1	8.422	849	665	0	0	0	0	849
09-11	29.5	8.425	849	534	1	0	0	0	849
12-14	32.3	8.424	849	405	4	0	0	0	849
15-17	32.8	8.375	849	381	9	0	0	0	849
18-20	30.7	8.191	849	475	0	0	0	0	849
21-23	29.4	8.101	849	536	0	0	0	0	849
ALL HOURS	29.7	8.578	6792	4239	14	0	0	0	6792

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	43.4	6.079	907	32	141	0	0	0	907
03-05	41.9	6.189	914	58	96	0	0	0	914
06-08	45.0	6.071	922	13	209	0	0	0	922
09-11	48.8	6.190	924	0	392	3	0	0	924
12-14	50.4	6.230	924	0	499	2	0	0	924
15-17	50.4	6.165	919	0	483	0	0	0	919
18-20	48.5	6.234	912	0	379	0	0	0	912
21-23	45.6	6.080	905	11	247	0	0	0	905
ALL HOURS	46.8	6.867	7327	114	2446	5	0	0	7327

MONTH: JUN

00-02	49.4	5.452	840	0	416	0	0	0	840
03-05	48.1	5.513	870	2	364	0	0	0	870
06-08	51.4	5.410	900	0	542	0	0	0	900
09-11	54.8	5.325	900	0	727	1	0	0	900
12-14	56.1	5.295	900	0	789	13	0	0	900
15-17	56.2	5.030	900	0	813	12	0	0	900
18-20	54.9	5.248	871	0	710	8	0	0	871
21-23	51.8	5.285	840	0	530	0	0	0	840
ALL HOURS	52.9	6.032	7021	2	4891	34	0	0	7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	46.1	5.334	900	11	237	0	0	0	900
03-05	44.9	5.408	900	22	173	0	0	0	900
06-08	46.3	5.666	900	14	273	0	0	0	900
09-11	51.2	5.541	899	0	562	0	0	0	899
12-14	53.3	5.431	900	0	667	0	0	0	900
15-17	53.1	5.291	898	0	661	0	0	0	898
18-20	50.2	5.181	897	0	499	0	0	0	897
21-23	47.5	5.161	897	3	334	0	0	0	897
ALL HOURS	49.1	6.178	7191	50	3406	0	0	0	7191

MONTH: OCT

00-02	39.7	6.322	930	112	65	0	0	0	930
03-05	38.5	6.442	930	173	40	0	0	0	930
06-08	38.9	6.551	930	159	49	0	0	0	930
09-11	43.9	6.454	930	30	186	0	0	0	930
12-14	46.9	6.468	930	9	298	0	0	0	930
15-17	46.6	6.541	930	11	299	0	0	0	930
18-20	43.3	6.347	930	36	157	0	0	0	930
21-23	41.0	6.383	930	79	98	0	0	0	930
ALL HOURS	42.4	7.133	7440	609	1192	0	0	0	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER GE 50	OF HOURS GE 67	WITH GE 73	TEMPERATURES GE 80	DEG F	TOTAL HOURS
00-02	38.6	11.758	10814	3320	2164	0	0	0		10814
03-05	37.6	11.543	10882	3705	1805	0	0	0		10882
06-08	39.0	12.618	10951	3567	2623	0	0	0		10951
09-11	42.5	13.291	10951	2571	3814	36	0	0		10951
12-14	44.5	12.991	10953	2088	4353	90	1	0		10953
15-17	44.5	12.978	10946	2040	4362	74	0	0		10946
18-20	42.4	12.918	10881	2457	3664	40	0	0		10881
21-23	40.1	12.147	10814	2889	2806	3	0	0		10814
ALL HOURS	41.1	12.793	87192	22637	25591	243	1	0		87192

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	30.1	7.071	930	317	166	930	0	930
03-05	29.3	7.038	930	359	149	930	0	930
06-08	29.5	6.954	930	333	158	930	0	930
09-11	31.4	7.051	929	240	226	929	0	929
12-14	31.7	7.342	930	254	252	930	0	930
15-17	31.5	7.361	930	276	250	930	0	930
18-20	31.3	6.870	930	275	223	930	0	930
21-23	30.8	6.762	930	283	188	930	0	930
ALL HOURS	30.7	7.160	7439	2337	1612	7439	0	7439

MONTH: APR

00-02	32.2	7.508	900	264	269	900	0	900
03-05	31.5	7.353	900	301	231	900	0	900
06-08	32.9	7.197	900	227	271	899	0	900
09-11	34.5	7.501	900	167	346	896	0	900
12-14	33.9	8.103	900	202	351	900	0	900
15-17	33.0	8.358	900	232	317	900	0	900
18-20	33.5	7.949	900	202	334	900	0	900
21-23	33.0	7.715	900	235	298	900	0	900
ALL HOURS	33.1	7.797	7200	1830	2417	7195	0	7200

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.1	6.077	868	2	801	821	0	868
03-05	45.5	5.830	899	0	845	854	0	899
06-08	47.8	5.114	930	0	916	853	0	930
09-11	48.1	5.314	930	0	914	842	0	930
12-14	46.2	5.954	930	3	889	880	2	930
15-17	44.7	6.294	930	5	845	882	0	930
18-20	45.0	6.719	902	3	799	841	0	902
21-23	45.2	6.520	873	3	797	812	0	873
ALL HOURS	46.0	6.163	7262	16	6806	6785	2	7262

MONTH: AUG

00-02	43.7	6.617	930	6	814	888	0	930
03-05	44.4	6.117	930	3	829	900	0	930
06-08	46.5	5.515	930	1	904	891	0	930
09-11	47.0	5.203	930	0	916	883	0	930
12-14	44.8	5.638	930	0	866	896	0	930
15-17	43.1	6.087	930	2	816	900	0	930
18-20	43.0	6.381	930	7	804	895	0	930
21-23	43.1	6.532	930	10	797	894	0	930
ALL HOURS	44.5	6.236	7440	29	6746	7147	0	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	29.1	9.899	900	309	170	900	0	900
03-05	28.7	10.007	900	308	158	900	0	900
06-08	28.5	10.081	900	329	173	900	0	900
09-11	30.3	9.890	900	265	225	900	0	900
12-14	31.3	9.653	900	242	268	900	0	900
15-17	31.0	9.821	900	248	261	900	0	900
18-20	30.1	9.955	900	280	225	900	0	900
21-23	29.3	9.997	900	294	184	900	0	900
ALL HOURS	29.8	9.982	7200	2275	1664	7200	0	7200

MONTH: DEC

00-02	22.0	10.961	930	615	60	930	0	930
03-05	21.6	10.915	930	630	55	930	0	930
06-08	21.6	10.727	930	633	51	930	0	930
09-11	22.8	10.526	930	609	63	930	0	930
12-14	24.2	10.075	930	561	82	930	0	930
15-17	24.0	10.181	930	550	83	930	0	930
18-20	23.0	10.665	90	583	85	930	0	930
21-23	22.4	10.934	930	604	72	930	0	930
ALL HOURS	22.7	10.689	7440	4785	551	7440	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									TOTAL OBS	
	10%	20%	30%	40%	50%	60%	70%	80%	90%		MEAN
00-02	100.0	100.0	100.0	99.1	97.4	94.7	88.3	67.2	28.9	82.3	930
03-05	100.0	100.0	100.0	99.4	98.0	95.5	89.9	66.6	28.4	82.6	930
06-08	100.0	100.0	100.0	99.7	98.4	95.2	90.4	67.7	31.1	82.9	930
09-11	100.0	100.0	100.0	98.8	97.6	94.6	87.3	62.8	27.0	81.6	930
12-14	100.0	100.0	99.7	98.7	96.3	92.2	77.0	51.0	18.6	78.2	930
15-17	100.0	100.0	99.7	98.8	96.6	91.4	79.5	51.6	17.7	78.3	930
18-20	100.0	100.0	100.0	99.2	97.3	93.5	82.6	60.1	23.5	80.5	930
21-23	100.0	100.0	100.0	99.5	97.2	94.5	86.5	63.9	25.9	81.6	930
ALL HOURS	100.0	100.0	99.9	99.2	97.4	94.0	85.2	61.4	25.1	81.6	7440

MONTH: FEB

00-02	100.0	100.0	99.6	98.9	96.0	92.3	83.4	62.4	28.5	81.1	849
03-05	100.0	100.0	99.6	98.8	96.9	93.6	85.5	64.2	30.2	81.8	849
06-08	100.0	100.0	99.6	98.8	96.9	93.4	86.7	65.0	33.2	82.1	849
09-11	100.0	100.0	99.4	97.9	95.8	89.5	78.4	53.0	22.5	78.6	849
12-14	100.0	100.0	99.1	96.3	91.4	78.7	60.4	35.9	11.3	72.0	849
15-17	100.0	100.0	99.1	95.6	87.0	74.9	58.7	32.9	11.4	70.7	849
18-20	100.0	100.0	100.0	98.0	92.6	86.5	71.3	48.8	18.1	76.4	849
21-23	100.0	100.0	100.0	98.5	94.5	90.5	80.8	56.5	22.4	79.2	849
ALL HOURS	100.0	100.0	99.6	97.9	93.9	87.4	75.6	52.3	22.2	79.2	6792

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	98.0	90.4	74.0	52.6	31.4	8.7	70.1	907
03-05	100.0	100.0	99.9	99.5	96.3	87.1	68.2	45.0	12.7	75.7	914
06-08	100.0	100.0	99.8	98.5	91.0	76.4	54.7	29.9	9.2	70.6	922
09-11	100.0	100.0	97.0	84.1	62.7	38.4	21.0	11.7	3.5	56.3	924
12-14	100.0	98.8	86.3	59.5	37.2	21.9	12.0	6.9	1.2	46.8	924
15-17	100.0	96.7	78.8	54.0	33.2	19.4	11.6	5.3	1.0	44.5	919
18-20	100.0	99.1	90.8	69.8	49.8	33.4	21.3	10.6	2.7	52.4	912
21-23	100.0	100.0	99.9	93.6	76.2	55.0	35.7	20.0	6.4	63.2	905
ALL HOURS	100.0	99.3	94.0	82.1	67.0	50.6	34.6	20.1	5.7	63.2	7327

MONTH: JUN

00-02	100.0	100.0	100.0	97.5	88.1	69.6	47.1	28.7	8.5	68.4	840
03-05	100.0	100.0	100.0	99.7	95.9	86.9	66.9	41.1	11.5	74.9	870
06-08	100.0	100.0	100.0	98.6	90.2	70.9	45.7	26.6	8.0	68.5	900
09-11	100.0	100.0	96.9	80.1	53.9	33.0	19.0	10.1	3.6	54.1	900
12-14	100.0	99.0	81.6	52.8	31.0	19.3	12.4	7.4	1.3	44.9	900
15-17	100.0	96.7	72.0	42.6	26.3	17.6	9.4	4.4	.9	41.5	900
18-20	100.0	98.9	85.2	63.0	41.0	25.9	14.6	7.0	1.4	48.2	871
21-23	100.0	100.0	99.5	90.1	70.1	50.7	32.7	17.4	4.0	60.9	840
ALL HOURS	100.0	99.3	91.8	77.7	61.7	46.4	30.8	17.7	4.9	60.9	7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	98.9	92.7	76.1	53.8	33.2	20.6	8.7	63.0	900
03-05	100.0	100.0	99.9	97.8	90.4	72.2	50.1	29.9	11.6	69.8	900
06-08	100.0	100.0	100.0	97.4	89.2	70.6	50.9	30.4	11.6	69.6	900
09-11	100.0	99.9	95.3	76.0	51.1	31.9	16.1	7.9	2.7	52.6	899
12-14	100.0	95.6	73.9	42.4	23.1	12.3	7.3	4.1	1.6	40.5	900
15-17	100.0	89.4	61.5	33.5	19.6	12.1	8.2	5.0	2.0	37.7	898
18-20	100.0	98.6	81.8	54.4	35.7	22.2	14.6	8.1	2.8	46.3	897
21-23	100.0	100.0	95.9	80.4	53.2	36.8	21.6	13.6	4.6	55.2	897
ALL HOURS	100.0	97.9	88.4	71.8	54.8	39.0	25.3	15.0	5.7	55.2	7191

MONTH: OCT

00-02	100.0	99.8	99.5	97.5	87.1	75.8	57.3	36.5	16.1	71.5	930
03-05	100.0	100.0	100.0	98.7	91.8	82.8	69.4	47.5	21.5	75.8	930
06-08	100.0	100.0	100.0	99.4	94.0	83.2	70.6	51.4	22.5	77.1	930
09-11	100.0	100.0	98.8	89.4	76.3	60.2	41.0	23.7	10.9	64.9	930
12-14	100.0	99.2	89.5	69.1	50.4	33.1	19.1	11.1	4.4	52.3	930
15-17	100.0	98.3	85.3	65.2	48.8	31.2	19.4	10.8	3.7	50.8	930
18-20	100.0	99.7	96.1	84.0	67.6	51.9	32.9	19.6	8.1	60.7	930
21-23	100.0	99.7	98.9	92.2	80.9	65.5	46.1	27.7	12.6	67.2	930
ALL HOURS	100.0	99.6	96.0	86.9	74.6	60.5	44.5	28.5	12.5	67.2	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.6	96.2	87.0	75.0	59.5	41.4	17.6	72.4	10814
03-05	100.0	100.0	99.9	98.9	94.2	84.8	69.6	48.8	19.7	76.3	10882
06-08	100.0	100.0	99.9	98.2	91.8	80.0	64.7	44.9	19.3	74.6	10951
09-11	100.0	100.0	97.1	86.0	71.3	57.1	44.6	29.2	12.0	64.4	10951
12-14	100.0	98.2	86.3	68.7	54.6	43.4	32.5	20.6	7.5	55.8	10953
15-17	100.0	96.0	80.6	64.1	52.2	42.0	32.4	20.5	7.5	54.1	10946
18-20	100.0	98.7	89.2	75.8	63.1	52.5	41.2	28.0	10.7	60.6	10881
21-23	100.0	99.9	98.0	89.6	76.9	63.9	50.9	34.9	14.1	67.5	10814
ALL HOURS	100.0	99.1	93.8	84.7	73.9	62.3	49.4	33.5	13.5	65.7	87192

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

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.08	30.03	29.94	29.97	29.95	29.96	29.99	29.98	30.01	30.06	30.00	30.07	30.00
	SD	.281	.263	.221	.193	.147	.126	.108	.112	.167	.197	.264	.280	.211
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	30.08	30.03	29.94	29.97	29.96	29.98	30.00	29.99	30.02	30.06	30.00	30.07	30.01
	SD	.281	.265	.226	.196	.148	.127	.108	.111	.168	.201	.268	.277	.212
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	30.08	30.04	29.95	29.99	29.98	30.00	30.03	30.02	30.04	30.07	30.01	30.07	30.02
	SD	.281	.267	.229	.199	.150	.131	.111	.111	.172	.203	.272	.272	.212
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	30.11	30.06	29.97	30.00	29.99	30.00	30.04	30.03	30.05	30.09	30.03	30.10	30.04
	SD	.278	.265	.232	.198	.148	.130	.111	.110	.172	.202	.275	.271	.213
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	30.08	30.04	29.95	29.98	29.97	29.99	30.02	30.00	30.02	30.06	30.01	30.07	30.01
	SD	.274	.261	.226	.196	.144	.127	.108	.107	.168	.196	.272	.268	.209
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	30.07	30.03	29.93	29.95	29.94	29.96	29.98	29.97	30.00	30.04	30.00	30.07	29.99
	SD	.268	.257	.220	.189	.141	.126	.107	.107	.164	.191	.267	.271	.207
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
1900	MEAN	30.07	30.03	29.93	29.94	29.93	29.95	29.97	29.95	29.99	30.04	30.00	30.07	29.99
	SD	.268	.256	.215	.187	.142	.125	.105	.107	.165	.192	.265	.279	.208
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
2200	MEAN	30.08	30.03	29.94	29.96	29.95	29.96	29.99	29.97	30.01	30.05	30.01	30.08	30.00
	SD	.274	.259	.216	.188	.147	.124	.106	.111	.168	.194	.265	.281	.209
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
ALL HOURS	MEAN	30.08	30.04	29.94	29.97	29.96	29.97	30.00	29.99	30.02	30.06	30.01	30.08	30.01
	SD	.276	.262	.224	.194	.147	.128	.110	.112	.169	.198	.269	.275	.211
	TOT OBS	2480	2264	2480	2400	2480	2400	2480	2480	2480	2397	2480	2400	29221

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: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.8	.1		849	1.3	.1		849	1.8	.4		849	1.9	.5		849
CATEGORY B	1.6	.3	.1	940	1.6	.2	.1	944	2.2	.4		1017	2.6	.5		989

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	1.4	.2		849	.7			849	.7			849	.7			849
CATEGORY B	1.8	.4		966	1.4	.1		930	1.3	.1		935	1.6	.2		931

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	1.3	.2		4245	1.2	.2		6792
CATEGORY B	1.9	.3		4837	1.8	.3	.0	7652

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.1			900	.1			900	.1	.1		900	1.7	.1		900
CATEGORY B	.1			923	.3			946	.3	.1	.1	943	3.6	.6		944

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	1.7	.1		900	2.7	.3		900	1.6			900	.7	.1		900
CATEGORY B	5.5	1.1	.1	981	5.4	1.5	.2	971	2.5	.8		944	1.4	.4		929

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	1.5	.1		4500	1.1	.1		7200
CATEGORY B	3.5	.9	.1	4783	2.4	.6	.1	7581

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.2			840	.1			870				900	.4	.1		900
CATEGORY B	.8			882	.4			909	.3			931	1.4	.4	.1	936

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.9	.4		900	1.2	.2		900	.7	.2		871	.6	.2		840
CATEGORY B	2.8	1.1	.3	934	4.0	1.1	.1	933	1.1	.7		900	.7	.3		865

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	.6	.2		4471	.5	.2		7021
CATEGORY B	1.9	.6	.1	4634	1.5	.5	.1	7290

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				930				930				930	.9			930
CATEGORY B	.1			947	.1			959	.1			972	1.4	.3		968

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0			930	.5	.1		930	.2			930	.1			930
CATEGORY B	2.7	.4		961	2.2	.5		959	.7	.3		947	.3	.1		947

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.5	.0		4650	.3	.0		7440
CATEGORY B	1.4	.3		4807	1.0	.2		7660

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3	.1		930	.4			930	.3			930	.6			930
CATEGORY B	.4	.3		953	.5	.2		960	.7			976	1.8	.1		965

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			930	.8			930	.3	.1		930	.1			930
CATEGORY B	2.3	.4		943	1.7	.6		939	.4	.2		940	.3	.1		950

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6	.0		4650	.5	.0		7440
CATEGORY B	1.4	.3		4763	1.0	.2		7626

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.4	.2	930		1.7	.1	930		1.8	.2	930		1.8	.4	930	
CATEGORY B	3.1	.9	1045		2.9	.7	1076		2.7	.9	1167		2.7	1.1	.1	1134

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.1	930		.9	.3	930		1.6	.2	930		1.7	.3	930	
CATEGORY B	3.2	.7	1101		1.4	.4	.1	1065	2.5	.7	1049		2.9	.6	1057	

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.3		4650	1.7	.2		7440
CATEGORY B	2.5	.8	.0	5516	2.7	.7	.0	8694

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

1971	998	854	914	589	275	228	71	23	290	552	849	1208	6851
1972	1295	997	734	719	308	159	47	22	337	541	807	1231	7197
1973	1190	872	768	548	297	165	27	55	188	511	921	917	6459
1974	1242	871	839	559	462	128	61	20	99	541	879	1003	6704
1975	1195	1042	926	693	414	195	15	40	106	537	877	995	7035

1976	1049	918	900	582	337	187	16	81	87	537	847	1064	6605
1977	1299	825	838	447	411	48	34	52	254	561	935	1164	6868
1978	1117	867	701	589	417	104	35	96	264	499	1026	1311	7026
1979	1581	995	741	583	306	148	47	4	90	456	1026	937	6914
1980	1356	924	876	476	318	207	39	116	203	509	815	955	6794

1981	993	872	719	544	377	243	63	2	175	536	783	1094	6401
1982	1220	914	784	651	351	88	85	14	184	577	959	1172	6999
1983	946	789	739	543	****	****	****	9	248	491	756	1421	5942
1984	1093	880	743	644	491	196	18	32	279	618	850	1313	7157
1985	1307	1127	880	464	290	153		55	324	588	1316	1391	7895

1986	1066	914	662	562	355	74	99	5	301	426	878	1127	6469
1987	1148	793	688	404	245	87	53	62	124	428	786	1176	5994
1988	1223	864	764	462	319	165	44	15	224	311	814	1074	6279
1989	1024	1097	823	447	347	58	16	56	68				3936

MEAN	1192	915	822	563	333	144	36	44	193	518	877	1112	
SD	186.81	111.10	86.91	79.13	85.16	51.19	25.69	32.85	79.46	79.50	111.22	129.15	

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	1188	909	842	577	340	147	35	51	186	518	875	1084	
SD	164.33	112.37	84.63	75.59	84.87	50.24	24.17	35.01	83.95	72.21	95.29	115.22	

1971			10	16	222	288	4	1	541
1972			17	29	116	172	5		339
1973			21	55	215	154	37		482
1974				90	135	158	23		406
1975					279	94	20		393
1976				26	158	74	28		286
1977		12	1	109	155	279	1		557
1978				44	165	131	8		348
1979			1	66	220	161	42		490
1980			4	3	118	36	4	1	166
1981				14	118	260	83		475
1982			2	108	127	173	32		442
1983			****	****	****	191			191
1984			1	29	168	151	17		366
1985			10	33	320	72			435
1986			66	103	53	249	6		477
1987		8	28	99	99	86	56	2	378
1988		2	13	63	171	139	78	3	469
1989				64	189	105	39		397

MEAN		0	10	49	174	148	32	0	
SD		2.21	17.22	39.59	58.47	69.86	27.31	.58	

****SPL 30YR SUMMATION (1951 -1980)****

MEAN		0	8	47	180	147	31	0	
SD		2.25	16.07	43.15	55.68	74.07	28.39	.31	

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	47.8	32.2	17.6	4.3	4.4	2.9	1.2	1.2	5.0	6.7	34.4	54.9	17.7	10
	03 - 05	49.9	38.8	23.2	6.2	10.6	5.1	2.2	1.8	6.0	10.1	41.7	59.4	21.2	10
CIG	06 - 08	50.9	41.8	27.2	10.2	11.2	6.6	2.5	3.8	9.7	16.7	49.6	59.6	24.1	10
LT 3000 FT	09 - 11	47.1	40.3	26.6	10.2	12.2	6.8	2.7	3.2	6.4	13.4	44.3	55.4	22.4	10
AND/OR	12 - 14	42.3	35.3	19.9	8.0	8.4	5.7	1.4	1.1	5.1	7.8	36.4	48.2	18.3	10
VSBY	15 - 17	38.2	26.4	11.3	4.7	4.2	3.3	.9	.4	3.3	4.0	31.1	47.1	14.6	10
LT 3 MI	18 - 20	40.5	23.7	8.6	3.8	3.3	2.4	1.0	.2	2.7	2.9	27.6	50.0	13.9	10
	21 - 23	43.9	27.2	10.3	4.0	2.6	2.6	.8	.6	3.0	4.6	30.1	51.8	15.1	10
	ALL	45.1	33.2	18.1	6.4	7.1	4.4	1.6	1.5	5.2	8.3	36.9	53.3	18.4	10
	00 - 02	41.6	25.9	12.8	2.9	3.9	2.5	1.2	.9	4.0	5.9	29.0	50.1	15.1	10
	03 - 05	43.9	31.4	19.4	5.4	8.8	4.0	1.9	1.4	5.3	8.9	38.0	53.8	18.5	10
CIG	06 - 08	46.0	34.9	24.1	8.9	9.4	5.4	2.3	3.0	8.8	14.9	45.4	53.5	21.4	10
LT 1500 FT	09 - 11	41.9	32.4	19.7	4.8	8.0	3.8	1.2	2.0	4.6	11.0	39.0	50.6	18.2	10
AND/OR	12 - 14	36.6	26.5	9.6	2.3	3.4	2.6	.3	.5	2.9	4	27.8	43.3	13.3	10
VSBY	15 - 17	32.6	17.3	6.0	1.7	1.8	1.7	.4	.1	2.6		22.8	41.9	10.9	10
LT 3 MI	18 - 20	34.7	16.7	5.5	2.3	1.7	1.3	.8	.1	1.9		22.1	44.4	11.1	10
	21 - 23	38.7	21.2	8.6	2.6	1.8	1.8	.5	.5	2.0			47.2	12.9	10
	ALL	39.5	25.8	13.2	3.9	4.9	2.9	1.1	1.1	4.0	6	2	48.1	15.2	10
	00 - 02	37.7	23.2	11.2	2.6	3.4	2.3	.5	.6	2.9	4.9	26.4	45.7	13.4	10
	03 - 05	40.1	28.0	15.6	4.3	6.9	2.8	1.1	1.3	4.7	7.5	34.6	48.3	16.3	10
CIG	06 - 08	42.2	31.0	21.5	6.9	7.3	3.6	1.3	2.7	7.2	13.5	40.6	50.1	19.0	10
LT 1000 FT	09 - 11	37.4	28.6	14.7	2.4	3.7	1.6	.2	1.0	3.2	8.8	32.9	45.5	15.0	10
AND/OR	12 - 14	29.8	19.6	6.1	1.0	1.5	.7	.0	.2	1.2	1.9	18.6	37.3	9.8	10
VSBY	15 - 17	27.3	12.2	3.5	.4	.9	1.2	.0	.0	1.4	.9	15.9	34.8	8.2	10
LT 2 MI	18 - 20	31.4	12.7	4.6	1.2	1.2	.9	.1	.1	1.2	1.1	17.8	37.6	9.2	10
	21 - 23	34.7	17.3	7.3	2.0	1.4	1.4	.2	.3	1.8	3.9	22.2	41.8	11.2	10
	ALL	35.1	21.6	10.6	2.6	3.3	1.8	.4	.8	3.0	5.3	26.1	42.6	12.8	10
	00 - 02	12.2	6.9	2.4	.4	.1	.0	.0	.0	.7	2.3	8.1	15.3	4.0	10
	03 - 05	13.4	7.5	3.5	.6	1.2	.6	.0	.3	.9	3.1	11.1	17.7	5.0	10
CIG	06 - 08	15.1	9.7	4.9	.9	.5	.2	.2	.4	1.4	6.0	12.2	15.5	5.6	10
LT 200 FT	09 - 11	9.1	4.6	.6	.0	.0	.0	.0	.0	.1	2.2	6.0	10.4	2.7	10
AND/OR	12 - 14	6.3	1.1	.1	.0	.1	.0	.0	.0	.1	.0	1.3	4.8	1.1	10
VSBY	15 - 17	5.5	.8	.1	.0	.2	.0	.0	.0	.0	.0	1.0	6.3	1.2	10
LT 1/2 MI	18 - 20	7.8	2.2	.1	.0	.0	.0	.0	.0	.1	.0	2.7	8.3	1.8	10
	21 - 23	9.7	4.8	.5	.1	.0	.0	.0	.0	.2	1.2	5.3	11.9	2.8	10
	ALL	9.9	4.7	1.5	.2	.3	.1	.0	.1	.4	1.8	6.0	11.3	3.1	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS :															

STATION NO. ON SUMMARY 727855	STATION NAME FAIRCHILD AFB/SPOKANE, WA	LATITUDE N 47 37	LONGITUDE W 117 39	FLD ELEV (FT) 2462	CALL SIGN SKA	WMO NMBR 72785
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STATION LOCATION AND INSTRUMENTATION HISTORY

Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Spokane Air Force Base	AFB	Jun 49	Feb 53	N 47 37	W 117 39	2430	2433	24
2	Fairchild AFB	Same	Mar 53	Mar 54	Same	Same	2459	Same	24
3	Same	Same	Apr 54	Mar 58	Same	Same	2449	Same	24
4	Same	Same	Apr 58	Feb 59	Same	Same	2472	Same	24
5	Same	Same	Mar 59	Mar 67	Same	Same	2462	2437	24
6	Same	Same	Apr 67	May 69	N 47 38	Same	Same	Same	24
7	Same	Same	May 79	Jan 88	N 47 37	Same	Same	Same	24

NOTE: WEATHER MODIFICATION CONDUCTED (WINTER 65-66, 67-68, WINTERS 69-73) REF AWSTR-74-24

Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION						REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND			

1	Jun 49	3 N/A	3 Selsyn	3 N/A	3 N/A	3	
2	Mar 53	3 Located on top of control tower	3 Same	3 ML-144C	3 85 ft	3	
3	Mar 54	3 Same	3 Same	3 ML-1444D	3 Same	3	
4	Apr 55	3 Located on roof of tower	3 Same	3 ML-144	3 96 ft	3	
5	Aug 57	3 Same	3 Same	3 Same	3 110 ft	3	
6	Apr 58	3 Opposite touchdown rnwy 23	3 GMQ-11	3 RO-2	3 13 ft	3	
7	Mar 59	3 Located 700 ft from rnwy 05-23	3 Same	3 Same	3 15 ft	3	
8	Mar 60	3 Located 800 ft from rnwy 05-23	3 Same	3 Same	3 Same	3	
9	Apr 61	3 850' cntr & 1500' fm TD rnwy 23	3 Same	3 Same	3 Same	3	
10	Apr 62	3 Same	3 Same	3 Same	3 11 ft	3	
11	Apr 63	3 1. 850' from ctr of rnwy and 1500' from touchdown rnwy 23 2. 500' from ctr of rnwy and 1000' from touchdown rnwy 05	3 Same	3 Same	3 Same	3	
12	Nov 66	3 1. 800' from ctr and 1800' SE of end of rnwy 23 2. 500' from ctr and 1250' NE of rnwy 05	3 Same	3 Same	3 13 ft	3	
13	Jan 70	3 1. 1000' from ctr and 2200' SE of end of rnwy 23 2. 500' from ctr of rnwy and 1300' NE of rnwy 05	3 GMQ-20	3 RO-362	3 13 ft	3	
14	Jan 88	3 1. Same 2. Same	3 Same 3 Same	3 Same 3 Same	3 13 ft 3 23 ft	3	

PPPPPPP	AAAAAA	RRRRRRR	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	RRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAA	RRRRRRR	TT	AAAAAAAA
PP	AAAAAAAA	RR RR	TT	AAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

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

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		12.3		3.5		15.8	8.0				23.8	930
03-05		12.0		4.4		16.5	13.7				30.1	930
06-08		13.2	.1	4.3		17.6	21.6				39.2	930
09-11		10.4		4.0		14.4	13.8	.3			28.5	930
12-14		12.0		4.7		16.8	4.7	.1		.1	21.7	930
15-17	.1	12.4		3.0		15.4	4.0	.1		.2	19.7	930
18-20		10.1		1.8		11.9	3.5	.3		.2	16.0	930
21-23		9.7		2.8		12.5	4.2	.1			16.8	930
ALL HOURS	.0	11.5	.0	3.6		15.1	9.2	.1		.1	24.5	7440

MONTH: APR

00-02		5.6		.6		6.1	1.2				7.3	900
03-05	.1	6.9		.8		7.7	2.4				10.1	900
06-08		7.3		1.0		8.3	7.4				15.8	900
09-11		8.1		1.3		9.4	1.7	.1		.1	11.3	900
12-14		8.6		1.7		10.2	1.3	.3		.6	12.4	900
15-17	.3	9.9		1.8		11.7	1.4	.2		.4	13.8	900
18-20	.7	7.8		.3		8.1	1.3	.1		.1	9.7	900
21-23		7.4		.4		7.9	1.3				9.2	900
ALL HOURS	.1	7.7		1.0		8.7	2.3	.1		.2	11.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	.2	4.0				4.0	.2			.1	4.4	868
03-05	.3	3.3				3.3	.3			.3	4.0	899
06-08	.9	4.9			.1	5.1	.4			.3	5.8	930
09-11	.2	3.9				3.9	.1			.3	4.3	930
12-14	.1	3.5				3.5	.1			.4	4.1	930
15-17	.1	4.5				4.5	.3			.3	5.2	930
18-20	1.3	5.1				5.1	.3			.6	6.0	902
21-23	1.1	5.3				5.3	.5			.1	5.8	873
ALL HOURS	.5	4.3			.0	4.3	.3			.3	4.9	7262

MONTH: AUG

00-02	.3	2.2				2.2	1.1				3.2	930
03-05	.4	2.0				2.0	1.3			.3	3.7	930
06-08	.1	2.8				2.8	1.6	.2			4.6	930
09-11	.1	2.5				2.5	1.0	.2		.3	4.0	930
12-14	.2	2.5				2.5	.9			.5	3.9	930
15-17	.9	2.8				2.8	.1	.1		.6	3.7	930
18-20	.6	2.5				2.5		.2		1.0	3.7	930
21-23	.6	2.5				2.5	.3	.1			2.9	930
ALL HOURS	.4	2.5				2.5	.8	.1		.3	3.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		10.8	.3	8.3		19.4	23.8	.9	.6		44.7	900
03-05		11.2	.1	8.1		19.4	31.1	.4	.3		51.3	900
06-08	.1	12.1		10.4		22.6	40.0	.1	.3		63.0	900
09-11		11.2	.4	9.3		21.0	35.0	.7	.1		56.8	900
12-14		12.0	.2	8.7		20.9	20.7	1.3		.1	43.0	900
15-17		12.6	.4	7.8		20.8	17.6	1.1		.2	39.7	900
18-20		9.7	.4	6.8		16.9	15.9	.7			33.4	900
21-23		11.3	.4	6.7		18.4	20.1	.8	.2		39.6	900
ALL HOURS	.0	11.4	.3	8.3		19.9	25.5	.8	.2	.0	46.4	7200

MONTH: DEC

00-02		7.2	3.3	13.8		24.3	46.6	.2	.3		71.4	930
03-05		7.5	3.3	15.8		26.7	47.1		1.3		75.1	930
06-08		6.7	3.2	19.0		28.9	48.9		.6		78.5	930
09-11		7.3	1.1	24.3		32.7	51.3	.1	.1		84.2	930
12-14		6.8	.2	19.1		26.1	41.9	.6	.2		68.9	930
15-17		8.1	.5	15.7		24.3	38.7	1.5	.4		64.9	930
18-20		8.4	2.0	17.0		27.4	39.1	.9	.2		67.6	930
21-23		8.4	2.3	15.5		26.1	42.4	.4			68.9	930
ALL HOURS		7.5	2.0	17.5		27.1	44.5	.5	.4		72.4	7440

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4901-8909
MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		31.8	9.0	57.4		70.8	65.9	5.5	3.9		83.5	1271
FEB	.3	36.4	3.6	43.4	.3	62.1	53.5	7.2	3.2		75.1	1158
MAR	1.4	39.8	.7	32.2	1.1	55.4	30.4	3.5	.8	.1	62.4	1271
APR	2.9	42.1		16.1	1.2	47.5	13.8	1.4		.2	50.9	1229
MAY	4.7	43.9	.1	3.9	1.6	44.3	11.4	.3		.4	47.3	1270
JUN	9.6	39.9		.3	1.1	40.0	7.3	.4		.3	41.7	1230
JUL	7.5	23.1		.1	.4	23.1	2.4	.3		.3	24.1	1270
AUG	8.0	25.7			.6	25.7	4.2	1.3		.1	27.5	1270
SEP	2.9	29.2		.3	.6	29.2	8.9	3.3		.5	35.0	1228
OCT	.7	36.2	.1	4.6	.4	37.1	29.6	8.7	.2		53.7	1240
NOV	.3	44.1	2.8	30.1	.3	60.0	59.8	8.8	1.2		79.4	1200
DEC		36.9	9.0	54.8	.1	71.9	69.4	4.4	3.1		85.6	1240
ANNUAL	3.2	35.7	2.1	20.1	.6	47.1	29.5	3.7	1.0	.2	55.3	14877

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS
TSTMS							
LIQUID PRECIP	15.1		1.3	29.7	36.9	17.0	458
FREEZING PRECIP	22.3		1.1	42.6	16.0	18.1	94
FROZEN PRECIP	21.5		4.6	41.6	18.3	14.0	997
FOG	29.3		3.5	36.6	16.3	14.3	2546
FOG WITH VIS GE 1/2 MILES	27.3		3.6	35.6	18.1	15.3	1846
TOTAL OBS	1657	0	317	2714	1332	1420	0 7440

MONTH: FEB HOURS: ALL

TSTMS							
LIQUID PRECIP	10.6		1.4	22.9	46.4	18.6	489
FREEZING PRECIP	36.4			54.5	4.5	4.5	22
FROZEN PRECIP	10.4		3.0	51.6	24.8	10.2	694
FOG	20.6		2.4	36.8	20.6	19.5	1356
FOG WITH VIS GE 1/2 MILES	17.3		2.5	36.5	23.0	20.6	1059
TOTAL OBS	1155	0	310	2541	1397	1389	0 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS	
TSTMS	6.3		18.8	6.3	37.5	31.3	16	
LIQUID PRECIP	7.5		6.7	10.9	29.5	45.3	623	
FREEZING PRECIP								
FROZEN PRECIP			20.0		46.7	33.3	15	
FOG	17.2			22.5	27.2	33.1	151	
FOG WITH VIS GE 1/2 MILES	16.4			16.4	29.9	37.3	134	
TOTAL OBS	1135	0	467	1403	1813	2577	0	7395

MONTH: JUN HOURS: ALL

TSTMS	7.9		15.8	21.1	28.9	26.3	38	
LIQUID PRECIP	10.0		8.7	8.2	30.3	42.9	462	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	19.8		6.3	18.8	31.3	24.0	96	
FOG WITH VIS GE 1/2 MILES	20.2		6.7	13.5	33.7	25.8	89	
TOTAL OBS	1190	0	494	1094	1866	2377	0	7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS	
TSTMS	14.3		28.6	14.3	28.6	14.3	7	
LIQUID PRECIP	8.8		6.6	27.9	24.4	32.4	377	
FREEZING PRECIP								
FROZEN PRECIP								
FOG	30.9		7.4	32.4	12.5	16.9	136	
FOG WITH VIS GE 1/2 MILES	23.4		5.6	35.5	15.9	19.6	107	
TOTAL OBS	1287	0	506	2321	1139	1939	0	7192

MONTH: OCT HOURS: ALL

TSTMS	50.0		50.0				2	
LIQUID PRECIP	9.1		7.0	22.8	37.3	23.8	429	
FREEZING PRECIP								
FROZEN PRECIP	24.4		2.4	29.3	19.5	24.4	41	
FOG	30.9		2.5	46.5	13.8	6.4	486	
FOG WITH VIS GE 1/2 MILES	28.2		2.8	44.5	16.1	8.5	355	
TOTAL OBS	1708	0	501	2424	1303	1504	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

PHENOMENA	CALM	VARIABLE	271 - 010	011 - 120	121 - 200	201 - 270	NO OF OBS	
TSTMS	6.2		17.8	15.1	29.5	31.5	146	
LIQUID PRECIP	9.7		4.5	17.7	39.8	28.2	6092	
FREEZING PRECIP	27.1		2.8	41.7	12.2	16.3	288	
FROZEN PRECIP	18.3		5.1	41.6	21.8	13.3	4010	
FOG	27.5		4.0	36.6	17.1	14.9	10829	
FOG WITH VIS GE 1/2 MILES	24.8		4.2	35.5	19.0	16.5	8325	
TOTAL OBS	16311	0	5403	24307	18505	22736	0	87262

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
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	RRRRRRR	TT	BBBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBB

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

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

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

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

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

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

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

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43											TRACE*		TRACE*
44	.00*	*	TRACE*	2.09	.98	.99	.02	.03	.40	.35	1.90	.99	7.75*
45	1.25	1.38	3.40	.83	2.47	.80	TRACE	.51	2.16	.71	2.82	4.28	20.61
46	1.26	2.02	2.24	.90	.89	1.10	.05	.02	1.64	1.19	2.73	.58	14.62
47	.59	.19	.68	.79	.28	.63	.18	.27	.44	6.47	2.76	1.49	14.77
48	1.75	2.97	.32	1.56	5.95	1.41	.26	.01	.21	.05	.28	2.57	17.34
49	.76	3.06	3.64	.09	.39	.01	TRACE	TRACE	1.19	1.00	1.68	.91	12.73
50	3.51	1.58	1.52	.52	.43	1.86	.31	.45	TRACE	2.45	.93	1.25	14.81
51	1.89	.48	.89	.27	.50	.53	.43	.32	.40	2.47	1.22	3.27	12.67
52	3.37	1.14	.81	.27	.74	1.32	.11	.55	.48	.11	.80	3.07	12.77
53	4.03	.75	.92	1.23	1.91	.76	TRACE	1.78	.52	.20	1.98	2.17	16.25
54	4.51	1.07	1.37	.23	.65	.47	.60	1.34	1.62	.57	1.22	1.20	14.85
55	1.19	1.31	.57	1.19	.32	.60	.72	TRACE	.87	1.70	3.15	2.33	13.95
56	2.71	1.76	.95	.03	.28	.62	.31	.93	.14	1.51	.28	.71	10.23
57	1.68	.61	1.08	.35	1.38	1.85	.06	.03	.70	1.77	.76	1.23	11.50
58	1.78	2.76	.95	1.66	.73	.84	.35	.06	.33	.76	3.35	1.69	15.26
59	4.02	1.73	.83	.56	1.82	.40	TRACE	1.26	1.40	1.20	2.42	1.09	16.73
60	.87	1.46	2.15	1.51	2.11	.17	TRACE	.79	.88	1.08	4.00	1.22	16.24
61	1.78	3.56	1.53	.99	1.37	.98	.37	.47	.14	1.13	1.48	2.17	15.97
62	.98	1.53	2.06	1.07	2.02	.65	.49	.78	1.01	1.68	2.52	1.36	16.15
63	.62	1.67	.80	1.11	.96	1.06	.26	.57	.91	1.08	2.68	2.23	13.95
64	2.26	.78	1.35	.32	.13	2.49	.59	1.37	.64	.32	2.23	4.55	17.03
65	2.53	.75	.12	2.25	1.53	.44	.90	2.92	.31	.08	2.64	1.63	16.10
66	1.58	.36	2.64	.36	.34	.90	1.05	.23	.56	.47	3.27	3.28	15.04
67	2.63	.44	1.67	1.87	1.43	2.00	.08	TRACE	.61	1.78	.91	1.78	15.20
68	1.46	2.54	.99	.08	.90	1.11	.31	1.84	1.01	2.80	3.19	3.06	19.29
69	5.26	1.42	.52	3.12	.85	1.35	.08	.00	.77	.57	.62	3.13	17.69
70	4.47	1.98	1.07	1.61	.97	1.78	1.02	.03	.55	2.84	2.08	2.08	20.48
71	1.98	.97	2.29	1.57	1.64	1.62	.46	.48	1.31	1.22	1.92	3.07	18.53
72	2.05	1.13	1.31	1.23	1.99	1.45	.45	1.44	.72	.25	1.08	2.34	15.44
73	2.19	.55	1.09	.85	1.53	.59	TRACE	.35	1.42	1.40	6.52	4.56	21.05
74	4.07	1.84	2.74	.72	1.17	.31	1.19	.03	.15	.08	2.99	2.35	17.64
75	2.20	3.06	1.47	1.65	1.17	1.45	2.29	.60	.05	1.98	1.57	1.58	19.07

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43											TRACE*		TRACE*
44	.00*	*	TRACE*	.58	.46	.52	.02	.02	.13	.15	.70	.33	.70*
45	.28	.37	.63	.38	.68	.35	TRACE	.26	.57	.34	.49	1.08	1.08
46	.35	.53	.53	.33	.48	.34	.05	.02	.90	.75	.96	.54	.96
47	.18	.14	.25	.20	.15	.25	.10	.15	.21	.82	.81	.36	.82
48	.47	1.20	.16	.52	1.68	.34	.12	.01	.12	.02	.10	.76	1.68
49	.50	1.01	1.75	.09	.24	.01	TRACE	TRACE	.53	.30	.36	.30	1.75
50	.79	.75	.30	.37	.30	.80	.25	.45	TRACE	.57	.21	.28	.80
51	.28	.12	.35	.18	.17	.22	.15	.27	.20	.69	.42	1.02	1.02
52	.55	.21	.30	.16	.35	.55	.11	.55	.20	.06	.46	.69	.69
53	.83	.29	.20	.59	1.11	.20	TRACE	.59	.32	.10	.74	.76	1.11
54	.80	.38	.82	.06	.24	.20	.35	.44	.48	.46	.31	.34	.82
55	.25	.67	.20	.41	.15	.39	.17	TRACE	.38	.68	.79	.49	.79
56	.48	.34	.24	.02	.14	.25	.24	.34	.11	.76	.12	.18	.76
57	.30	.21	.21	.14	.46	1.00	.04	.01	.52	.55	.16	.40	1.00
58	.44	.69	.26	.46	.30	.46	.17	.06	.17	.28	.80	.50	.80
59	.66	.36	.40	.19	.51	.32	TRACE	1.05	.41	.32	.77	.40	1.05
60	.20	.46	.60	.36	1.13	.15	TRACE	.45	.58	.35	.95	.61	1.13
61	.61	.69	.34	.36	.57	.40	.37	.23	.08	.45	.42	.55	.69
62	.48	.44	.51	.85	.32	.42	.32	.35	.81	.55	.41	.40	.85
63	.52	.49	.29	.20	.43	.82	.18	.17	.51	.61	1.12	.55	1.12
64	.37	.31	.53	.20	.11	1.41	.47	.53	.44	.22	.44	1.15	1.41
65	.44	.34	.06	1.13	.44	.38	.67	1.36	.08	.03	.52	.38	1.36
66	.64	.08	.76	.26	.09	.31	.57	.08	.55	.18	.86	.70	.86
67	.65	.13	.67	.36	.47	.70	.08	TRACE	.48	.49	.26	.32	.70
68	.37	.56	.84	.03	.40	.50	.26	.57	.29	.73	1.23	.59	1.23
69	.72	.58	.28	.61	.31	.70	.05	.00	.25	.21	.46	.64	.72
70	.79	.86	.32	.42	.45	.94	.42	.03	.47	.96	.46	.41	.96
71	.64	.29	.71	.70	.49	.54	.30	.18	.30	.69	.32	.96	.96
72	.35	.24	.35	.37	.98	.32	.29	.48	.44	.11	.47	.56	.98
73	.55	.22	.40	.66	.79	.17	TRACE	.22	.85	.30	.93	.62	.93
74	.97	.46	.78	.18	.29	.14	.60	.02	.15	.05	.80	.42	.97
75	.46	.66	.33	.52	.51	.50	1.06	.27	.05	.78	.33	.51	1.06

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

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

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	44.0	57.1	68.0	83.6	96.2	99.7	99.9	100.0	99.7	95.4	69.2	44.6	79.9
TRACE	24.4	22.4	20.5	13.7	3.4	.3	.1		.3	3.4	16.7	27.2	11.0
0.1-0.4	10.1	6.5	4.4	1.4	.1					.4	3.8	6.6	2.8
0.5-1.4	9.6	8.0	5.1	1.1	.2					.7	5.3	10.1	3.3
1.5-2.4	5.0	3.2	1.3	.2							2.3	5.3	1.4
2.5-3.4	2.9	1.4	.4	.1						.1	1.0	2.9	.7
3.5-4.4	2.1	.5	.2								.9	1.4	.4
4.5-6.4	1.3	.5	.1							.1	.6	1.6	.3
6.5-10.4	.5	.2									.2	.2	.1
10.5-15.4												.1	.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	31.6	20.4	11.4	2.7	.4					1.2	14.1	28.2	9.1
TOTAL NO. OF OBSERVATIONS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1333	1290	1333	15979

OPERATING LOCATION 'A'
SAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	3.6	2.5	TRACE	TRACE	.4	TRACE	.0	.0	TRACE	.0	1.3	13.9	21.7
82	28.3	2.2	TRACE	3.2	TRACE	.0	.0	.0	.0	TRACE	3.1	16.2	53.0
83	7.3	6.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	TRACE	4.0	18.9	36.2
84	4.9	8.6	.5	.7	.5	.0	.0	.0	.0	TRACE	11.1	18.3	44.6
85	4.0	12.2	5.7	TRACE	TRACE	.0	.0	.0	.0	.5	24.9	6.8	54.1
86	15.7	15.3	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	3.1	7.6	41.7
87	14.5	1.2	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	7.0	19.0	41.7
88	9.6	1.0	3.1	TRACE	TRACE	.0	.0	.0	.0	.0	11.2	11.2	36.1
89	10.2	14.4	4.3	.1	TRACE	.0	.0	.0	.0	.0			29.0*
LEAST	3.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	.5	20.2
GREATEST	50.7	31.6	11.4	6.3	1.3	TRACE	TRACE	.0	TRACE	5.0	25.2	36.6	93.3
MEAN	14.8	7.0	3.1	.6	.1	TRACE	TRACE	.0	TRACE	.4	6.3	13.8	46.0
MEDIAN	11.9	6.0	2.7	.1	TRACE	.0	.0	.0	.0	TRACE	5.2	11.7	42.9
SD	10.064	6.193	2.724	1.153	.258	.000	.000	.000	.000	.985	6.606	8.803	16.244
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1333	1290	1333	15979

THE GREATEST VALUE OF 50.7 OCCURRED ON 01/69

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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

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

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	3.3	2.3	TRACE	TRACE	.4	TRACE	.0	.0	TRACE	.0	1.3	4.5	4.5
82	6.0	1.0	TRACE	2.0	TRACE	.0	.0	.0	.0	TRACE	2.5	4.5	6.0
83	4.0	2.0	TRACE	TRACE	TRACE	TRACE	.0	.0	.0	TRACE	1.4	3.8	4.0
84	2.3	4.2	.5	.7	.5	.0	.0	.0	.0	TRACE	6.0	5.9	6.0
85	3.2	3.2	1.5	TRACE	TRACE	.0	.0	.0	.0	.5	4.5	3.8	4.5
86	4.0	5.6	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	1.7	2.8	5.6
87	5.5	.7	TRACE	TRACE	TRACE	.0	.0	.0	.0	.0	6.0	6.4	6.4
88	2.8	.9	2.6	TRACE	TRACE	.0	.0	.0	.0	.0	4.1	3.1	4.1
89	2.7	7.5	2.0	.1	TRACE	.0	.0	.0	.0	.0			7.5*
.....													
GREATEST	7.8	8.8	5.4	2.7	1.3	TRACE	TRACE	.0	TRACE	4.8	8.0	10.8	10.8
.....													
TOTAL OBS	1364	1243	1364	1320	1364	1320	1364	1364	1320	1333	1290	1333	15979
.....													

THE GREATEST VALUE OF 10.8 OCCURRED ON 12/21/51

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4311-8909
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
43											0		0*
44	0	0*	0	0	0	0	0	0	0	0	3	2	3*
45	3	2	3	0	0	0	0	0	0	0	5	4	5
46	4	4	TRACE	0	0	0	0	0	0	0	5	3	5
47	4	3	TRACE	0	0	0	0	0	0	0	1	6	6
48	2	5	TRACE	0	0	0	0	0	0	1	1	16	16
49	21	33	1	0	0	0	0	0	0	0	0	5	33
50	23	27	4	0	0	0	0	0	0	0	1	3	27
51	8	5	6	0	0	0	0	0	0	1	0	28	28
52	36	12	2	0	0	0	0	0	0	0	0	12	36
53	9	1	TRACE	0	0	0	0	0	0	0	0	TRACE	9
54	17	8	TRACE	0	0	0	0	0	0	0	0	3	17
55	6	8	11	0	0	0	0	0	0	0	10	9	11
56	7	6	3	0	0	0	0	0	0	1	1	2	7
57	10	11	2	TRACE	0	0	0	0	0	5	2	1	11
58	2	0	2	0	0	0	0	0	0	0	3	5	5
59	9	7	TRACE	0	0	0	0	0	0	0	6	2	9
60	9	2	3	TRACE	0	0	0	0	0	0	1	3	9
61	6	1	1	TRACE	0	0	0	0	0	0	4	11	11
62	6	2	6	0	0	0	0	0	0	0	1	TRACE	6
63	TRACE	6	TRACE	TRACE	0	0	0	0	0	0	TRACE	12	12
64	11	6	1	2	0	0	0	0	0	0	5	16	16
65	14	4	0	0	0	0	0	0	0	0	4	11	14
66	7	0	4	0	0	0	0	0	0	0	1	4	7
67	3	1	2	0	0	0	0	0	0	0	4	8	8
68	7	5	0	0	0	0	0	0	0	0	1	6	7
69	41	45	9	0	0	0	0	0	0	0	0	3	45
70	7	1	5	0	0	0	0	0	0	0	5	7	7
71	5	5	5	0	0	0	0	0	0	1	3	15	15
72	9	10	1	1	0	0	0	0	0	1	0	4	10
73	4	2	TRACE	0	0	0	0	0	0	0	8	5	8
74	6	1	TRACE	TRACE	0	0	0	0	0	0	0	6	6
75	12	24	4	3	0	0	0	0	0	TRACE	3	5	24

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA

PERIOD OF RECORD: 4311-8909

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
44 - 45			NOV 22			MAR 19
45 - 46	JAN 04	JAN 07	NOV 09	APR 10	MAR 15	FEB 17
46 - 47	OCT 25	OCT 31	NOV 10	APR 04	APR 04	FEB 01
47 - 48	NOV 05	NOV 05	NOV 15	MAY 03	MAR 22	FEB 21
48 - 49	OCT 30	OCT 30	OCT 31	MAR 30	MAR 26	MAR 15
49 - 50	OCT 18	NOV 10	DEC 16	MAY 06	MAR 13	MAR 15
50 - 51	OCT 03	NOV 01	NOV 17	MAR 22	MAR 21	MAR 15
51 - 52	OCT 21	OCT 22	OCT 22	APR 28	MAR 19	MAR 09
52 - 53	NOV 13	DEC 01	DEC 01	APR 13	APR 13	FEB 06
53 - 54	NOV 19	NOV 20	JAN 04	MAY 27	MAR 17	FEB 20
54 - 55	NOV 29	DEC 12	DEC 13	MAY 30	APR 26	MAR 12
55 - 56	OCT 27	NOV 02	NOV 12	APR 07	MAR 13	MAR 14
56 - 57	OCT 27	OCT 27	OCT 28	APR 24	APR 24	MAR 13
57 - 58	OCT 05	OCT 22	OCT 23	APR 25	MAR 07	MAR 08
58 - 59	NOV 06	NOV 14	NOV 14	MAY 04	MAY 02	FEB 25
59 - 60	NOV 03	NOV 17	NOV 18	MAY 21	MAY 21	MAR 09
60 - 61	NOV 09	NOV 10	NOV 22	MAY 05	APR 13	MAR 11
61 - 62	SEP 28	NOV 02	NOV 03	APR 28	APR 28	MAR 22
62 - 63	NOV 07	NOV 15	NOV 18	MAY 03	APR 17	FEB 18
63 - 64	NOV 07	DEC 05	DEC 06	APR 30	APR 23	APR 23
64 - 65	OCT 27	NOV 12	NOV 12	APR 09	APR 06	FEB 25
65 - 66	NOV 23	NOV 23	NOV 25	MAY 16	MAR 21	MAR 22
66 - 67	OCT 12	OCT 22	NOV 12	MAY 11	MAY 11	MAR 12
67 - 68	OCT 29	NOV 28	NOV 29	MAY 05	FEB 17	FEB 02
68 - 69	NOV 06	NOV 15	NOV 16	APR 30	APR 24	MAR 27
69 - 70	OCT 27	DEC 08	DEC 09	MAY 13	MAR 03	MAR 06
70 - 71	OCT 06	NOV 23	NOV 27	MAY 19	MAR 27	MAR 03
71 - 72	OCT 14	OCT 30	OCT 31	APR 25	APR 17	APR 18
72 - 73	SEP 23	OCT 28	OCT 28	JUN 17	APR 19	FEB 11
73 - 74	OCT 31	OCT 31	NOV 01	MAY 17	APR 12	FEB 28
74 - 75	NOV 05	NOV 22	DEC 06	MAY 19	APR 27	APR 06
75 - 76	OCT 19	OCT 25	NOV 11	APR 20	APR 01	APR 01

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4612-8909
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
46												WSW 40	WSW*40
47	SSW 48	SSW 40	SSW 28	SSW 40	SSW 36	SW 36	S 45	SSW 38	SSW 32	S 40	SW 27	SSW*43	SSW*48
48	SW *38	SSW*45	SSW 46	SSW 38	S *33	*	*	*	*	*	*	*	SSW*46
49	*	SSW*57	SSW*29	SSW 37	NE 31	SW 43	WSW 37	SSW 35	SW 36	WSW 36	WSW 62	SW 45	WSW*62
50	S 42	SSW 48	SSW 36	SW 50	WSW 38	WSW 35	S 40	SW 38	SW 35	SSW 54	SSE 50	SSW 40	SSW 54
51	SW 64	SW 40	SW 59	NNW 34	WSW 39	NNW 45	SW 49	SSW 30	WSW 40	SW 36	WSW 41	WSW*46	SW *64
52	*	E *31	WSW 50	SW 41	W 38	SW 40	WNW 36	NNW 34	WSW 34	NNW 37	SSE 26	WSW*43	WSW*50
53	SW 55	W 35	WSW 45	WSW 35	SW 33	WSW 39	SW 30	SE 35	WSW 43	SW 30	SW 39	WSW 46	SW 55
54	SW 40	SW 43	SW 45	WSW 48	SW 43	WSW 47	SSW 34	WNW 43	SSW 34	SW 48	SSW 44	SW 46	WSW 48
55	SSW*38	SW 49	SW *67	WSW 45	WSW 41	WSW 51	SSW 46	SW 33	W 32	WNW 38	SSW 42	SW 47	SW *67
56	SSW 44	SSW 45	SSW 64	SW 45	WSW 40	WSW 59	SSW*40	SW 35	WSW 40	SW 44	WSW 49	SW 45	SSW*64
57	SW 29	SW 51	WSW 49	SW 48	SSW 56	SSW 42	WSW 36	SSW 32	WSW 37	SSW 35	SW 43	SW 47	SSW 56
58	SW 46	SW 49	S 29	WSW 32	SW 30	SSW 29	W 31	W 39	WSW 39	SW 34	SW 35	SSW 39	SW 49
59	SW 34	SSW 31	WSW 36	SW 34	WSW 36	SW 33	SW 33	W 29	SW *33	*	*	SW 39	SW *39
60	SSW 21	SW 30	SSW 33	WSW 39	WSW 36	SSW*33	E 26	SSW*25	SSW*22	SSW*35	SW 36	SSW 30	WSW*39
61	SSW 30	SW 35	SSW 39	WSW*37	NE *24	WSW*30	SSW 27	WSW*33	SSW*38	WSW*35	SSW*31	WSW*55	WSW*55
62	SSW 33	NE 28	W 28	SW 40	W 32	W 35	SSW*30	SSW*26	NNE 30	S 34	SSW 45	SSW*30	SSW*45
63	NE *28	WSW*34	SSW 41	SW 37	WSW 34	SW 29	WSW 28	WNW*18	WSW 32	SSW 27	SW 34	SW 30	SSW*41
64	SW 46	SSW 35	SSW 37	SW 36	SW 37	ENE 26	SSW 29	W 34	SSW 34	W 39	SSW 32	SW 47	SW 47
65	SW 45	SW 49	NNE 30	SSW 31	WSW*42	N *28	N 26	SSW 27	NE 30	SSW 37	SW 35	WSW 34	SW *49
66	S 50	W 46	SSW 36	SSW 32	SW 31	WSW 29	S 29	SW 30	S 31	SSW 34	S 35	SE 28	S 50
67	SSW 46	SSW 36	S 39	S 30	SSW 30	NW 26	SW *26	SW 31	SSW 34	SSW 42	S 34	SW 40	SSW*46
68	SSW 36	SSW 31	W 36	SSW 40	SW 43	SE 32	27/ 38	20/ 30	20/ 34	23/ 30	20/ 29	20/ 43	SW 43
69	23/ 34	20/ 34	05/*26	23/ 36	34/ 28	03/ 27	24/ 29	25/ 23	23/ 34	06/ 28	26/ 23	22/*26	23/*36
70	24/ 28	03/ 30	25/ 30	22/ 38	20/ 26	23/ 32	22/ 34	23/ 29	22/ 34	20/ 26	21/ 38	22/ 35	22/ 38
71	21/ 43	23/ 46	23/ 52	26/ 41	33/ 39	23/ 29	03/ 35	22/ 28	34/ 31	26/ 35	19/ 38	20/ 41	23/ 52
72	21/ 51	22/ 46	23/ 44	25/ 39	26/ 34	02/ 26	02/ 29	22/ 30	26/ 32	06/ 27	22/*21	23/ 32	21/*51
73	20/ 34	23/ 27	23/ 31	25/ 35	24/ 35	24/ 36	28/ 31	24/ 34	22/ 28	20/ 30	19/ 41	22/ 32	19/ 41
74	22/ 44	24/ 31	22/ 41	24/ 34	26/ 2	24/ 31	23/*28	06/ 26	06/ 31	23/ 24	22/ 30	23/ 38	22/*44
75	22/ 46	26/ 38	33/ 30	25/ 28	23/ 38	29/ 34	35/ 24	28/ 24	07/ 24	21/ 31	19/ 39	21/ 37	22/ 46
76	20/ 34	27/ 42	22/ 40	06/ 38	26/ 36	25/ 36	20/ 27	19/ 35	27/ 26	23/ 28	23/ 28	23/ 33	27/ 42
77	23/ 28	23/ 28	27/ 41	20/ 39	20/ 28	29/ 30	24/ 31	03/*25	23/ 24	23/ 32	23/ 44	24/ 38	23/*44
78	20/ 40	22/ 24	22/ 36	25/ 34	24/ 31	16/ 42	28/ 33	18/ 24	26/ 31	23/ 29	28/ 44	22/ 40	28/ 44
79	03/ 20	21/ 44	26/ 27	24/ 31	24/ 30	26/ 33	20/ 32	21/ 31	26/ 30	24/ 26	03/ 19	22/ 38	21/ 44
80	20/ 43	05/ 32	27/ 39	20/ 38	04/ 31	26/ 24	20/ 34	24/ 25	21/ 24	18/ 26	21/ 39	21/ 36	20/ 43

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4612-8909
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	.4	19.1	31.1	14.7	11.6	10.1	6.7	3.3	2.6	.3	.0	17.5	14.0	1233
FEB	.7	14.4	31.1	19.2	14.5	7.6	6.9	2.5	2.9	.3	.0	17.6	15.0	1152
MAR	.2	7.3	26.4	24.7	19.9	10.9	5.4	3.3	1.7	.3	.1	19.0	18.0	1307
APR	.0	1.8	20.4	30.4	21.6	11.5	9.1	3.5	1.5	.1	.0	20.5	19.0	1258
MAY	.0	3.3	23.3	30.3	23.4	11.1	5.8	2.1	.7	.1	.0	19.2	18.0	1259
JUN	.0	3.3	22.2	29.5	26.2	10.8	5.1	1.7	1.1	.2	.0	19.3	19.0	1187
JUL	.0	3.5	26.8	34.0	22.0	8.1	4.0	1.0	.6	.0	.0	18.2	17.0	1270
AUG	.0	5.1	27.7	35.9	20.6	6.6	3.1	.8	.2	.0	.0	17.4	17.0	1264
SEP	.1	5.9	33.6	28.1	18.5	8.2	4.5	.9	.2	.0	.0	17.4	16.0	1208
OCT	.1	13.1	37.2	21.0	13.8	8.6	3.7	1.7	.6	.1	.0	16.4	14.0	1204
NOV	.4	14.2	33.3	21.1	13.7	7.9	4.5	3.0	1.4	.3	.0	17.1	15.0	1150
DEC	1.0	19.0	31.0	16.5	11.5	8.1	6.3	3.4	3.0	.1	.0	17.2	14.0	1247
ANNUAL	.2	9.1	28.6	25.6	18.2	9.2	5.4	2.3	1.4	.1	.0	18.1	17.0	14739

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.9										1.7	3.9	4.5
020-040	6.5	4.6	1.4	.6								13.1	5.5	5.0
050-070	8.6	7.8	1.2									17.6	5.0	5.0
(E) 080-100	2.8	1.2										4.0	4.1	4.0
110-130	1.4	.4										1.8	3.4	3.0
140-160	1.5	1.7	.4									3.7	5.8	5.5
(S) 170-190	3.1	3.7	2.2	.3	.2							9.5	7.3	7.0
200-220	2.8	3.5	4.3	1.9	.6	.3	.1					13.7	10.5	10.0
230-250	1.2	.8	1.9	.9	.4	.1						5.3	11.1	11.0
(W) 260-280	1.0	1.3	.2	.2	.1							2.8	7.1	6.0
290-310	.5	.3										.9	3.4	2.5
320-340	.6	.3										1.0	3.4	4.0
VARIABLE														
CALM	////////////////////////////////////											25.1	////////////////////////////////	
TOTALS	30.9	26.5	11.6	3.9	1.3	.4	.1					100.0	5.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2	.1									1.2	4.2	4.0
020-040	6.0	8.4	1.5	.2								16.1	5.7	5.5
050-070	7.8	10.1	2.2	.1	.1	.1						20.4	6.1	6.0
(E) 080-100	4.9	1.9	.2									7.1	4.1	4.0
110-130	1.6	.6	.1									2.4	4.0	3.0
140-160	2.3	2.8	.1									5.2	4.9	5.0
(S) 170-190	2.5	3.1	2.0	.5	.1							8.3	7.3	6.0
200-220	2.7	3.5	4.5	2.4	1.1	.1						14.3	10.6	10.0
230-250	1.9	1.6	1.0	.5	.5	.1						5.7	8.7	7.0
(W) 260-280	1.0	.8	.5									2.3	6.0	6.0
290-310	.3	.2										.5	4.0	2.0
320-340		.3										.3	5.7	6.0
VARIABLE														
CALM	////////////////////											16.2	////	////
TOTALS	31.9	33.5	12.2	3.7	1.8	.3						100.0	5.6	6.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.5	.4	.2									1.2	5.7	5.0
020-040	6.5	7.4	1.0	.8								15.6	5.9	5.0
050-070	5.7	7.3	1.6									14.6	5.6	5.0
(E) 080-100	2.0	1.6										3.7	4.2	4.0
110-130	2.4	.5	.3									3.2	4.3	4.0
140-160	3.8	1.1	.5									6.0	4.5	4.0
(S) 170-190	3.8	3.1	1.5									8.4	5.8	5.0
200-220	2.3	3.1	5.3	1.7	1.5	.2						14.1	11.1	11.0
230-250	2.6	2.4	1.4	.8	.5							7.6	8.1	6.0
(W) 260-280	2.3	1.4	.3	.1								4.1	5.2	4.0
290-310	.9	.1	.1									1.1	3.8	3.0
320-340	.6	.1										.8	3.1	4.0
VARIABLE														
CALM	////////////////////											19.7	////	////
TOTALS	33.4	29.1	12.2	3.4	2.0	.2						100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.5	.6	.1									3.2	3.5	3.0
020-040	5.8	4.7	.9	.2								11.6	5.2	4.5
050-070	6.2	6.5	1.1	.2								14.0	5.5	5.0
(E) 080-100	2.8	.6	.2									3.7	3.8	4.0
110-130	1.1	1.1	.2									2.4	5.0	5.5
140-160	1.0	1.9	.6	.2								3.8	6.8	6.0
(S) 170-190	2.3	3.4	1.3		.1							7.1	6.5	6.5
200-220	2.8	5.6	4.1	1.5	.8	.4	.2					15.4	9.9	9.0
230-250	3.0	2.5	1.2	.8	.5	.2						8.2	8.4	6.0
(W) 260-280	2.0	.6	.2									2.9	4.3	3.0
290-310	.9	.2										1.1	3.5	3.5
320-340	.9	.1	.1									1.1	3.8	4.0
VARIABLE														
CALM	////////////////////											25.7	////	////
TOTALS	31.3	27.8	10.0	2.9	1.4	.6	.2					100.0	4.9	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.3	.2									1.3	4.4	2.5
020-040	5.5	3.5	1.0	.1								10.1	4.9	4.0
050-070	6.1	5.1	.7									11.8	4.8	4.0
(E) 080-100	3.4	1.5	.1									5.0	4.2	4.0
110-130	2.5	1.2	.1									3.8	4.3	4.0
140-160	3.2	2.0	.6	.1								5.9	5.1	4.0
(S) 170-190	4.7	3.5	1.3	.4	.2							10.0	5.9	5.0
200-220	3.8	4.8	5.4	1.9	.5		.1					16.3	9.2	9.0
230-250	2.8	2.4	1.7	.4	.1							7.3	6.9	6.0
(W) 260-280	1.6	.9	.3									2.7	4.6	4.0
290-310	.5											.5	1.9	2.0
320-340	.5	.2										.7	3.8	3.0
VARIABLE														
CALM	////////////////////											24.5	////	////
TOTALS	35.5	25.4	11.4	2.9	.8		.1					100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 1989

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.8										2.1	3.6	3.0
020-040	5.3	4.0	2.4	1.3	.6							13.5	7.6	6.0
050-070	9.4	9.0	1.2	.1								19.7	5.1	5.0
(E) 080-100	2.2	.2	.2									2.7	3.9	3.0
110-130	1.3	.8	.1									2.2	4.6	3.0
140-160	2.6	2.4	.5	.1								5.5	5.5	5.0
(S) 170-190	3.8	3.9	2.5	.1								10.2	6.5	6.0
200-220	3.2	5.1	3.7	.9	.9							13.8	9.0	8.0
230-250	1.8	2.0	1.8	.1	.5							6.1	8.2	8.0
(W) 260-280	1.8	1.3	.1		.1							3.3	5.2	4.0
290-310	.5											.5	2.0	2.0
320-340	.6	.2	.1									.9	5.5	3.5
VARIABLE														
CALM	////////////////////////////////////											19.3	////////////////////////////////	
TOTALS	33.8	29.7	12.6	2.6	2.1							100.0	5.3	5.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7										1.3	5.1	5.0
020-040	3.3	5.3	1.6	1.6	.6							12.5	8.3	7.0
050-070	6.8	12.7	3.7	.5	.1							23.8	6.7	6.0
(E) 080-100	4.2	2.1	.4									6.7	4.6	4.0
110-130	1.6	1.2	.4									3.2	5.0	4.0
140-160	1.9	2.5	.9	.5								5.8	7.0	6.0
(S) 170-190	3.1	5.1	2.5	.1								10.7	6.9	7.0
200-220	2.8	7.8	6.1	.7	.8							18.3	9.0	8.0
230-250	1.4	2.2	1.6	1.3								6.6	8.9	8.0
(W) 260-280	1.2	.2										1.4	3.6	4.0
290-310	.7	.1										.8	2.3	1.0
320-340	.1	.2										.4	5.3	7.0
VARIABLE														
CALM	////////////////////											8.6	////	////
TOTALS	27.7	40.1	17.2	4.7	1.5							100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	1.3	.6										1.9	3.9	4.0
020-040	4.6	6.0	2.1	1.1	.5	.1						14.4	7.5	6.0
050-070	5.4	6.0	1.8	.4	.5							14.0	6.6	6.0
(E) 080-100	2.5	2.0	.1									4.6	4.9	4.0
110-130	.8	.8	.2									1.9	5.3	5.0
140-160	3.8	2.2	.1									6.1	4.5	4.0
(S) 170-190	2.8	4.0	.7	.4								7.9	6.1	6.0
200-220	4.2	5.4	4.6	1.1	.5							15.8	8.1	8.0
230-250	2.7	3.5	4.2	1.1	.2							11.8	8.8	9.0
(W) 260-280	2.1	1.6	.5	.6								4.8	6.4	5.0
290-310	1.9	.4	.1									2.4	3.5	3.0
320-340	.9	.6										1.5	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											13.0	////////////////////////////////	
TOTALS	33.0	33.1	14.4	4.7	1.7	.1						100.0	5.9	6.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.4	.2										1.6	3.1	3.0
020-040	7.5	4.6	2.0	1.4	.5							16.0	6.7	5.0
050-070	6.1	6.1	.5	.1	.1							13.0	5.2	5.0
(E) 080-100	2.2	1.1	.1									3.4	4.0	3.0
110-130	1.9	.4										2.2	3.3	3.0
140-160	2.9	1.1	.2									4.2	4.3	4.0
(S) 170-190	4.2	3.7	.8	.1								8.8	5.3	5.0
200-220	3.5	5.5	3.1	1.5	.6							14.3	8.5	8.0
230-250	3.3	1.4	1.5	.2	.2							6.7	6.4	5.0
(W) 260-280	2.7	1.4	.2									4.4	4.3	3.0
290-310	.8	.5	.2	.1								1.6	6.1	4.5
320-340	.6	.5										1.1	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											22.6	////////////////////////////////	
TOTALS	37.1	26.5	8.6	3.4	1.4							100.0	4.6	5.0
TOTAL NUMBER OF OBSERVATIONS 849														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	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										.7	3.3	2.0
020-040	2.2	2.8	2.5	1.3	.6							9.4	9.5	9.0
050-070	4.9	5.8	1.4	.2	.3							12.7	6.3	6.0
(E) 080-100	2.5	1.6	.4									4.6	5.0	4.0
110-130	2.1	1.2	.1									3.4	4.4	3.0
140-160	2.0	2.0	.7	.4								5.2	6.4	5.0
(S) 170-190	4.8	6.7	1.6	.2								13.3	6.1	6.0
200-220	4.6	10.4	5.1	.8	.1							21.1	7.6	7.0
230-250	3.9	3.6	2.0	.6								10.1	6.7	6.0
(W) 260-280	2.2	.7	.1									3.0	3.7	4.0
290-310	.7	.3	.1									1.2	4.1	3.0
320-340	.2	.1										.3	3.3	2.5
VARIABLE														
CALM	////////////////////////////////////											15.0	////////////////////////////////	
TOTALS	30.6	35.3	14.0	3.5	1.0							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 1334

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.9	.1									1.8	4.8	5.0
020-040	5.2	2.2	1.2	.5								9.0	5.7	4.0
050-070	8.5	4.7	.2									13.4	4.2	4.0
(E) 080-100	3.1	.8										3.9	3.4	3.0
110-130	1.2	.4										1.6	3.7	3.0
140-160	2.4	1.4	.4									4.2	4.7	3.0
(S) 170-190	4.8	4.5	1.1									10.4	5.2	5.0
200-220	4.3	10.6	4.5	1.1	.2							20.8	7.6	7.0
230-250	.6	1.8	1.6	.4	.1							4.6	9.5	9.0
(W) 260-280	2.4	.9		.1								3.3	4.1	3.0
290-310	.8	.9										1.6	4.6	5.0
320-340	.5	.8										1.3	5.4	5.0
VARIABLE														
CALM	////////////////////											24.0	////	////
TOTALS	34.7	29.9	9.1	2.1	.3							100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.3	.4		.1							1.5	6.9	5.5
020-040	1.6	2.9	2.5	.8	.3	.1						8.2	9.2	8.0
050-070	3.4	8.1	3.9	.4	.1							15.9	7.5	7.0
(E) 080-100	4.6	2.6	.1									7.3	4.2	4.0
110-130	1.7	1.9	.5	.1								4.3	5.8	5.0
140-160	2.7	2.6	.9	.1								6.2	5.7	5.0
(S) 170-190	3.9	7.3	2.5	.1								13.8	6.5	6.0
200-220	3.3	10.4	7.7	1.5	.6	.1						23.8	8.9	8.0
230-250	.8	3.4	3.4	1.1	.2							8.9	10.0	10.0
(W) 260-280	.8	.9	.3	.3								2.3	7.8	5.0
290-310	.6	.3	.1	.1								1.2	5.7	4.0
320-340	.5	.2		.1								.9	4.8	2.5
VARIABLE														
CALM	////////////////////											5.8	////	////
TOTALS	24.5	40.9	22.3	4.6	1.3	.2						100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.0	.2									2.6	4.7	4.0
020-040	1.8	3.4	2.2	.5								8.0	7.8	7.0
050-070	1.1	2.0	2.3	.2								5.6	8.6	8.5
(E) 080-100	.6	1.0	.2									1.8	6.2	6.0
110-130	1.8	.8	.2									2.8	4.5	3.5
140-160	2.5	3.1	.9	.2								6.7	6.1	5.0
(S) 170-190	3.7	5.1	1.5									10.2	6.2	6.0
200-220	4.4	5.7	5.1	.9	.3							16.3	8.1	8.0
230-250	3.2	8.0	7.6	1.1	.9							20.8	9.1	9.0
(W) 260-280	4.1	4.6	2.8	.2	.5							12.3	7.3	6.0
290-310	2.0	1.3	.5									3.9	5.3	4.0
320-340	.8	.6	.2									1.6	5.4	5.0
VARIABLE														
CALM	////////////////////											7.5	////	////
TOTALS	27.4	36.6	23.7	3.1	1.7							100.0	6.9	7.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.8										1.2	5.4	6.0
020-040	2.4	2.5	1.7									6.6	6.5	6.0
050-070	1.9	3.3	.8									6.0	6.1	6.0
(E) 080-100	1.7	.9	.1									2.7	4.1	4.0
110-130	1.7	.3										2.0	3.1	3.0
140-160	3.3	2.2	.2									5.7	4.2	3.0
(S) 170-190	5.8	3.3	.8									9.9	4.6	4.0
200-220	6.9	7.8	3.4	.2								18.4	6.2	6.0
230-250	3.4	4.3	1.6	.5	.1							10.0	6.9	6.0
(W) 260-280	3.9	1.3	.8	.1								6.0	4.8	3.5
290-310	1.6	1.4	.1									3.1	4.7	4.0
320-340	1.1	.9	.1									2.0	4.5	4.0
VARIABLE														
CALM	////////////////////											26.3	////////	
TOTALS	34.1	29.0	9.6	.8	.1							100.0	4.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	1.1										2.0	5.2	5.0
020-040	1.0	2.0	3.7	.1								6.7	9.3	10.0
050-070	1.6	3.3	.9									5.8	6.5	7.0
(E) 080-100	1.6	1.6	.1									3.3	4.9	5.0
110-130	1.2	1.2	.1									2.6	4.7	5.0
140-160	3.6	2.5	.5	.1								6.6	5.1	4.0
(S) 170-190	5.3	9.1	3.8	.4								18.5	6.8	6.0
200-220	4.0	14.1	6.9	1.5	.4							26.8	8.1	8.0
230-250	2.3	5.9	2.3	.7	.4							11.6	8.0	7.0
(W) 260-280	1.3	2.2	.5	.1								4.2	6.0	6.0
290-310	1.1	.4										1.5	3.1	2.0
320-340	.4	.4	.2									1.0	5.5	6.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////////////////////////////	
TOTALS	24.3	43.8	19.0	2.9	.8							100.0	6.4	6.0

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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.2										.9	3.1	2.5
020-040	5.6	2.2	1.1									8.9	4.8	4.0
050-070	8.4	4.8	.4									13.7	4.2	4.0
(E) 080-100	3.0	1.1	.1	.1								4.3	4.2	3.0
110-130	2.0	.4										2.4	3.3	3.0
140-160	2.2	1.0										3.2	3.7	3.0
(S) 170-190	5.1	6.2	.4									11.8	5.0	5.0
200-220	4.7	12.8	5.8	.4								23.7	7.4	7.0
230-250	1.7	3.8	1.4	.4	.2							7.6	7.8	7.0
(W) 260-280	.8	.9	.1									1.8	5.3	5.5
290-310	.4	.6	.1									1.1	5.5	6.0
320-340	.9	.3										1.2	3.7	4.0
VARIABLE														
CALM	////////////////////											19.4	////	////
TOTALS	35.5	34.3	9.4	.9	.2							100.0	4.5	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	.3	.2									1.0	4.8	5.0
020-040	2.3	2.9	1.9	.3								7.4	6.9	6.0
050-070	2.3	5.6	2.7	1.3								11.9	8.2	7.0
(E) 080-100	2.0	4.0	.9									6.9	6.2	6.0
110-130	2.3	3.2	.2		.1							5.9	5.5	5.0
140-160	1.9	3.6	.8									6.2	6.0	6.0
(S) 170-190	3.3	6.4	1.6	.1								11.4	6.3	6.0
200-220	2.7	9.8	8.1	1.2	.2							22.0	9.1	9.0
230-250	2.8	6.6	6.1	1.7	.6	.1						17.8	9.5	9.0
(W) 260-280	.8	1.4	1.2									3.4	7.6	7.0
290-310	.6	.2	.6									1.3	7.0	7.5
320-340	.1											.1	4.0	4.0
VARIABLE														
CALM	////////////////////											4.6	////	////
TOTALS	21.5	44.0	24.3	4.6	.9	.1						100.0	7.4	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.8	.8	.6									2.1	6.2	6.0
020-040	1.7	3.0	1.4	.4	.1							6.7	7.5	6.5
050-070	1.8	2.0	1.8	.4								6.0	7.5	6.0
(E) 080-100	1.8	1.3	.6									3.7	5.5	5.0
110-130	1.0	.3	.1									1.4	4.1	4.0
140-160	1.1	1.4	.4									3.0	6.1	6.0
(S) 170-190	2.2	4.4	.7	.1								7.4	6.2	6.0
200-220	3.8	10.7	7.1	1.8	.2							23.6	8.5	8.0
230-250	5.0	9.0	6.6	2.7	.6	.1						23.9	8.8	8.0
(W) 260-280	2.1	4.0	2.8	1.1	.2	.2						10.4	8.9	8.0
290-310	1.8	1.6	.3	.1		.1						3.9	6.3	5.0
320-340	.2	.9	.4									1.6	7.4	7.5
VARIABLE														
CALM	////////////////////////////////////											6.3	////////////////////////////////	
TOTALS	23.3	39.4	22.8	6.6	1.1	.4						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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.1										2.2	3.9	4.5
020-040	2.9	2.8	.8									6.4	5.5	5.0
050-070	2.8	3.3	.9	.1								7.1	5.7	5.0
(E) 080-100	1.0	.4										1.4	3.4	3.0
110-130	1.3	.4	.1									1.9	3.9	4.0
140-160	1.6	.6	.3									2.4	4.7	3.0
(S) 170-190	5.2	4.3	.6									10.1	5.0	4.0
200-220	8.0	6.8	2.7	.7	.1							18.2	6.2	5.0
230-250	6.2	4.4	3.0	.6	.1							14.3	6.5	6.0
(W) 260-280	4.7	2.3	1.6	.1								8.7	5.7	4.0
290-310	1.8	.7			.1							2.6	4.5	3.0
320-340	.8	.4										1.2	3.8	4.0
VARIABLE														
CALM	////////////////////////////////////											23.3	////////////////////////////////	
TOTALS	37.4	27.5	10.0	1.5	.3							100.0	4.3	5.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4											.4	1.0	1.0
020-040	.4	.8										1.2	5.3	6.0
050-070	1.6	.8	.4									2.8	4.9	4.0
(E) 080-100	1.2	.8		.4								2.4	5.8	4.5
110-130	2.0	.8										2.8	3.7	4.0
140-160	3.6	4.0										7.5	4.6	5.0
(S) 170-190	4.0	13.9	2.4									20.2	6.4	6.0
200-220	6.0	25.4	7.9	1.6								40.9	7.8	8.0
230-250	2.8	4.4	4.8	.8			.4					13.1	9.0	8.0
(W) 260-280		2.0	.4									2.4	6.5	5.5
290-310	.8											.8	3.0	3.0
320-340														
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	22.8	52.9	15.9	2.8			.4					100.0	6.6	7.0

TOTAL NUMBER OF OBSERVATIONS 252

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	.5										1.2	4.5	4.0
020-040	5.4	2.4	.2									8.0	4.1	4.0
050-070	7.6	4.0	.2									11.8	4.0	3.0
(E) 080-100	1.7	.7										2.4	3.4	3.0
110-130	1.4	.2										1.6	3.1	2.0
140-160	3.9	.3										4.2	2.4	2.0
(S) 170-190	5.2	5.3	.4									10.9	4.9	5.0
200-220	5.7	12.7	4.1	.4								23.0	7.0	7.0
230-250	2.6	3.1	1.3		.1							7.2	6.3	6.0
(W) 260-280	2.0	1.1	.1									3.1	4.4	4.0
290-310	.7											.7	2.7	3.0
320-340	.3	.2										.5	3.6	4.0
VARIABLE														
CALM	////////////////////////////////////											25.4	////////////////////////////////	
TOTALS	37.2	30.5	6.3	.4	.1							100.0	3.9	5.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.0										1.5	5.2	6.0
020-040	1.4	2.9	.9	.1								5.3	6.8	7.0
050-070	2.9	5.7	1.5	.4	.2							10.8	7.0	6.5
(E) 080-100	2.3	3.0	.2									5.5	5.4	5.0
110-130	2.3	.6	.2									3.1	4.1	4.0
140-160	2.4	1.7	.3									4.4	5.1	4.0
(S) 170-190	6.1	9.0	1.0	.1								16.2	5.6	5.0
200-220	4.4	11.5	7.7	1.4	.1							25.2	8.1	8.0
230-250	2.5	6.5	5.7	1.6	.2							16.5	9.1	9.0
(W) 260-280	1.0	1.3	.8	.1	.1							3.2	7.3	6.0
290-310	.3	.6	.2		.1							1.3	8.0	8.0
320-340	.2	.2										.4	5.3	4.5
VARIABLE														
CALM	////////////////////											6.7	////	////
TOTALS	26.3	44.0	18.5	3.7	.7							100.0	6.7	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.0	1.1	.5									2.6	6.5	6.5
020-040	.9	2.5	.9	.3								4.5	7.7	7.5
050-070	1.8	1.9	1.2	.4								5.4	7.6	7.0
(E) 080-100	1.4	1.3		.1								2.8	5.3	4.5
110-130	.9	1.2										2.0	4.8	5.0
140-160	1.4	.9	.2									2.5	4.2	4.0
(S) 170-190	3.8	4.9	.8	.1								9.6	5.6	5.0
200-220	5.9	10.9	4.5	.8								22.0	7.1	6.0
230-250	4.4	9.9	7.1	2.3	.4							24.1	8.7	8.0
(W) 260-280	2.5	4.1	4.3	.8	.2	.1						11.9	8.8	8.0
290-310	2.0	1.1	.9									4.0	5.7	4.0
320-340	.5	.8	.6	.2								2.2	8.3	8.0
VARIABLE														
CALM	////////////////////											6.5	////////////////	
TOTALS	26.5	40.6	21.0	5.0	.6	.1						100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.9	.4										1.3	4.5	4.0
020-040	3.3	1.8										5.0	4.2	4.0
050-070	2.4	1.1	.1									3.6	4.0	3.0
(E) 080-100	2.0	.9										2.8	3.4	3.0
110-130	1.5	.1	.1									1.8	3.7	3.5
140-160	2.6	.2										2.8	2.8	2.5
(S) 170-190	4.2	2.3	.7									7.1	4.4	4.0
200-220	9.0	6.8	2.3	.2								18.3	5.4	5.0
230-250	7.3	6.8	.9	.2								15.2	5.2	5.0
(W) 260-280	6.0	2.3	.7	.2								9.2	4.6	4.0
290-310	1.6	.7	.3	.1								2.7	5.2	4.0
320-340	1.5	.5	.2									2.3	4.5	4.0
VARIABLE														
CALM	////////////////////											27.8	////	////
TOTALS	42.3	23.9	5.3	.7								100.0	3.4	4.0
TOTAL NUMBER OF OBSERVATIONS 914														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010														
020-040	.3	.9										1.2	4.8	5.0
050-070	.3											.3	2.0	2.0
(E) 080-100	1.2	.6										1.9	3.0	2.5
110-130	.3	.3										.6	3.5	3.5
140-160	3.1	.9										4.0	3.5	3.0
(S) 170-190	9.3	11.8	2.8									23.9	5.9	6.0
200-220	6.8	26.4	7.8	1.2								42.2	7.3	7.0
230-250	2.8	9.3	.9	1.6	.3							14.9	7.6	6.5
(W) 260-280	.9	1.6	.6									3.1	6.8	6.0
290-310														
320-340														
VARIABLE														
CALM	////////////////////////////////////										7.8	////////////////////////////////		
TOTALS	25.0	51.8	12.1	2.8	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 322

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	1.0	.2											1.3	3.1	2.0
020-040	4.5	1.0											5.5	3.0	2.0
050-070	6.1	3.0											9.1	3.7	4.0
(E) 080-100	2.8	1.0											3.8	3.3	3.0
110-130	2.3	.1											2.4	2.6	2.0
140-160	4.3	1.0											5.3	3.2	2.5
(S) 170-190	5.7	6.0	1.3	.1									13.1	5.4	5.0
200-220	5.2	9.7	5.7	.2									20.8	7.1	7.0
230-250	2.1	2.4	.1										4.6	4.7	5.0
(W) 260-280	1.7	.7											2.4	3.4	3.0
290-310	.6	.2											.8	3.4	4.0
320-340	.9	.1											1.0	3.7	4.0
VARIABLE															
CALM	////////////////////////////////////											29.9	////////////////////////////////		
TOTALS	37.2	25.4	7.1	.3									100.0	3.4	4.0
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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
 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	.6	.8										1.3	4.8	5.0
020-040	1.6	1.4	.4									3.4	5.4	5.0
050-070	2.0	4.9	1.6									.4	6.6	7.0
(E) 080-100	3.7	1.9	.6	.1								6.2	5.1	4.0
110-130	2.0	.9										2.9	3.9	3.0
140-160	3.9	1.9										5.8	4.1	4.0
(S) 170-190	7.3	8.3	.9	.1								16.7	5.3	5.0
200-220	5.1	13.0	8.4	1.1								27.7	7.9	8.0
230-250	2.8	7.8	5.2	.2								16.0	7.8	8.0
(W) 260-280	1.2	2.0	.4	.1								3.8	6.6	6.0
290-310	.9	.8	.1	.1								1.9	5.6	5.0
320-340	.6	.7										1.2	4.2	5.0
VARIABLE														
CALM	////////////////////											4.7	////	////
TOTALS	31.7	44.4	17.6	1.7								100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	1.0	.3									3.0	5.2	4.0
020-040	1.9	1.6	.4	.2								4.1	6.1	6.0
050-070	.9	.9	.3	.1								2.2	6.8	6.0
(E) 080-100	1.3	.6	.1	.1	.1							2.2	5.3	4.0
110-130	1.2	1.0										2.2	4.4	4.0
140-160	3.4	2.0										5.4	4.0	4.0
(S) 170-190	3.6	4.8	.6	.1								9.0	5.5	5.0
200-220	5.4	9.7	4.4	.9	.4	.1						21.0	7.6	7.0
230-250	5.2	12.7	6.6	1.1								25.6	7.7	8.0
(W) 260-280	4.6	4.0	3.4	.2		.1						12.3	6.8	5.0
290-310	1.9	1.0	.3									3.2	4.9	4.0
320-340	1.4	1.0	.2	.1								2.8	5.2	4.0
VARIABLE														
CALM	////////////////////											6.9	////	////
TOTALS	32.5	40.3	16.6	2.8	.5	.2						100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	1.4	.4											1.8	3.5	4.0
020-040	2.9	2.0											4.9	4.4	4.0
050-070	1.2	1.4											2.6	4.4	5.0
(E) 080-100	1.3	.6											1.9	3.5	3.0
110-130	1.1	.4	.1										1.5	4.3	3.0
140-160	2.7	.6	.1	.2									3.7	4.1	3.0
(S) 170-190	7.1	3.0	1.0	.1									11.2	4.5	4.0
200-220	8.5	5.6	2.0	.1									16.2	5.1	4.0
230-250	7.9	3.6	.8										12.3	4.2	3.0
(W) 260-280	5.1	2.1	.5										7.9	3.9	3.0
290-310	1.8	1.1											2.9	4.1	3.0
320-340	1.9	.2											2.1	3.2	3.0
VARIABLE															
CALM	////////////////////											31.1	////	////	
TOTALS	43.0	21.0	4.5	.4									100.0	3.0	4.0
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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010		.5										.5	7.0	7.0
020-040														
050-070	1.0	1.6										2.6	5.8	5.0
(E) 080-100	1.6											1.6	3.0	3.0
110-130	1.0											1.0	1.0	1.0
140-160	4.2	.5										4.7	3.1	2.0
(S) 170-190	6.8	10.9	2.1									19.8	5.7	5.0
200-220	8.9	24.5	8.3	1.0								42.7	6.9	7.0
230-250	2.6	10.4	1.6									14.6	6.1	6.0
(W) 260-280	.5	1.0	.5			.5						2.6	10.8	7.0
290-310														
320-340	.5											.5	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											9.4	////////////////////////////////	
TOTALS	27.1	49.4	12.5	1.0		.5						100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 192

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.9	.2										1.1	3.1	2.0
020-040	5.5	1.2										6.7	3.2	3.0
050-070	8.8	2.1	.1									11.0	3.5	3.0
(E) 080-100	3.4	.1										3.6	2.7	2.0
110-130	2.0	.1										2.1	2.3	2.0
140-160	2.4	.4										2.9	2.8	2.0
(S) 170-190	8.1	4.9	.4									13.5	4.4	4.0
200-220	6.7	10.9	2.8	.3								20.7	6.2	6.0
230-250	1.6	2.0										3.6	4.9	5.0
(W) 260-280	.4		.1									.6	3.8	2.0
290-310	.2											.2	3.0	3.0
320-340	.2	.1										.3	4.0	3.0
VARIABLE														
CALM	////////////////////											33.8	////	////
TOTALS	40.2	22.0	3.4	.3								100.0	2.9	4.0
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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.4	.2			.1							.8	7.0	4.0
020-040	3.5	5.1	1.2	.2								10.0	6.1	6.0
050-070	5.3	5.3	1.5									12.0	5.6	5.0
(E) 080-100	2.7	2.2	.1									4.9	4.2	4.0
110-130	1.3	.3										1.6	3.1	3.0
140-160	2.4	1.9										4.3	4.1	4.0
(S) 170-190	6.8	6.0	1.1	.1								14.0	5.2	5.0
200-220	5.9	15.7	5.2	1.0	.1							27.8	7.1	7.0
230-250	2.8	6.8	3.1	.2								12.9	7.2	7.0
(W) 260-280	1.5	1.3	.4	.1								3.3	5.8	5.0
290-310	.9		.1									1.0	3.3	3.0
320-340	.8	.1										.9	2.4	2.0
VARIABLE														
CALM	////////////////////											6.5	////	////
TOTALS	34.3	44.9	12.7	1.6	.2							100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.5	1.3	.2									3.0	5.4	4.5
020-040	2.2	2.3	1.1	.2								5.7	6.4	6.0
050-070	2.3	1.9	.9	.2								5.3	6.0	5.0
(E) 080-100	1.3	.6	.1	.1								2.2	4.6	3.0
110-130	1.7	.5										2.3	3.9	4.0
140-160	2.6	1.5	.2									4.3	4.4	4.0
(S) 170-190	3.9	2.8	.8									7.4	4.9	4.0
200-220	4.5	8.4	2.7	.4								16.0	6.6	6.0
230-250	7.8	11.3	5.9	.3								25.4	6.7	7.0
(W) 260-280	3.7	4.5	2.5	.2								0.9	6.7	6.0
290-310	2.5	2.3	.8									5.5	5.7	5.0
320-340	1.2	.8	.2									2.2	4.8	4.0
VARIABLE														
CALM	////////////////////											10.0	////	////
TOTALS	35.2	38.2	15.4	1.4								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	2.2	.7											2.9	3.6	4.0
020-040	4.4	1.5	.5										6.3	4.5	4.0
050-070	2.7	1.3	.1										4.1	4.0	4.0
(E) 080-100	.8	.2											1.0	3.2	3.0
110-130	1.3	.3											1.6	3.1	2.5
140-160	2.4	.5											2.9	2.8	2.0
(S) 170-190	4.4	1.3	.3										6.0	3.5	3.0
200-220	8.9	2.3	.7	.1									12.0	4.0	3.0
230-250	10.7	3.0	.7										14.3	3.7	3.0
(W) 260-280	10.2	3.7	.1										14.0	3.5	3.0
290-310	.6	.6	.2										1.4	5.5	5.5
320-340	1.1	.3											1.5	3.5	3.0
VARIABLE															
CALM	////////////////////											32.1	////	////	
TOTALS	49.7	15.7	2.6	.1									100.0	2.6	3.0
TOTAL NUMBER OF OBSERVATIONS 873															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010		2.7										2.7	7.0	7.0
020-040		1.3										1.3	8.0	8.0
050-070		1.3										1.3	7.0	7.0
(E) 080-100														
110-130	1.3											1.3	1.0	1.0
140-160	1.3											1.3	4.0	4.0
(S) 170-190	5.3	9.3	1.3									16.0	5.8	6.0
200-220	8.0	18.7	14.7	1.3								42.7	7.7	7.0
230-250	5.3	12.0	4.0									21.3	6.9	7.0
(W) 260-280	1.3											1.3	4.0	4.0
290-310														
320-340		1.3										1.3	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////										9.3	////////////////////////////////		
TOTALS	22.5	46.6	20.0	1.3								100.0	6.3	7.0

TOTAL NUMBER OF OBSERVATIONS 75

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.2	.6										2.8	3.7	4.0
020-040	5.9	1.8	.1									7.8	3.5	3.0
050-070	8.1	3.2										11.3	3.7	4.0
(E) 080-100	2.0	.2										2.3	2.8	2.0
110-130	1.2	.1										1.3	2.9	2.5
140-160	4.4	1.0										5.4	3.3	3.0
(S) 170-190	5.8	5.7	.2									11.7	4.6	5.0
200-220	4.1	8.2	2.2	.3								14.7	6.4	6.0
230-250	1.6	.8	.1									2.5	4.2	3.0
(W) 260-280	1.4	.1	.1									1.6	3.6	3.0
290-310	.4	.1										.5	3.4	2.0
320-340	.1											.1	2.0	2.0
VARIABLE														
CALM	////////////////////											38.0	//////////	
TOTALS	37.2	21.8	2.7	.3								100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.1	.2									2.6	4.9	4.5
020-040	4.3	5.6	.6	.1								10.6	5.4	5.0
050-070	6.3	7.1	.6									14.1	5.1	5.0
(E) 080-100	3.3	2.9										6.2	4.3	4.0
110-130	2.3	.4										2.7	2.7	2.0
140-160	2.8	2.6	.1									5.5	4.5	4.0
(S) 170-190	5.4	7.6	.6									13.7	5.3	5.0
200-220	5.9	11.6	4.5									22.0	6.5	6.0
230-250	2.5	5.7	1.9	.1	.1							10.3	6.9	7.0
(W) 260-280	1.8	1.0	.1		.2							3.1	5.4	4.0
290-310	1.0	.4	.2									1.6	4.5	3.0
320-340	.6	.2	.2									1.1	4.6	3.5
VARIABLE														
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	37.5	46.2	9.0	.2	.3							100.0	5.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	1.1	.4									3.4	4.6	4.0
020-040	3.8	2.3	1.1	.2								7.3	5.5	4.0
050-070	4.2	2.2	.3									6.7	4.1	4.0
(E) 080-100	2.4	1.0										3.3	3.5	3.0
110-130	1.6	.9										2.5	3.7	4.0
140-160	1.5	.6										2.2	3.6	4.0
(S) 170-190	4.5	3.3	.2									8.1	4.4	4.0
200-220	5.1	8.5	2.3									15.8	6.3	6.0
230-250	7.0	11.4	3.9	.2	.1							22.6	6.7	6.0
(W) 260-280	3.4	5.5	1.3	.2								10.4	6.1	6.0
290-310	2.4	2.3	.3	.2								5.2	5.3	5.0
320-340	2.8	1.4	.2									4.4	4.1	4.0
VARIABLE														
CALM	////////////////////											8.2	////	////
TOTALS	40.6	40.5	10.0	.8	.1							100.0	5.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	1.2	.2									3.0	4.7	4.0
020-040	2.9	3.0	.5	.1								6.6	5.3	5.0
050-070	2.4	1.7	.1									4.2	4.6	4.0
(E) 080-100	2.3	.2										2.5	2.9	3.0
110-130	.8											.8	2.9	2.0
140-160	1.1	.3										1.4	3.4	3.0
(S) 170-190	2.9	1.3	.2									4.4	3.8	3.0
200-220	7.2	2.9	.8	.1								11.0	4.3	3.0
230-250	11.6	2.7	.2									14.5	3.5	3.0
(W) 260-280	9.7	1.5	.2									11.4	3.4	3.0
290-310	2.2	.3	.1									2.6	3.7	3.0
320-340	.9	.4										1.3	3.9	4.0
VARIABLE														
CALM	////////////////////											36.5	////	////
TOTALS	45.6	15.5	2.3	.2								100.0	2.5	3.0
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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010														
020-040	1.4											1.4	4.0	4.0
050-070	1.4									1.4		2.0	2.0	
(E) 080-100														
110-130	1.4											1.4	2.0	2.0
140-160	1.4											1.4	4.0	4.0
(S) 170-190	11.3	12.7	1.4									25.4	4.7	5.0
200-220	9.9	21.1	5.6									36.6	6.2	6.5
230-250	7.0	4.2	4.2									15.5	6.5	6.0
(W) 260-280														
290-310	1.4											1.4	2.0	2.0
320-340														
VARIABLE														
CALM	////////////////////////////////////										15.5	////////////////////////////////		
TOTALS	35.2	38.0	11.2									100.0	4.6	5.0

TOTAL NUMBER OF OBSERVATIONS 71

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	.6										1.8	3.8	3.5
020-040	7.7	3.9	1.0	.1								12.7	4.9	4.0
050-070	11.6	5.3	.2	.2								17.3	4.0	4.0
(E) 080-100	3.2	.4										3.7	2.8	2.0
110-130	1.6											1.6	2.4	2.5
140-160	2.8	1.1										3.9	3.5	3.0
(S) 170-190	3.7	3.0	.2									6.9	5.0	4.0
200-220	3.2	8.4	3.0									14.7	6.9	7.0
230-250	2.2	2.4	1.3									6.0	6.6	6.0
(W) 260-280	1.4											1.4	2.5	2.0
290-310	.3	.2										.6	4.0	4.0
320-340	.6	.3										.9	4.8	4.0
VARIABLE														
CALM	////////////////////											28.7	////	////
TOTALS	39.5	25.6	5.7	.3								100.0	3.5	4.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
(N) 350-010	.6	.4										1.0	4.3	4.0	
020-040	4.0	7.3	3.9	.3	.1							15.7	7.4	7.0	
050-070	5.8	10.7	2.4	.3								19.2	6.5	6.0	
(E) 080-100	4.7	2.3										7.0	4.0	4.0	
110-130	3.1	.9	.2									4.2	3.5	3.0	
140-160	3.2	1.6										4.8	3.9	4.0	
(S) 170-190	4.0	5.6	.8									10.3	5.5	5.0	
200-220	3.2	8.6	5.3	.6		.1						17.8	7.8	8.0	
230-250	1.7	5.0	3.9	1.1								11.7	8.8	8.0	
(W) 260-280	.7	.9	.4									2.0	6.3	5.0	
290-310	.7	.4	.1									1.2	4.8	4.0	
320-340	1.2	.6										1.8	3.5	2.5	
VARIABLE															
CALM	////////////////////////////////////											3.3	////////////////////////////////		
TOTALS	32.9	44.3	17.0	2.3	.1	.1						100.0	6.3	6.0	
TOTAL NUMBER OF OBSERVATIONS													900		

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.8	1.0	.3									3.1	4.8	4.0
020-040	5.3	4.9	3.7	.8								14.7	6.9	6.0
050-070	4.8	3.0	1.6	.3								9.7	5.7	5.0
(E) 080-100	1.4	1.0										2.4	4.4	4.0
110-130	1.0	.3										1.3	2.9	2.0
140-160	.7	.6										1.2	4.2	4.0
(S) 170-190	2.4	1.9	.1									4.5	4.6	4.0
200-220	4.1	8.8	3.5	.2	.1							16.7	6.7	6.0
230-250	5.6	8.7	6.8	1.6								22.6	7.9	7.0
(W) 260-280	2.3	3.0	1.4	.6	.1							7.5	7.4	7.0
290-310	2.2	1.6	.2	.1								4.1	4.6	4.0
320-340	2.0	2.0	.2									4.2	5.0	5.5
VARIABLE														
CALM	////////////////////											7.9	////	////
TOTALS	33.6	36.8	17.8	3.6	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	.7										2.3	3.8	4.0
020-040	5.6	4.6	1.7									11.8	5.4	5.0
050-070	2.8	3.5	.7									6.9	5.3	5.0
(E) 080-100	1.8	.4										2.2	3.3	3.5
110-130	.6	.1										.7	3.2	3.0
140-160	.8	.2										1.0	3.6	4.0
(S) 170-190	3.1	1.4	.3									4.9	4.3	3.5
200-220	5.6	5.6	1.2	.2								12.6	5.3	5.0
230-250	7.2	4.1	1.8	.4								13.6	5.5	4.0
(W) 260-280	8.2	2.2	.4	.2								11.1	4.0	3.0
290-310	1.6	.1	.1	.1								1.9	3.9	3.0
320-340	1.2	.7										1.9	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											29.0	////////////////////////////////	
TOTALS	40.2	23.6	6.2	.9								100.0	3.5	4.0

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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2											1.2	2.0	2.0
020-040	3.6	.8										4.4	3.6	3.0
050-070	4.8	5.2										10.0	4.8	5.0
(E) 080-100	1.6	1.2										2.8	4.6	4.0
110-130	1.2											1.2	2.7	2.0
140-160	2.4	1.6										4.0	4.2	4.0
(S) 170-190	3.6	3.2	1.2									8.0	5.9	6.0
200-220	2.4	16.7	11.2	.8		.4						31.5	8.7	8.0
230-250	3.2	8.4	6.8	2.8		.4						21.5	9.5	8.5
(W) 260-280	.4	1.2	2.0	.4	.4							4.4	10.4	10.0
290-310	.4	.8	.4									1.6	6.8	6.0
320-340	.8											.8	2.0	2.0
VARIABLE														
CALM	////////////////////											8.8	////	////
TOTALS	25.6	39.1	21.6	4.0	.4	.8						100.0	6.8	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.1	1.1	.1									2.3	5.0	5.0
020-040	8.2	1.7	.4	.1	.1							10.5	4.0	3.0
050-070	12.3	7.6	.2									20.1	4.4	4.0
(E) 080-100	3.1	1.4	.1									4.6	3.8	3.0
110-130	1.2	.2										1.4	3.2	2.0
140-160	2.0	.9	.3									3.2	4.5	4.0
(S) 170-190	3.1	3.4	.2									6.8	4.8	5.0
200-20	2.2	5.6	2.9	.3								11.0	7.5	7.0
230-250	1.3	1.3	1.6	.2								4.4	8.0	8.0
(W) 260-280	1.6	.6										2.3	3.8	3.0
290-310	.9	.4										1.3	3.8	4.0
320-340	.5	.6										1.2	4.5	5.0
VARIABLE														
CALM	////////////////////////////////////											31.0	////////////////////////////////	
TOTALS	37.5	24.8	5.8	.6	.1							100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.0	.5	.6									2.2	6.1	5.5
020-040	3.8	5.4	1.2	.4	.1							10.9	6.1	5.0
050-070	7.0	14.8	2.5	.1								24.4	6.0	6.0
(E) 080-100	5.7	2.5										8.2	3.8	3.5
110-130	1.3	.8										2.0	3.9	3.0
140-160	3.7	2.2	.1									5.9	4.2	4.0
(S) 170-190	5.1	6.6	1.4									13.0	5.7	6.0
200-220	3.8	7.3	5.1	1.0	.1							17.2	8.1	8.0
230-250	1.4	2.2	2.3	.8	.1							6.7	9.1	9.0
(W) 260-280	.4	.3	.6									1.4	7.2	6.0
290-310	.1	.2	.1									.4	6.3	6.5
320-340	.5	.9										1.4	5.4	6.0
VARIABLE														
CALM	////////////////////											6.3	//////////	
TOTALS	33.8	43.7	13.9	2.3	.3							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	1.1										3.4	4.0	3.5
020-040	8.1	5.2	.4	.3								14.0	4.6	4.0
050-070	6.3	5.7	.6									12.7	4.9	4.5
(E) 080-100	2.3	.4	.1									2.8	3.5	3.0
110-130	.9	.1										1.0	2.6	2.0
140-160	2.4	.4	.2									3.0	3.7	3.0
(S) 170-190	3.2	2.9	.4									6.6	5.0	5.0
200-220	5.6	8.2	2.7	.8	.2							17.4	6.9	6.0
230-250	5.5	5.1	3.9	.5								14.9	7.2	6.0
(W) 260-280	3.3	2.7	.1	.3								6.5	5.3	4.0
290-310	1.5	1.0	.8									3.2	6.2	5.0
320-340	1.1	.4										1.5	3.7	3.5
VARIABLE														
CALM	////////////////////											13.0	////	////
TOTALS	42.6	33.2	9.2	1.9	.2							100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.2	1.0										2.2	4.5	4.0
020-040	4.3	2.4	.3	.1								7.1	4.6	4.0
050-070	6.7	3.9										10.5	4.0	4.0
(E) 080-100	1.9	1.0										2.9	4.3	4.0
110-130	1.4											1.4	2.4	2.0
140-160	2.2	.9										3.0	3.6	3.5
(S) 170-190	3.5	3.7	.5									7.7	5.2	5.0
200-220	4.1	5.2	2.3	.3								11.8	6.6	6.0
230-250	4.0	1.7	1.1	.2								7.0	5.3	4.0
(W) 260-280	5.4	1.2	.2									6.8	3.6	3.0
290-310	1.6	.9	.2									2.7	4.9	4.0
320-340	.4	.5										1.0	4.8	6.0
VARIABLE														
CALM	////////////////////											35.9	////	////
TOTALS	36.7	22.4	4.6	.6								100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN %	WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	.9												.9	3.0	3.0
020-040	5.2	1.8	1.2	.3									8.5	5.1	4.0
050-070	5.2	3.6	1.2										10.0	5.0	4.0
(E) 080-100	2.4	.9											3.3	3.9	4.0
110-130	1.8												1.8	1.7	1.5
140-160	4.6	1.5											6.1	3.6	3.0
(S) 170-190	5.2	5.8	1.5										12.5	5.5	5.0
200-220	3.3	14.3	9.7	.6									28.0	8.2	8.0
230-250	2.4	1.8	4.3										8.5	7.6	9.5
(W) 260-280	.6	.3	.3										1.2	5.3	4.5
290-310	.3												.3	3.0	3.0
320-340	.9	.3											1.2	3.3	2.5
VARIABLE															
CALM	////////////////////											17.6	////	////	
TOTALS	32.8	30.3	18.2	.9									100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 329

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.7										1.2	5.1	5.0
020-040	6.3	5.6	1.2	.3	.2	.1						13.8	6.0	5.0
050-070	7.6	7.6	.8									15.9	4.9	5.0
(E) 080-100	2.4	1.7	.2									4.3	4.1	4.0
110-130	1.3	1.2	.1									2.7	4.5	4.5
140-160	2.9	3.2	.8	.1								7.0	5.6	5.0
(S) 170-190	3.1	6.6	1.6			.1						11.3	6.5	6.0
200-220	2.7	6.8	5.4	1.4	.1	.1						16.6	8.8	8.0
230-250	1.3	2.6	1.0	.3	.1							5.3	7.4	7.0
(W) 260-280	1.1											1.1	2.6	2.5
290-310	.7	.2										.9	3.4	3.0
320-340	.2	.3										.6	4.4	5.0
VARIABLE														
CALM	////////////////////											19.3	////////////////	
TOTALS	30.2	36.5	11.1	2.1	.4	.3						100.0	5.0	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.6	.3	.1								2.0	6.2	5.0
020-040	2.7	6.6	2.1	.3								11.7	6.9	6.0
050-070	7.1	8.4	3.2	.1								18.9	6.1	6.0
(E) 080-100	2.7	3.1	.2									6.0	5.0	5.0
110-130	2.8	1.8	.3	.1								5.0	4.8	4.0
140-160	3.6	2.8	1.7	.1								8.1	6.0	6.0
(S) 170-190	2.0	5.8	1.0	.3			.1					9.2	7.2	7.0
200-220	2.2	7.8	6.7	1.3	.8							18.8	9.6	9.0
230-250	1.4	2.3	1.9	.7								6.3	8.6	9.0
(W) 260-280	1.2	.7	.1	.3								2.3	6.6	4.0
290-310	.3	.3	.1									.8	5.9	7.0
320-340	.6	.6										1.1	4.3	4.5
VARIABLE														
CALM	////////////////////											9.8	////////////////	
TOTALS	27.6	40.8	17.6	3.3	.8		.1					100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 900														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	.2	.1									2.3	3.3	3.0
020-040	5.8	7.7	1.7	.6								15.7	6.1	6.0
050-070	4.1	8.7	1.1									13.9	6.0	6.0
(E) 080-100	1.8	.8	.1									2.7	4.3	4.0
110-130	1.9	.6										2.4	3.3	3.0
140-160	2.9	2.3	1.2	.2								6.7	6.3	5.0
(S) 170-190	3.6	4.4	1.0	.3								9.3	5.8	5.0
200-220	4.1	7.7	6.0	.6	.6	.3						19.2	8.7	8.0
230-250	3.3	3.0	2.1	.4		.1						9.0	7.0	6.0
(W) 260-280	2.0	.8	.3	.1								3.2	5.1	4.0
290-310	.9	1.0										1.9	5.3	6.0
320-340	.4	.4	.2									1.1	5.8	5.5
VARIABLE														
CALM	////////////////////											12.6	////	////
TOTALS	32.8	37.6	13.8	2.2	.6	.4						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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	2.0	.2										2.2	3.2	3.0
020-040	5.9	5.4	1.2	.3	.1							13.0	5.6	5.0
050-070	5.3	8.0	.9	.3								14.6	5.7	6.0
(E) 080-100	2.8	.9	.1									3.8	3.9	3.5
110-130	2.6	.8										3.3	3.4	3.0
140-160	3.6	3.1	.3									7.0	4.9	4.0
(S) 170-190	4.2	4.8	1.4	.1								10.6	5.9	5.0
200-220	3.3	7.3	5.3	1.4	.4	.1						18.0	8.8	8.0
230-250	2.3	2.3	1.3	.1	.1							6.2	6.9	7.0
(W) 260-280	2.3	.1	.1									2.6	3.3	3.0
290-310	.7	.2										.9	3.3	3.0
320-340	.7	.1	.2									1.0	5.0	4.0
VARIABLE														
CALM	////////////////////											16.9	////////////////	
TOTALS	35.7	33.2	10.8	2.2	.6	.1						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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	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	.5	.1									1.8	3.7	3.0
020-040	2.9	2.9	1.2	.1	.1							7.1	6.2	5.0
050-070	5.0	3.9	1.4	.1								10.4	5.6	5.0
(E) 080-100	2.6	2.1	.2									4.9	4.7	4.0
110-130	2.5	1.1	.1									3.7	3.9	3.0
140-160	3.3	2.6	1.2	.1								7.2	5.6	5.0
(S) 170-190	4.4	5.6	1.6									11.7	6.1	6.0
200-220	5.3	9.3	5.7	.9	.1							21.3	7.6	8.0
230-250	3.8	4.3	1.2	.4								9.7	6.1	6.0
(W) 260-280	1.6	1.1	.3									3.0	5.1	4.0
290-310	.6	.4										1.0	3.8	3.0
320-340	.6	.1	.1									.8	4.0	4.0
VARIABLE														
CALM	////////////////////											17.4	////	////
TOTALS	33.9	33.9	13.1	1.6	.2							100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 1707

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	.8	.6	.1									1.5	5.2	4.5
020-040	7.5	5.6	1.1	.3								14.5	5.2	4.0
050-070	7.6	5.1	1.4									14.1	4.9	4.0
(E) 080-100	1.8	1.1	.1									3.0	4.4	4.0
110-130	.6	.8	.2									1.6	5.3	5.0
140-160	2.3	1.4	.4	.1								4.2	5.3	4.0
(S) 170-190	3.9	1.8	1.1	.4								7.2	5.8	4.0
200-220	3.0	4.2	4.0	2.3	1.6	.1						15.2	10.6	10.0
230-250	.8	.8	1.6	1.0	.1	.1						4.3	10.9	11.5
(W) 260-280	1.3	.9	.1	.1								2.4	5.1	4.0
290-310	.8	.5	.1									1.4	4.8	3.0
320-340	.9	.5										1.4	3.9	4.0
VARIABLE														
CALM	////////////////////											29.2	////	////
TOTALS	31.3	23.3	10.2	4.2	1.7	.2						100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 930														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.6	1.0	.2									2.8	4.7	4.0
020-040	6.7	7.8	1.8	.3								16.7	5.9	5.0
050-070	5.4	7.6	1.9	.1								15.1	5.8	5.0
(E) 080-100	4.1	1.6										5.7	3.5	4.0
110-130	1.7	.4										2.2	2.6	2.0
140-160	2.9	1.3	.4	.3								4.9	5.3	4.0
(S) 170-190	3.7	3.8	1.8	.2	.1							9.6	6.7	6.0
200-220	4.6	4.1	4.0	.8	.8	.3	.1					14.6	8.8	8.0
230-250	1.0	1.2	2.2	.6								4.9	9.5	10.0
(W) 260-280	.8	1.1	.8	.1								2.7	7.2	7.0
290-310	.3	.5	.1	.1								1.1	6.1	6.0
320-340	.4	.1										.5	2.8	1.0
VARIABLE														
CALM	////////////////////											19.2	////////////////	
TOTALS	33.2	30.5	13.2	2.5	.9	.3	.1					100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.5	1.3	.3									3.1	4.7	5.0
020-040	8.4	8.1	2.3	.2								18.9	5.7	5.0
050-070	5.6	4.2	1.7	.1								11.6	5.4	5.0
(E) 080-100	1.8	1.2										3.0	3.8	3.5
110-130	2.2	.9	.2									3.2	4.2	4.0
140-160	2.7	1.7	.2	.1	.1							4.8	5.4	4.0
(S) 170-190	5.1	1.4	1.0		.1							7.5	4.8	4.0
200-220	2.6	3.2	3.5	1.4	.8							11.5	9.4	9.0
230-250	3.7	2.5	1.8	.1	.3							8.4	6.7	5.5
(W) 260-280	1.9	.9	.3									3.1	4.7	4.0
290-310	1.4	.6										2.0	4.2	4.0
320-340	1.0	.3										1.3	3.6	3.0
VARIABLE														
CALM	////////////////////											21.4	////	////
TOTALS	37.9	26.3	11.3	1.9	1.3							100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	1.4	.8										2.2	3.9	4.0
020-040	8.4	5.8	1.2	.2	.1							15.7	5.2	4.0
050-070	5.6	3.4	1.0									10.0	4.8	4.0
(E) 080-100	2.2	.4	.1									2.7	3.5	3.0
110-130	1.2	.5	.1									1.8	4.5	3.0
140-160	2.8	1.4	.4	.3								4.9	5.5	4.0
(S) 170-190	2.8	3.7	1.2	.3								8.0	6.6	6.0
200-220	2.0	3.2	2.8	1.8	.9	.1						10.9	10.4	10.0
230-250	1.3	1.1	.8	.4	.3							3.9	8.6	7.5
(W) 260-280	2.7	.9			.1							3.7	4.6	4.0
290-310	1.3	.4										1.7	3.3	3.0
320-340	.5	.6										1.2	4.5	5.0
VARIABLE														
CALM	////////////////////											33.4	////	////
TOTALS	32.2	22.2	7.6	3.0	1.4	.1						100.0	4.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	.6	.2									2.0	4.2	3.0
020-040	6.4	4.2	.7	.1								11.3	4.8	4.0
050-070	6.3	5.4	1.4	.2								13.2	5.3	5.0
(E) 080-100	2.1	1.1	.0									3.2	3.8	3.0
110-130	1.4	.9	.0									2.4	3.9	3.0
140-160	2.6	1.6	.6	.2								4.9	5.5	4.0
(S) 170-190	4.2	3.1	1.5	.3	.0							9.2	6.0	5.0
200-220	4.3	5.8	3.4	.7	.3	.0						14.6	7.7	7.5
230-250	2.6	1.8	1.8	.4	.1							6.7	7.3	6.0
(W) 260-280	2.0	.8										2.8	3.8	4.0
290-310	.8	.3	.1									1.1	4.1	3.5
320-340	.8	.2	.1									1.0	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											27.4	////////////////////////////////	
TOTALS	34.7	25.8	9.8	1.9	.4							100.0	4.2	5.0

TOTAL NUMBER OF OBSERVATIONS 2485

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	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	.1									1.4	4.1	3.0
020-040	3.9	3.0	1.3	.3	.1							8.5	6.0	5.0
050-070	4.9	4.4	1.0	.1	.0							10.5	5.4	5.0
(E) 080-100	2.4	1.4	.1	.0								3.9	4.4	4.0
110-130	1.9	1.0	.1									2.9	4.0	3.0
140-160	3.0	2.0	.6	.1								5.7	5.3	4.0
(S) 170-190	4.8	5.5	1.8	.2	.0							12.3	6.1	6.0
200-220	4.6	9.8	5.6	1.1	.2	.0	.0					21.4	7.9	8.0
230-250	3.1	3.7	2.0	.5	.1	.0	.0					9.4	7.2	6.0
(W) 260-280	1.6	1.0	.3	.0	.0	.0						2.9	5.0	4.0
290-310	.7	.2	.1									.9	3.7	3.0
320-340	.5	.2	.1									.7	4.0	3.0
VARIABLE														
CALM	////////////////////////////////////											19.3	////////////////////////////////	
TOTALS	32.3	32.6	13.1	2.3	.4							100.0	5.1	6.0

TOTAL NUMBER OF OBSERVATIONS: 9823

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

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 ATEGORY NOT INCLUDED IN COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS," HOWEVER, ARE INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.2	25.3	25.5	25.8	26.2	26.3	26.5	26.7	26.7	27.0	27.4	27.5	28.1	28.4	29.0	30.0
GE 20000	26.7	26.8	27.0	27.3	27.7	27.8	28.1	28.3	28.3	28.6	29.0	29.1	29.7	30.0	30.6	31.6
GE 18000	26.7	26.8	27.0	27.3	27.7	27.8	28.1	28.3	28.3	28.6	29.0	29.1	29.7	30.0	30.6	31.6
GE 16000	26.7	26.8	27.0	27.3	27.7	27.8	28.1	28.3	28.3	28.6	29.0	29.1	29.7	30.0	30.6	31.6
GE 14000	27.0	27.1	27.3	27.6	28.1	28.2	28.4	28.8	28.8	29.1	29.6	29.7	30.2	30.5	31.2	32.2
GE 12000	29.0	29.1	29.4	29.8	30.2	30.3	30.6	31.1	31.1	31.4	31.8	31.9	32.6	32.9	33.5	34.5
GE 10000	33.3	33.4	33.7	34.1	34.6	34.7	35.1	35.5	35.5	35.8	36.2	36.3	37.0	37.3	38.0	38.9
GE 9000	33.9	34.0	34.2	34.6	35.2	35.3	35.6	36.0	36.0	36.3	36.8	36.9	37.5	37.8	38.5	39.5
GE 8000	37.3	37.5	37.7	38.3	38.9	39.0	39.4	39.8	39.8	40.1	40.5	40.6	41.3	41.6	42.3	43.2
GE 7000	39.7	39.9	40.2	41.0	41.7	41.8	42.2	42.6	42.7	43.0	43.4	43.5	44.2	44.5	45.2	46.1
GE 6000	40.5	40.8	41.1	41.8	42.6	42.7	43.0	43.4	43.5	43.9	44.3	44.4	45.1	45.4	46.0	47.0
GE 5000	42.6	42.9	43.2	44.1	44.8	44.9	45.3	45.7	45.8	46.1	46.6	46.7	47.3	47.6	48.3	49.2
GE 4500	43.3	43.8	44.1	44.9	45.7	45.8	46.1	46.6	46.7	47.0	47.4	47.5	48.2	48.5	49.1	50.1
GE 4000	44.9	45.4	45.7	46.6	47.3	47.4	47.7	48.2	48.3	48.6	49.0	49.1	49.8	50.1	50.8	51.7
GE 3500	46.9	47.3	47.6	48.5	49.2	49.4	49.8	50.3	50.4	50.8	51.3	51.4	52.0	52.4	53.0	54.0
GE 3000	47.6	48.1	48.4	49.2	50.1	50.2	51.0	51.5	51.6	51.9	52.5	52.6	53.2	53.5	54.2	55.2
GE 2500	49.4	49.9	50.3	51.3	52.2	52.3	53.3	54.2	54.3	54.7	55.3	55.4	56.0	56.3	57.0	58.0
GE 2000	50.8	51.6	52.0	53.0	53.9	54.0	55.1	55.9	56.0	56.7	57.2	57.3	58.0	58.3	58.9	59.9
GE 1800	50.9	52.0	52.5	53.4	54.4	54.5	55.6	56.8	56.9	57.5	58.1	58.2	58.8	59.1	59.8	60.8
GE 1500	52.3	53.4	53.9	54.9	56.1	56.5	57.5	58.7	58.8	59.5	60.1	60.2	60.9	61.2	61.8	62.8
GE 1200	53.0	54.3	54.9	56.1	57.5	57.8	58.9	60.1	60.2	61.0	61.6	61.7	62.6	62.9	63.5	64.5
GE 1000	53.3	54.6	55.6	56.9	58.4	58.7	59.9	61.1	61.2	62.0	62.7	62.8	63.7	64.0	64.6	65.6
GE 900	54.3	55.6	56.8	58.2	59.9	60.2	61.4	62.6	62.7	63.7	64.3	64.4	65.3	65.6	66.2	67.2
GE 800	54.7	56.1	57.3	58.8	60.5	60.9	62.0	63.3	63.4	64.4	65.1	65.2	66.0	66.3	67.0	68.0
GE 700	55.7	57.1	58.4	60.0	61.8	62.2	63.3	64.6	64.7	65.7	66.5	66.6	67.5	67.8	68.5	69.5
GE 600	56.8	58.3	59.7	61.5	63.8	64.1	65.5	67.1	67.2	68.3	69.1	69.2	70.2	70.5	71.2	72.2
GE 500	57.4	58.9	60.4	62.4	64.8	65.2	66.8	68.7	68.8	70.0	71.0	71.1	72.0	72.5	73.4	74.4
GE 400	58.6	60.1	62.0	64.2	67.0	67.3	69.0	71.5	71.7	73.1	74.5	74.6	75.9	76.5	77.6	78.7
GE 300	59.1	61.1	63.4	65.8	68.6	68.9	71.2	74.1	74.4	77.3	79.2	79.8	82.4	83.3	86.6	88.3
GE 200	59.6	61.7	64.2	66.6	69.4	69.7	72.2	75.6	75.9	79.2	82.4	83.1	86.6	88.4	92.9	95.8
GE 100	59.6	61.7	64.2	66.6	69.4	69.7	72.4	75.8	76.2	79.7	82.9	83.7	87.1	89.0	94.5	98.9
GE 000	59.6	61.7	64.2	66.6	69.4	69.7	72.4	75.8	76.2	79.7	83.1	83.9	87.3	89.2	95.1	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.0	21.7	22.3	22.5	22.9	22.9	23.3	23.5	23.7	23.8	24.0	24.2	24.9	25.3	25.7	25.7
GE 20000	24.8	25.7	26.6	26.8	27.2	27.2	27.6	28.0	28.1	28.5	28.8	29.1	29.9	30.3	30.9	30.9
GE 18000	25.2	26.0	26.9	27.1	27.5	27.5	28.0	28.3	28.4	28.8	29.1	29.5	30.2	30.6	31.2	31.2
GE 16000	25.2	26.0	26.9	27.1	27.5	27.5	28.0	28.3	28.4	28.8	29.1	29.5	30.2	30.6	31.2	31.2
GE 14000	26.7	27.5	28.4	28.6	29.1	29.1	29.6	29.9	30.0	30.4	30.8	31.1	31.8	32.3	32.8	32.8
GE 12000	29.1	30.0	31.0	31.2	31.7	31.7	32.2	32.5	32.6	33.0	33.3	33.7	34.4	34.8	35.4	35.4
GE 10000	33.2	34.3	35.3	35.7	36.2	36.2	36.7	37.0	37.1	37.5	37.8	38.2	38.9	39.4	39.9	39.9
GE 9000	35.1	36.1	37.1	37.5	38.1	38.1	38.5	38.8	38.9	39.4	39.7	40.0	40.8	41.2	41.7	41.7
GE 8000	38.8	40.0	41.0	41.4	42.0	42.0	42.5	42.8	42.9	43.5	43.9	44.2	45.1	45.5	46.0	46.0
GE 7000	40.5	41.7	42.7	43.3	44.0	44.0	44.5	44.8	44.9	45.6	46.0	46.3	47.2	47.6	48.2	48.2
GE 6000	41.3	42.5	43.4	44.2	44.9	44.9	45.5	45.8	45.9	46.6	47.0	47.3	48.2	48.6	49.1	49.1
GE 5000	43.5	44.7	45.7	46.6	47.4	47.4	48.0	48.3	48.4	49.0	49.5	49.8	50.6	51.1	51.6	51.6
GE 4500	45.3	46.5	47.4	48.3	49.4	49.4	49.9	50.3	50.4	51.1	51.5	51.8	52.7	53.1	53.7	53.7
GE 4000	46.2	47.4	48.4	49.2	50.3	50.3	50.9	51.4	51.5	52.2	52.6	52.9	53.9	54.3	54.8	54.8
GE 3500	47.3	48.6	49.8	50.8	51.8	51.8	52.4	52.9	53.0	53.7	54.1	54.4	55.4	55.8	56.3	56.3
GE 3000	48.2	49.5	50.8	51.7	52.9	52.9	53.4	54.1	54.2	54.8	55.3	55.6	56.6	57.0	57.5	57.5
GE 2500	49.4	51.1	52.6	53.8	54.9	55.1	55.8	56.6	56.7	57.4	57.8	58.2	59.1	59.6	60.1	60.1
GE 2000	50.3	52.2	53.8	54.9	56.1	56.2	57.3	58.3	58.4	59.2	59.7	60.0	61.0	61.4	61.9	61.9
GE 1800	50.6	52.7	54.3	55.5	56.7	56.8	57.8	58.8	58.9	59.8	60.2	60.5	61.5	61.9	62.5	62.5
GE 1500	51.5	53.7	55.3	56.7	58.1	58.2	59.2	60.3	60.4	61.3	61.7	62.0	63.1	63.5	64.2	64.2
GE 1200	52.9	55.4	57.0	58.7	60.8	61.0	62.0	63.1	63.2	64.1	64.6	64.9	66.0	66.5	67.1	67.1
GE 1000	53.0	55.5	57.2	59.0	61.3	61.5	62.6	63.7	63.8	64.9	65.5	65.8	67.2	67.6	68.3	68.3
GE 900	53.7	56.1	57.8	59.7	62.4	62.6	63.8	64.9	65.1	66.2	66.9	67.2	68.6	69.0	69.7	69.7
GE 800	54.1	56.8	58.7	60.9	63.8	64.0	65.3	66.8	66.9	68.3	69.0	69.4	70.9	71.3	71.9	71.9
E 700	54.5	57.3	59.4	61.6	64.7	65.2	66.7	68.3	68.5	70.0	70.8	71.1	72.6	73.0	73.7	73.7
GE 600	54.7	57.5	59.7	61.9	65.1	65.6	67.4	69.2	69.5	71.3	72.2	72.5	74.0	74.4	75.1	75.1
GE 500	55.2	58.0	60.3	63.1	66.6	67.3	69.4	71.2	71.6	73.9	74.9	75.6	77.2	77.6	78.3	78.3
GE 400	55.8	58.8	61.4	64.5	69.0	69.9	72.2	74.5	74.9	78.1	79.7	80.4	82.5	83.4	84.3	84.5
GE 300	55.8	58.9	61.5	64.8	70.2	71.3	74.0	77.1	77.7	82.5	84.7	85.7	88.7	90.0	92.0	93.3
GE 200	55.9	59.0	61.6	64.9	70.6	71.7	74.4	77.8	78.5	83.5	86.1	87.4	90.9	92.8	95.7	97.8
GL 100	55.9	59.0	61.6	64.9	70.6	71.7	74.4	78.0	78.6	83.7	86.3	87.6	91.2	93.2	96.5	100.0
GF 000	55.9	59.0	61.6	64.9	70.6	71.7	74.4	78.0	78.6	83.7	86.3	87.6	91.2	93.2	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	26.2	27.0	27.1	27.2	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.6	27.7	28.0	28.1
GE 20000	32.3	33.3	33.4	33.5	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.5	34.6	34.8	34.9
GE 18000	32.6	33.7	33.8	33.9	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.8	34.9	35.2	35.4
GE 16000	32.6	33.7	33.8	33.9	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.8	34.9	35.2	35.4
GE 14000	33.8	34.8	34.9	35.1	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.7	36.0	36.1	36.3	36.6
GE 12000	37.4	38.5	39.1	39.2	39.7	39.7	39.8	39.9	39.9	39.9	39.9	39.9	40.0	40.3	40.4	40.6	40.9
GE 10000	42.0	43.1	43.9	44.0	44.4	44.4	44.5	44.7	44.7	44.7	44.7	44.7	44.8	45.2	45.3	45.5	45.7
GE 9000	43.5	44.6	45.4	45.5	45.9	45.9	46.0	46.2	46.2	46.2	46.2	46.2	46.3	46.7	46.8	47.0	47.2
GE 8000	47.5	48.6	49.4	49.5	50.0	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.4	50.8	50.9	51.1	51.3
GE 7000	50.2	51.3	52.0	52.2	52.7	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.4	53.5	53.8	54.0
GE 6000	51.1	52.3	53.1	53.2	53.8	53.8	53.9	54.1	54.1	54.1	54.1	54.1	54.2	54.5	54.6	54.8	55.1
GE 5000	53.0	54.5	55.4	55.5	56.1	56.1	56.3	56.6	56.7	56.9	56.9	56.9	57.0	57.3	57.4	57.6	57.8
GE 4500	53.9	55.4	56.2	56.3	57.0	57.0	57.2	57.4	57.5	57.7	57.7	57.7	57.8	58.2	58.3	58.5	58.7
GE 4000	55.4	56.9	58.0	58.1	58.8	58.8	59.0	59.2	59.4	59.6	59.6	59.6	59.7	60.0	60.1	60.3	60.5
GE 3500	56.5	58.1	59.2	59.4	60.2	60.2	60.4	60.6	60.8	61.0	61.0	61.0	61.1	61.4	61.5	61.7	61.9
GE 3000	57.4	59.2	60.4	60.8	61.8	61.9	62.3	62.5	62.6	62.8	62.8	62.9	63.2	63.3	63.5	63.8	63.9
GE 2500	58.9	61.1	62.3	62.9	64.0	64.1	64.4	64.7	64.8	65.1	65.1	65.2	65.5	65.6	65.8	66.0	66.0
GE 2000	60.9	63.0	64.2	64.8	65.9	66.0	66.3	66.7	66.9	67.1	67.1	67.2	67.5	67.6	67.8	68.1	68.1
GE 1800	61.1	63.2	64.4	65.1	66.1	66.2	66.6	66.9	67.1	67.3	67.3	67.4	67.7	67.8	68.1	68.3	68.3
GE 1500	61.8	64.3	65.5	66.1	67.4	67.5	68.1	68.4	68.6	69.0	69.0	69.1	69.5	69.6	69.8	70.0	70.0
GE 1200	63.4	65.9	67.2	68.1	69.6	69.8	70.3	70.6	70.9	71.4	71.4	71.5	71.8	71.9	72.2	72.4	72.4
GE 1000	65.4	68.0	69.5	70.3	71.9	72.2	72.7	73.0	73.3	74.3	74.4	74.5	74.8	74.9	75.3	75.5	75.5
GE 900	66.3	68.9	70.4	71.4	73.0	73.2	73.8	74.2	74.5	75.6	75.8	76.0	76.6	76.7	77.1	77.3	77.3
GE 800	67.3	70.1	71.7	72.7	74.3	74.5	75.1	75.5	75.9	77.3	77.6	77.8	78.5	78.6	79.0	79.2	79.2
GE 700	68.0	70.8	72.6	73.5	75.2	75.4	76.0	76.5	76.9	78.5	78.8	79.2	79.9	80.0	80.4	80.6	80.6
GE 600	68.6	71.6	73.5	74.9	76.9	77.1	77.7	78.2	78.9	80.9	81.4	82.0	82.7	82.8	83.2	83.4	83.4
GE 500	69.1	72.2	74.2	75.9	78.2	78.4	79.2	79.8	80.6	83.4	84.5	85.4	86.0	86.1	86.6	86.8	86.8
GE 400	69.5	72.6	74.7	76.8	79.5	79.7	81.1	81.9	82.8	86.1	87.3	88.4	89.2	89.5	90.1	90.3	90.3
GE 300	69.5	72.6	74.7	76.9	80.1	80.4	82.4	83.4	84.5	88.7	90.0	91.2	92.6	92.9	94.1	94.8	94.8
GE 200	69.5	72.6	74.7	76.9	80.1	80.4	82.5	83.8	84.8	89.4	91.0	92.4	94.5	95.4	97.2	98.1	98.1
GE 100	69.5	72.6	74.7	76.9	80.1	80.4	82.5	83.8	84.8	89.4	91.0	92.4	94.5	95.5	97.6	100.0	100.0
GE 000	69.5	72.6	74.7	76.9	80.1	80.4	82.5	83.8	84.8	89.4	91.0	92.4	94.5	95.5	97.6	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.8	29.4	29.7	30.0	30.6	30.8	30.9	31.1	31.1	31.4	31.7	31.7	32.4	32.4	33.3	34.0
GE 20000	31.3	31.8	32.2	32.5	33.1	33.2	33.4	33.8	33.8	34.1	34.4	34.4	35.1	35.1	36.0	36.7
GE 18000	31.6	32.2	32.5	32.8	33.4	33.5	33.8	34.1	34.1	34.4	34.7	34.7	35.4	35.4	36.3	37.0
GE 16000	31.6	32.2	32.5	32.8	33.4	33.5	33.8	34.1	34.1	34.4	34.7	34.7	35.4	35.4	36.3	37.0
GE 14000	32.6	33.1	33.4	33.8	34.4	34.5	34.7	35.1	35.1	35.4	35.7	35.7	36.3	36.3	37.4	38.1
GE 12000	34.0	34.5	34.8	35.2	35.8	35.9	36.1	36.5	36.5	36.8	37.1	37.1	37.7	37.7	38.8	39.5
GE 10000	37.0	37.5	37.8	38.4	39.1	39.2	39.5	39.8	39.8	40.1	40.4	40.4	41.1	41.1	42.2	42.9
GE 9000	38.4	38.9	39.2	39.8	40.5	40.6	40.9	41.2	41.2	41.5	41.9	41.9	42.6	42.6	43.7	44.4
GE 8000	42.8	43.3	43.7	44.2	44.9	45.1	45.3	45.6	45.6	45.9	46.3	46.3	47.0	47.0	48.1	48.8
GE 7000	45.1	45.6	45.9	46.7	47.4	47.5	47.7	48.3	48.3	48.6	49.0	49.0	49.8	49.8	50.9	51.6
GE 6000	45.9	46.5	46.8	47.5	48.3	48.4	48.6	49.1	49.1	49.5	49.9	49.9	50.6	50.6	51.7	52.5
GE 5000	47.7	48.3	48.6	49.4	50.1	50.2	50.4	51.1	51.1	51.5	51.9	51.9	52.7	52.7	53.8	54.5
GE 4500	48.5	49.0	49.4	50.1	50.9	51.1	51.3	52.2	52.2	52.6	53.0	53.0	53.8	53.8	54.8	55.6
GE 4000	50.0	50.5	50.9	51.8	52.6	52.8	53.0	53.9	53.9	54.3	54.7	54.7	55.5	55.5	56.6	57.3
GE 3500	51.0	51.5	51.8	52.8	53.5	53.8	54.0	54.8	54.8	55.3	55.7	55.7	56.5	56.5	57.5	58.3
GE 3000	53.2	53.8	54.1	55.3	56.1	56.3	56.6	57.4	57.4	57.8	58.3	58.3	59.0	59.0	60.1	60.9
GE 2500	54.8	55.4	55.7	57.0	57.8	58.1	58.3	59.1	59.1	59.6	60.0	60.0	60.8	60.8	61.8	62.6
GE 2000	55.8	56.5	56.8	58.3	59.4	59.6	59.8	60.6	60.6	61.1	61.5	61.5	62.3	62.3	63.3	64.1
GE 1800	55.8	56.5	56.8	58.6	59.8	60.0	60.2	61.1	61.1	61.5	61.9	61.9	62.7	62.7	63.8	64.5
GE 1500	56.9	57.8	58.3	60.1	61.3	61.5	61.7	62.6	62.6	63.1	63.5	63.5	64.3	64.3	65.5	66.2
GE 1200	59.4	60.4	60.9	62.7	63.9	64.1	64.3	65.2	65.2	65.9	66.3	66.3	67.1	67.1	68.3	69.0
GE 1000	59.8	61.1	61.5	63.5	64.7	64.9	65.3	66.1	66.1	66.9	67.3	67.3	68.1	68.1	69.2	70.0
GE 900	60.6	61.9	62.5	64.5	65.7	65.9	66.2	67.1	67.1	68.0	68.5	68.5	69.2	69.2	70.4	71.2
GE 800	61.3	62.6	63.1	65.3	66.5	66.7	67.0	67.8	67.8	68.8	69.4	69.4	70.1	70.1	71.3	72.0
GE 700	61.7	63.0	63.5	65.7	66.9	67.1	67.7	68.6	68.8	69.8	70.5	70.5	71.3	71.3	72.5	73.2
GE 600	62.9	64.3	64.9	67.1	68.3	68.5	69.2	70.4	70.6	72.3	73.3	73.3	74.1	74.1	75.4	76.1
GE 500	64.3	66.0	66.8	68.9	70.1	70.4	71.3	72.7	73.0	74.7	76.0	76.1	77.1	77.2	78.5	79.2
GE 400	65.5	67.4	68.4	70.6	72.3	72.6	73.5	75.1	75.9	78.2	79.6	80.0	81.5	81.8	83.7	84.4
GE 300	66.1	68.1	69.1	71.5	73.3	73.7	75.1	77.1	78.0	81.0	83.0	83.7	86.0	86.6	89.6	90.3
GE 200	66.2	68.2	69.5	71.9	73.8	74.2	75.9	78.4	79.4	83.0	86.3	87.3	90.3	91.5	95.5	96.9
GE 100	66.2	68.2	69.5	71.9	73.8	74.2	75.9	78.4	79.4	83.1	86.5	87.4	90.6	91.8	97.3	99.8
GE 000	66.2	68.2	69.5	71.9	73.8	74.2	75.9	78.4	79.4	83.1	86.5	87.4	90.6	91.8	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.6	38.8	39.3	39.5	39.7	39.7	39.8	40.2	40.3	40.3	40.3	40.3	40.6	40.8	40.9	41.3
GE 20000	43.5	43.6	44.2	44.4	44.6	44.6	44.8	45.1	45.2	45.2	45.2	45.2	45.6	45.7	45.8	46.3
GE 18000	43.8	43.9	44.5	44.8	45.0	45.0	45.1	45.5	45.6	45.6	45.6	45.6	45.9	46.1	46.2	46.6
GE 16000	43.9	44.1	44.6	44.9	45.1	45.1	45.2	45.6	45.7	45.7	45.7	45.7	46.1	46.2	46.3	46.8
GE 14000	44.1	44.2	44.8	45.0	45.2	45.2	45.3	45.7	45.8	45.8	45.8	45.8	46.2	46.3	46.4	46.9
GE 12000	45.2	45.3	45.9	46.2	46.4	46.4	46.5	46.9	47.0	47.0	47.0	47.0	47.3	47.5	47.6	48.1
GE 10000	47.9	48.1	48.6	48.9	49.1	49.1	49.2	49.6	49.7	49.7	49.7	49.7	50.1	50.2	50.3	50.8
GE 9000	49.2	49.4	49.9	50.2	50.4	50.4	50.5	50.9	51.0	51.0	51.0	51.0	51.4	51.5	51.6	52.1
GE 8000	53.8	53.9	54.5	54.8	55.0	55.0	55.1	55.5	55.6	55.6	55.6	55.6	55.9	56.1	56.2	56.7
GE 7000	56.7	56.9	57.5	57.7	58.0	58.0	58.1	58.4	58.5	58.5	58.5	58.5	58.9	59.0	59.1	59.6
GE 6000	57.5	57.8	58.4	58.7	58.9	58.9	59.0	59.4	59.5	59.5	59.5	59.5	59.8	60.0	60.1	60.5
GE 5000	59.5	59.8	60.4	60.7	60.9	60.9	61.0	61.4	61.5	61.5	61.5	61.5	61.8	62.0	62.1	62.5
GE 4500	60.8	61.2	62.0	62.3	62.5	62.5	62.7	63.0	63.1	63.1	63.1	63.1	63.5	63.6	63.7	64.2
GE 4000	2.0	62.5	63.3	63.6	63.8	63.8	64.0	64.3	64.4	64.4	64.4	64.4	64.8	64.9	65.0	65.5
GE 3500	63.5	64.1	64.8	65.3	65.5	65.5	65.6	66.0	66.1	66.1	66.1	66.1	66.4	66.5	66.7	67.1
GE 3000	65.3	65.8	66.7	67.5	67.8	67.8	68.0	68.3	68.4	68.4	68.4	68.4	68.8	68.9	69.0	69.5
GE 2500	67.0	67.6	68.4	69.3	69.6	69.6	69.7	70.1	70.2	70.2	70.2	70.2	70.6	70.7	70.8	71.3
GE 2000	69.4	70.1	70.9	71.7	72.1	72.1	72.2	72.6	72.7	72.7	72.7	72.7	73.0	73.1	73.3	73.7
GE 1800	69.8	70.6	71.6	72.4	72.9	72.9	73.1	73.5	73.6	73.6	73.6	73.6	74.0	74.1	74.2	74.7
GE 1500	71.0	71.7	72.8	73.6	74.1	74.1	74.3	74.7	74.8	75.0	75.0	75.0	75.4	75.5	75.6	76.1
GE 1200	71.5	72.2	73.3	74.2	74.7	74.7	75.0	75.5	75.6	75.9	76.0	76.0	76.3	76.4	76.6	77.0
GE 1000	72.0	72.9	74.1	75.4	76.1	76.1	76.8	77.5	77.6	78.0	78.1	78.1	78.4	78.6	78.7	79.2
GE 900	72.9	74.0	75.1	76.4	77.3	77.3	78.1	78.8	78.9	79.4	79.5	79.5	79.9	80.0	80.1	80.6
GE 800	73.6	74.8	76.0	77.3	78.1	78.2	79.0	79.7	79.9	80.6	80.7	80.8	81.3	81.4	81.5	82.0
GE 700	74.7	76.0	77.4	78.7	79.5	79.6	80.4	81.3	81.4	82.3	82.6	82.7	83.2	83.3	83.4	83.9
GE 600	75.4	76.7	78.1	79.4	80.2	80.3	81.3	82.3	82.4	83.4	83.6	83.7	84.2	84.3	84.6	85.0
GE 500	75.9	77.4	78.8	80.1	81.2	81.3	82.2	83.7	83.9	85.4	85.9	86.0	86.6	86.7	87.2	87.6
GE 400	76.4	78.0	79.5	80.8	81.9	82.0	83.0	84.9	85.2	86.8	87.4	87.5	88.1	88.2	88.7	89.2
GE 300	77.1	78.9	80.8	82.3	83.6	83.7	84.9	87.0	87.5	89.9	90.6	91.0	92.0	92.7	93.9	94.7
GE 200	77.1	79.0	80.9	82.4	83.7	83.9	85.0	87.2	87.6	90.1	91.2	92.0	93.1	94.5	96.2	97.3
GE 100	77.1	79.2	81.2	82.7	84.0	84.1	85.3	87.4	87.9	90.3	91.6	92.5	93.6	95.3	97.2	99.5
GE 000	77.1	79.2	81.2	82.7	84.0	84.1	85.3	87.4	87.9	90.3	91.6	92.5	93.6	95.3	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.7	26.9	27.1	27.2	27.7	27.7	27.8	27.9	27.9	28.0	28.2	28.3	28.6	28.9	29.1	29.3
GE 20000	31.2	31.3	31.8	31.9	32.4	32.5	32.7	33.0	33.0	33.1	33.2	33.5	33.8	34.0	34.7	35.3
GE 18000	31.3	31.4	31.9	32.0	32.5	32.6	32.9	33.1	33.1	33.2	33.3	33.6	33.9	34.2	34.9	35.5
GE 16000	31.3	31.4	31.9	32.0	32.5	32.6	32.9	33.1	33.1	33.2	33.3	33.6	33.9	34.2	34.9	35.5
GE 14000	32.7	32.9	33.3	33.5	33.9	34.0	34.3	34.5	34.5	34.6	34.7	35.0	35.3	35.6	36.3	36.9
GE 12000	34.4	34.5	35.0	35.1	35.6	35.7	35.9	36.2	36.2	36.3	36.4	36.6	37.0	37.2	37.9	38.5
GE 10000	37.8	38.0	38.5	38.8	39.2	39.3	39.6	39.8	39.8	39.9	40.0	40.3	40.6	40.9	41.6	42.2
GE 9000	39.2	39.5	39.9	40.2	40.6	40.8	41.0	41.2	41.2	41.3	41.5	41.7	42.0	42.3	43.0	43.6
GE 8000	42.9	43.1	43.7	44.1	44.5	44.6	44.9	45.1	45.1	45.2	45.3	45.6	45.9	46.2	46.9	47.5
GE 7000	45.9	46.2	46.8	47.2	47.7	47.8	48.1	8.3	48.3	48.4	48.5	48.8	49.1	49.4	50.1	50.6
GE 6000	46.2	46.4	47.0	47.6	48.1	48.2	48.4	48.6	48.6	48.8	48.9	49.1	49.5	49.7	50.4	51.0
GE 5000	49.2	49.5	50.1	50.9	51.5	51.6	51.9	52.3	52.3	52.4	52.5	52.8	53.1	53.4	54.1	54.7
GE 4500	50.8	51.0	51.7	52.5	53.1	53.2	53.6	53.9	53.9	54.1	54.2	54.4	54.8	55.0	55.7	56.3
GE 4000	52.2	52.5	53.2	54.1	54.9	55.0	55.4	55.7	55.7	55.8	55.9	56.2	56.7	56.9	57.6	58.2
GE 3500	53.4	53.8	54.7	55.6	56.4	56.5	56.9	57.2	57.2	57.4	57.5	57.7	58.2	58.4	59.1	59.7
GE 3000	54.9	55.4	56.2	57.1	58.2	58.3	58.7	59.0	59.0	59.1	59.2	59.5	60.0	60.2	60.9	61.5
GE 2500	56.7	57.2	58.1	59.1	60.2	60.4	60.9	61.2	61.2	61.4	61.5	61.7	62.3	62.5	63.3	63.8
GE 2000	58.8	59.4	60.3	61.4	62.7	63.0	63.5	64.0	64.0	64.1	64.2	64.5	65.1	65.4	66.1	66.7
GE 1800	59.4	60.0	61.0	62.1	63.5	63.8	64.5	65.0	65.0	65.3	65.4	65.7	66.3	66.5	67.3	68.0
GE 1500	60.3	61.0	62.2	63.4	65.1	65.5	66.3	66.8	66.8	67.1	67.3	67.6	68.2	68.4	69.1	69.8
GE 1200	61.5	62.2	63.4	64.5	66.5	67.4	68.2	68.8	68.8	69.1	69.3	69.6	70.2	70.4	71.1	71.8
GE 1000	62.2	62.9	64.1	65.3	67.3	68.1	69.0	69.6	69.7	70.2	70.3	70.7	71.4	71.6	72.3	73.0
GE 900	63.0	64.1	65.4	66.7	68.8	69.6	70.6	71.3	71.4	72.1	72.2	72.6	73.3	73.5	74.2	74.9
GE 800	63.4	64.4	66.0	67.3	69.4	70.2	71.4	72.1	72.2	72.9	73.0	73.4	74.1	74.3	75.0	75.7
GE 700	63.7	64.8	66.5	68.1	70.2	71.0	72.2	72.9	73.0	73.9	74.0	74.3	75.0	75.3	76.0	76.7
GE 600	64.1	65.1	67.0	68.7	70.8	71.6	72.8	73.5	73.6	74.4	74.8	75.1	75.9	76.2	76.9	77.6
GE 500	64.7	66.0	68.3	70.1	72.6	73.6	74.9	76.1	76.2	77.4	78.2	78.7	79.5	80.0	80.8	81.5
GE 400	65.8	67.1	69.8	71.7	74.6	75.7	77.4	78.8	79.3	80.7	81.5	82.0	82.8	83.4	84.2	85.0
GE 300	66.2	67.6	70.6	72.6	76.1	77.6	79.6	81.4	81.9	83.7	85.3	86.2	88.3	89.3	91.3	92.6
GE 200	66.3	67.7	70.7	72.7	76.4	78.1	80.3	82.2	82.8	84.9	86.7	87.8	90.3	91.5	95.1	97.3
GE 100	66.3	67.7	70.7	72.8	76.6	78.2	80.4	82.3	82.9	85.0	86.9	88.0	90.7	92.1	96.1	100.0
GE 000	66.3	67.7	70.7	72.8	76.6	78.2	80.4	82.3	82.9	85.0	86.9	88.0	90.7	92.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	28.0	28.6	29.0	29.0	29.3	29.3	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4
GE 20000	34.0	34.9	35.3	35.3	35.7	35.7	35.8	35.9	35.9	36.2	36.2	36.2	36.3	36.3	36.3	36.3
GE 18000	34.5	35.3	35.8	35.8	36.2	36.2	36.3	36.4	36.4	36.6	36.6	36.6	36.7	36.7	36.7	36.7
GE 16000	34.9	35.7	36.2	36.2	36.5	36.5	36.6	36.7	36.7	37.0	37.0	37.0	37.1	37.1	37.1	37.1
GE 14000	36.2	37.0	37.5	37.5	37.8	37.8	37.9	38.0	38.0	38.3	38.3	38.3	38.4	38.4	38.4	38.4
GE 12000	39.7	40.5	41.0	41.0	41.3	41.3	41.5	41.6	41.6	41.8	41.8	41.8	41.9	41.9	1.9	41.9
GE 10000	44.1	44.9	45.3	45.3	45.7	45.7	45.8	45.9	45.9	46.2	46.2	46.2	46.3	46.3	46.3	46.3
GE 9000	44.2	45.0	45.5	45.5	45.8	45.8	45.9	46.1	46.1	46.3	46.3	46.3	46.4	46.4	46.4	46.4
GE 8000	47.6	48.4	48.9	48.9	49.2	49.2	49.4	49.5	49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8
GE 7000	50.5	51.4	51.8	51.8	52.2	52.2	52.3	52.4	52.4	52.7	52.7	52.7	52.8	52.8	52.8	52.8
GE 6000	51.2	52.1	52.5	52.5	52.9	52.9	53.0	53.1	53.1	53.4	53.4	53.4	53.5	53.5	53.5	53.5
GE 5000	54.4	55.5	55.9	55.9	56.4	56.4	56.5	56.7	56.7	56.9	56.9	56.9	57.0	57.0	57.0	57.0
GE 4500	55.5	56.5	57.1	57.1	57.6	57.6	57.7	57.8	57.8	58.1	58.1	58.1	58.2	58.2	58.2	58.2
GE 4000	57.7	58.8	59.4	59.5	60.1	60.1	60.4	60.5	60.5	60.8	60.8	60.8	60.9	60.9	60.9	60.9
GE 3500	58.4	59.5	60.1	60.2	60.8	60.8	61.2	61.4	61.4	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 3000	61.4	62.5	63.1	63.5	64.7	64.7	65.1	65.3	65.3	65.5	65.5	65.5	65.6	65.6	65.6	65.6
GE 2500	64.3	65.7	66.3	66.7	67.8	67.8	68.3	68.4	68.4	68.7	68.7	68.7	68.8	68.8	68.8	68.8
GE 2000	66.7	68.1	68.7	69.0	70.3	70.3	70.8	70.9	70.9	71.1	71.1	71.1	71.3	71.3	71.3	71.3
GE 1800	67.5	68.9	69.5	69.8	71.1	71.3	71.7	71.8	71.8	72.1	72.1	72.1	72.2	72.2	72.2	72.2
GE 1500	69.4	70.9	71.5	72.1	73.5	73.6	74.2	74.3	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 1200	71.8	73.6	74.7	75.6	77.3	77.4	78.0	78.2	78.3	78.6	78.6	78.6	78.7	78.7	78.7	78.7
GE 1000	73.9	75.7	77.0	78.0	79.6	79.9	80.4	81.0	81.2	81.4	81.5	81.5	81.6	81.6	81.6	81.6
GE 900	74.6	76.4	78.2	79.2	80.8	81.0	81.7	82.3	82.6	82.9	83.0	83.0	83.2	83.2	83.2	83.2
GE 800	75.6	77.6	79.4	80.3	82.2	82.6	83.3	83.9	84.1	84.7	84.8	84.8	84.9	84.9	84.9	84.9
GE 700	76.6	78.7	80.6	81.9	83.9	84.2	84.9	85.9	86.1	86.8	86.9	87.0	87.2	87.2	87.2	87.2
GE 600	76.7	79.4	81.5	83.2	85.3	85.7	86.5	87.5	87.8	88.5	88.6	88.7	88.8	88.8	88.8	88.8
GE 500	77.5	80.4	83.0	85.0	87.3	87.8	88.6	89.6	89.9	90.8	90.9	91.2	91.3	91.3	91.3	91.3
GE 400	77.9	81.3	84.1	86.8	89.9	90.5	91.3	92.3	92.6	93.6	3.8	94.0	94.2	94.3	94.5	94.5
GE 300	77.9	81.3	84.2	87.5	91.3	92.1	93.4	94.8	95.2	96.8	97.2	97.6	98.4	98.5	98.7	98.7
GE 200	77.9	81.3	84.2	87.5	91.4	92.2	93.6	95.2	95.5	97.2	97.6	98.1	98.9	99.2	99.5	99.8
GE 100	77.9	81.3	84.2	87.5	91.4	92.2	93.6	95.2	95.5	97.2	97.6	98.1	98.9	99.3	99.8	100.0
GE 000	77.9	81.3	84.2	87.5	91.4	92.2	93.6	95.2	95.5	97.2	97.6	98.1	98.9	99.3	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	38.0	38.4	38.5	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.6	38.9	39.0
GE 20000	43.8	44.2	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.6	44.8
GE 18000	45.0	5.3	45.5	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.8	45.9
GE 16000	45.2	45.6	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	46.1	46.2
GE 14000	46.5	46.9	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.5
GE 12000	49.4	49.7	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.3
GE 10000	53.9	54.3	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.8	54.9
GE 9000	55.2	55.6	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	56.1	56.2
GE 8000	58.8	59.1	59.2	59.4	59.4	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.6	59.6	59.8	60.0
GE 7000	61.6	62.1	62.3	62.4	62.4	62.4	62.5	62.5	62.5	62.5	62.5	62.5	62.7	62.7	62.9	63.0
GE 6000	63.1	63.6	63.8	64.0	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.5	64.7
GE 5000	66.3	66.8	67.0	67.1	67.3	67.3	67.4	67.4	67.4	67.5	67.5	67.5	67.6	67.6	67.8	68.0
GE 4500	68.3	68.8	69.0	69.1	69.3	69.3	69.4	69.4	69.4	69.5	69.5	69.5	69.6	69.6	69.8	70.0
GE 4000	70.1	70.7	70.9	71.0	71.1	71.1	71.3	71.3	71.3	71.4	71.4	71.4	71.5	71.5	71.7	71.8
GE 3500	70.9	71.5	71.7	71.8	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.4	72.4	72.7	72.8
GE 3000	74.6	75.3	75.6	75.9	76.3	76.3	76.4	76.4	76.4	76.6	76.6	76.6	76.7	76.7	76.9	77.0
GE 2500	77.0	77.9	78.2	78.6	79.3	79.3	79.4	79.4	79.4	79.5	79.5	79.5	79.6	79.6	79.9	80.0
GE 2000	78.7	79.6	80.2	80.6	81.6	81.6	81.9	81.9	81.9	82.1	82.1	82.1	82.2	82.2	82.4	82.6
GE 1800	78.8	79.7	80.3	80.7	81.7	81.7	82.0	82.0	82.0	82.4	82.4	82.4	82.6	82.6	82.8	82.9
GE 1500	79.9	81.0	81.7	82.2	83.3	83.3	83.6	83.6	83.6	84.1	84.1	84.1	84.2	84.2	84.5	84.6
GE 1200	81.5	82.7	83.4	83.9	85.2	85.2	85.5	85.5	85.5	86.0	86.0	86.0	86.1	86.1	86.3	86.5
GE 1000	82.9	84.2	84.9	85.5	86.8	86.8	87.3	87.3	87.3	87.8	87.8	87.8	87.9	87.9	88.1	88.2
GE 900	83.2	84.6	85.3	85.9	87.2	87.2	87.6	87.6	87.6	88.1	88.1	88.1	88.2	88.2	88.5	88.6
GE 800	83.5	85.0	85.9	86.5	87.8	87.8	88.5	88.5	88.5	88.9	88.9	89.0	89.2	89.2	89.4	89.5
GE 700	84.0	85.7	86.6	87.2	88.6	88.6	89.3	89.4	89.4	90.0	90.1	90.2	90.3	90.3	90.6	90.7
GE 600	84.9	86.7	87.6	88.5	89.9	89.9	90.9	91.0	91.3	91.9	92.0	92.1	92.2	92.2	92.5	92.6
GE 500	85.0	86.9	87.9	88.8	90.5	90.6	91.8	92.3	92.6	93.3	93.4	93.5	93.8	93.8	94.1	94.2
GE 400	85.5	88.0	89.2	90.3	92.3	92.5	93.6	94.3	94.6	95.4	95.6	95.8	96.0	96.0	96.3	96.5
GE 300	85.5	88.1	89.3	90.5	92.5	92.6	94.0	95.1	95.3	96.5	96.8	96.9	97.5	97.5	97.9	98.0
GE 200	85.5	88.1	89.3	90.5	92.6	92.7	94.1	95.2	95.4	96.6	96.9	97.1	97.8	97.9	98.4	98.5
GE 100	85.5	88.1	89.3	90.5	92.6	92.7	94.1	95.2	95.4	96.6	96.9	97.2	98.1	98.8	99.3	100.0
GE 000	85.5	88.1	89.3	90.5	92.6	92.7	94.1	95.2	95.4	96.6	96.9	97.2	98.1	98.8	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	33.2	33.5	33.6	33.9	34.0	34.1	34.2	34.2	34.3	34.4	34.4	34.5	34.6	34.8	35.0
GE 20000	38.2	38.5	38.9	39.0	39.4	39.5	39.6	39.7	39.8	39.9	40.0	40.0	40.2	40.3	40.5	40.8
GE 18000	38.9	39.2	39.6	39.7	40.1	40.2	40.3	40.4	40.5	40.7	40.7	40.7	40.9	41.0	41.2	41.5
GE 16000	39.2	39.5	39.8	40.0	40.3	40.4	40.6	40.7	40.8	40.9	41.0	41.0	41.2	41.2	41.5	41.8
GE 14000	40.2	40.5	40.8	41.0	41.3	41.4	41.6	41.7	41.7	41.9	41.9	42.0	42.1	42.2	42.5	42.8
GE 12000	42.5	42.9	43.2	43.4	43.7	43.8	43.9	44.1	44.1	44.3	44.3	44.4	44.5	44.6	44.9	45.2
GE 10000	46.3	46.7	47.0	47.3	47.6	47.7	47.8	48.0	48.0	48.2	48.3	48.3	48.5	48.5	48.8	49.1
GE 9000	47.4	47.9	48.2	48.5	48.8	48.9	49.0	49.2	49.2	49.4	49.5	49.5	49.6	49.7	50.0	50.3
GE 8000	51.2	51.6	52.0	52.3	52.6	52.7	52.9	53.0	53.1	53.3	53.3	53.4	53.5	53.6	53.9	54.2
GE 7000	54.1	54.6	55.0	55.3	55.6	55.7	55.9	56.1	56.1	56.3	56.3	56.4	56.5	56.6	56.9	57.2
GE 6000	55.0	55.5	55.9	56.2	56.6	56.7	56.8	57.0	57.1	57.3	57.3	57.4	57.5	57.6	57.9	58.2
GE 5000	57.7	58.2	58.6	59.0	59.4	59.5	59.7	59.9	59.9	60.1	60.2	60.2	60.4	60.5	60.8	61.0
GE 4500	59.3	59.8	60.3	60.7	61.1	61.2	61.4	61.6	61.6	61.8	61.9	61.9	62.1	62.2	62.5	62.7
GE 4000	61.0	61.6	62.1	62.5	63.0	63.1	63.4	63.6	63.6	63.8	63.8	63.9	64.1	64.2	64.4	64.7
GE 3500	62.0	62.7	63.3	63.7	64.2	64.3	64.6	64.8	64.8	65.0	65.1	65.1	65.3	65.4	65.7	65.9
GE 3000	64.2	64.9	65.6	66.2	66.8	66.9	67.2	67.4	67.5	67.7	67.7	67.8	67.9	68.0	68.3	68.6
GE 2500	66.3	67.2	67.9	68.5	69.2	69.4	69.7	69.9	69.9	70.2	70.2	70.3	70.5	70.6	70.8	71.1
GE 2000	68.4	69.4	70.2	70.9	71.7	71.9	72.3	72.6	72.6	72.9	72.9	73.0	73.2	73.3	73.6	73.8
GE 1800	69.1	70.1	71.0	71.6	72.6	72.7	73.1	73.5	73.5	73.8	73.9	73.9	74.1	74.2	74.5	74.8
GE 1500	70.3	71.4	72.4	73.2	74.2	74.4	74.9	75.2	75.3	75.6	75.7	75.8	76.0	76.1	76.3	76.6
GE 1200	71.7	72.9	74.1	74.9	76.1	76.3	76.8	77.2	77.3	77.7	77.7	77.8	78.0	78.1	78.4	78.7
GE 1000	72.7	74.1	75.4	76.3	77.5	77.8	78.4	78.9	79.0	79.4	79.5	79.6	79.8	79.9	80.2	80.5
GE 900	73.4	74.9	76.3	77.2	78.5	78.8	79.5	80.0	80.1	80.6	80.7	80.8	81.0	81.1	81.4	81.7
GE 800	74.0	75.5	77.0	78.0	79.3	79.6	80.4	80.9	81.0	81.6	81.8	81.9	82.1	82.2	82.5	82.8
GE 700	74.6	76.3	77.9	79.0	80.4	80.7	81.5	82.2	82.3	83.0	83.2	83.3	83.6	83.7	84.0	84.3
GE 600	75.3	77.0	78.8	80.1	81.6	81.9	82.9	83.7	83.9	84.6	84.9	85.1	85.3	85.4	85.7	86.0
GE 500	76.0	78.0	80.0	81.3	83.0	83.5	84.5	85.6	85.8	86.8	87.4	87.6	88.0	88.1	88.6	88.9
GE 400	76.5	78.6	80.8	82.4	84.5	85.0	86.2	87.4	87.7	89.0	89.6	89.8	90.3	90.5	91.0	91.3
GE 300	76.8	79.0	81.4	83.2	85.7	86.4	87.8	89.3	89.7	91.6	92.5	92.9	94.0	94.4	95.4	95.8
GE 200	76.8	79.0	81.4	83.2	85.8	86.5	88.0	89.7	90.2	92.2	93.3	93.8	95.3	96.1	97.5	98.3
GE 100	76.8	79.1	81.4	83.3	85.9	86.6	88.1	89.7	90.2	92.3	93.4	94.1	95.6	96.7	98.3	99.9
GE 000	76.8	79.1	81.4	83.3	85.9	86.6	88.1	89.7	90.2	92.3	93.4	94.1	95.6	96.7	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.3	46.7	46.8	47.4	47.6	47.6	47.8	48.0	48.0	48.0	48.2	48.3	48.5	48.9	49.1	49.4
GE 20000	50.5	50.9	51.0	51.6	51.8	51.8	52.0	52.2	52.2	52.2	52.4	52.5	52.7	53.1	53.3	53.5
GE 18000	51.1	51.4	51.5	52.2	52.4	52.4	52.6	52.7	52.7	52.7	52.9	53.0	53.2	53.7	53.9	54.1
GE 16000	51.1	51.4	51.5	52.2	52.4	52.4	52.6	52.7	52.7	52.7	52.9	53.0	53.2	53.7	53.9	54.1
GE 14000	51.4	51.7	51.8	52.5	52.7	52.7	52.9	53.0	53.0	53.0	53.2	53.4	53.7	54.1	54.3	54.5
GE 12000	52.6	52.9	53.0	53.7	53.9	53.9	54.1	54.2	54.2	54.2	54.4	54.6	54.8	55.3	55.5	55.7
GE 10000	56.0	56.3	56.7	57.3	57.5	57.5	57.7	57.8	57.8	58.0	58.1	58.3	58.5	58.9	59.1	59.5
GE 9000	57.2	57.5	57.8	58.5	58.7	58.7	58.9	59.0	59.0	59.1	59.4	59.5	59.7	60.1	60.3	60.6
GE 8000	61.0	61.4	61.8	62.5	62.7	62.7	62.9	63.0	63.0	63.1	63.3	63.4	63.7	64.1	64.3	64.6
GE 7000	64.6	65.1	65.5	66.1	66.3	66.3	66.6	66.7	66.7	66.8	67.0	67.1	67.4	68.0	68.2	68.5
GE 6000	65.8	66.2	66.7	67.3	67.5	67.5	67.7	67.8	67.8	68.0	68.2	68.3	68.6	69.1	69.4	69.7
GE 5000	68.3	68.8	69.2	69.9	70.1	70.1	70.3	70.4	70.4	70.5	70.8	70.9	71.2	71.7	71.9	72.3
GE 4500	69.0	69.6	70.0	70.6	70.9	70.9	71.1	71.2	71.2	71.3	71.5	71.6	71.9	72.5	72.7	73.0
GE 4000	71.1	71.6	72.0	72.7	73.1	73.1	73.3	73.4	73.4	73.5	73.8	73.9	74.2	74.7	74.9	75.3
GE 3500	73.1	73.7	74.1	74.7	75.2	75.2	75.4	75.5	75.5	75.6	75.8	75.9	76.2	76.8	77.0	77.3
GE 3000	74.4	74.9	75.6	76.2	76.8	76.8	77.0	77.1	77.1	77.3	77.5	77.6	78.0	78.5	78.7	79.0
GE 2500	75.1	75.6	76.2	76.9	77.4	77.4	77.6	77.7	77.7	78.0	78.2	78.3	78.6	79.1	79.4	79.7
GE 2000	76.6	77.2	77.8	78.6	79.1	79.1	79.4	79.5	79.5	79.7	79.9	80.0	80.3	80.9	81.1	81.4
GE 1800	76.9	77.6	78.3	79.0	79.6	79.6	79.8	79.9	79.9	80.1	80.3	80.4	80.8	81.3	81.5	81.8
GE 1500	77.7	78.6	79.2	80.1	80.6	80.6	80.9	81.0	81.0	81.2	81.4	81.5	81.8	82.4	82.6	82.9
GE 1200	79.2	80.1	80.9	81.9	82.7	82.7	82.9	83.0	83.0	83.2	83.4	83.5	83.9	84.4	84.6	84.9
GE 1000	80.3	81.1	81.8	82.9	84.0	84.0	84.4	84.5	84.5	84.7	84.9	85.1	85.4	85.9	86.1	86.5
GE 900	80.9	81.8	82.6	83.7	84.7	84.7	85.2	85.3	85.3	85.5	85.7	85.8	86.1	86.7	86.9	87.2
GE 800	81.2	82.2	82.9	84.0	85.3	85.3	85.7	85.8	85.8	86.1	86.3	86.5	86.8	87.3	87.5	87.8
GE 700	81.7	82.8	83.5	84.7	86.1	86.1	86.6	86.7	86.7	87.0	87.2	87.3	87.6	88.2	88.4	88.7
GE 600	82.6	83.9	84.7	86.0	87.6	87.6	88.2	88.3	88.3	89.0	89.2	89.4	89.7	90.2	90.4	90.8
GE 500	83.7	85.1	85.9	87.2	88.9	89.0	89.6	89.8	89.8	90.6	90.9	91.0	91.3	91.8	92.3	92.7
GE 400	84.8	86.3	87.2	88.6	90.5	90.6	91.3	91.8	91.8	92.7	93.0	93.2	93.7	94.2	94.6	95.1
GE 300	85.1	86.6	87.5	89.0	91.2	91.3	92.2	92.7	92.7	93.9	94.4	94.6	95.2	95.8	96.5	97.3
GE 200	85.3	86.9	88.0	89.5	91.8	91.9	92.9	93.5	93.7	94.8	95.4	95.6	96.5	97.3	98.6	99.6
GE 100	85.3	86.9	88.0	89.5	91.8	91.9	92.9	93.5	93.7	94.8	95.4	95.7	96.6	97.4	98.8	99.8
GE 000	85.3	86.9	88.0	89.5	91.8	91.9	92.9	93.5	93.7	94.8	95.4	95.7	96.6	97.4	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	35.8	36.1	37.0	37.1	37.2	37.2	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 20000	44.2	44.5	45.5	45.6	45.7	45.7	45.8	45.9	46.0	46.0	46.1	46.1	46.1	46.1	46.1	46.2
GE 18000	45.4	45.7	46.7	46.8	46.9	46.9	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4
GE 16000	45.4	45.7	46.7	46.8	46.9	46.9	47.0	47.1	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4
GE 14000	46.7	47.0	48.0	48.1	48.2	48.2	48.3	48.4	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.7
GE 12000	50.6	51.0	51.9	52.0	52.2	52.2	52.3	52.4	52.5	52.5	52.6	52.6	52.6	52.6	52.6	52.7
GE 10000	55.9	56.2	57.3	57.4	57.5	57.5	57.6	57.7	57.8	57.8	58.0	58.0	58.1	58.1	58.1	58.2
GE 9000	57.4	57.7	58.8	58.9	59.0	59.0	59.1	59.2	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.7
GE 8000	59.7	60.0	61.1	61.2	61.3	61.3	61.4	61.5	61.6	61.6	61.7	61.7	61.8	61.8	61.8	61.9
GE 7000	62.4	62.8	63.9	64.0	64.1	64.1	64.2	64.3	64.4	64.4	64.5	64.5	64.6	64.6	64.6	64.7
GE 6000	63.5	64.0	65.1	65.2	65.3	65.3	65.4	65.5	65.6	65.6	65.7	65.7	65.8	65.8	65.8	65.9
GE 5000	65.2	65.6	66.7	66.8	66.9	66.9	67.0	67.1	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.5
GE 4500	65.9	66.5	67.5	67.6	67.7	67.7	67.8	68.0	68.1	68.1	68.2	68.2	68.3	68.3	68.3	68.4
GE 4000	67.6	68.4	69.5	69.6	69.7	69.7	69.8	69.9	70.0	70.0	70.1	70.1	70.2	70.2	70.2	70.3
GE 3500	68.4	69.1	70.2	70.3	70.4	70.4	70.5	70.6	70.8	70.8	70.9	70.9	71.0	71.0	71.0	71.1
GE 3000	70.9	71.6	73.1	73.3	73.4	73.4	73.5	73.7	73.8	73.8	73.9	73.9	74.0	74.0	74.0	74.1
GE 2500	72.9	73.8	75.4	75.7	75.8	75.8	76.0	76.1	76.2	76.2	76.3	76.3	76.5	76.5	76.5	76.6
GE 2000	75.2	76.2	78.1	78.5	78.6	78.8	79.0	79.1	79.2	79.2	79.4	79.4	79.5	79.5	79.5	79.6
GE 1800	75.5	76.7	78.5	78.9	79.0	79.2	79.6	79.7	79.8	79.8	79.9	79.9	80.0	80.0	80.0	80.1
GE 1500	76.6	78.0	79.8	80.2	80.3	80.5	80.9	81.0	81.1	81.3	81.4	81.4	81.5	81.5	81.5	81.6
GE 1200	78.7	80.1	81.9	82.5	82.6	82.8	83.2	83.3	83.4	83.8	83.9	83.9	84.0	84.0	84.0	84.1
GE 1000	80.4	82.0	83.9	84.5	84.6	84.8	85.3	85.4	85.5	85.8	85.9	86.0	86.1	86.1	86.1	86.2
GE 900	81.3	83.3	85.3	85.9	86.0	86.2	86.7	86.8	86.9	87.2	87.3	87.4	87.5	87.5	87.5	87.6
GE 800	82.6	84.9	86.9	87.6	87.7	88.1	88.5	88.6	88.7	89.0	89.1	89.2	89.4	89.4	89.4	89.5
GE 700	83.2	85.7	87.6	88.4	88.6	88.9	89.4	89.5	89.6	89.9	90.0	90.1	90.2	90.2	90.2	90.3
GE 600	83.9	87.2	89.4	90.4	91.0	91.4	91.9	92.0	92.2	92.5	92.6	92.7	92.8	92.8	92.8	92.9
GE 500	84.6	88.1	90.4	91.6	92.2	92.7	93.4	93.8	93.9	94.2	94.3	94.4	94.6	94.6	94.6	94.7
GE 400	84.9	88.4	91.1	92.6	93.8	94.3	95.1	95.4	95.7	96.5	96.6	96.7	97.0	97.1	97.1	97.2
GE 300	85.1	88.6	91.4	92.9	94.2	94.7	95.5	95.9	96.3	97.1	97.4	97.7	98.1	98.3	98.4	98.5
GE 200	85.1	88.6	91.4	92.9	94.2	94.8	95.7	96.3	96.8	97.8	98.3	98.6	99.4	99.7	99.8	99.9
GE 100	85.1	88.6	91.4	92.9	94.2	94.8	95.7	96.3	96.8	97.8	98.3	98.7	99.5	99.8	99.9	100.0
GE 000	85.1	88.6	91.4	92.9	94.2	94.8	95.7	96.3	96.8	97.8	98.3	98.7	99.5	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 20000	47.6	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 18000	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	48.5	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 14000	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
GE 12000	53.4	53.4	53.4	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	3.5
GE 10000	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	59.1	59.1	59.1
GE 9000	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 8000	63.2	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 7000	67.3	67.4	67.4	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 6000	68.6	68.7	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	68.9
GE 5000	71.4	71.5	71.6	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 4500	72.7	72.8	72.9	73.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4000	78.2	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	78.7	78.7
GE 3500	82.7	82.8	82.9	83.2	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	87.3	87.5	88.1	88.4	88.7	88.8	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 2500	89.2	89.6	90.2	90.5	90.9	91.0	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	90.0	90.3	91.0	91.4	91.7	91.8	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	90.4	90.8	91.4	91.8	92.2	92.3	92.4	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1500	92.0	92.5	93.2	93.7	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1200	93.0	93.8	94.6	95.1	95.4	95.5	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8
GE 1000	93.8	94.6	95.5	95.9	96.2	96.3	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.7
GE 900	93.9	94.7	95.7	96.1	96.5	96.6	96.7	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9
GE 800	94.3	95.6	96.7	97.1	97.4	97.5	97.6	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.0
GE 700	94.6	96.0	97.1	97.5	97.8	98.0	98.1	98.2	98.2	98.3	98.3	98.4	98.5	98.5	98.5	98.5
GE 600	94.6	96.0	97.1	97.5	98.0	98.1	98.2	98.3	98.3	98.5	98.5	98.6	98.7	98.7	98.7	98.7
GE 500	94.6	96.1	97.3	97.7	98.2	98.3	98.4	98.5	98.5	98.7	98.7	98.8	98.9	98.9	98.9	98.9
GE 400	94.6	96.1	97.3	97.7	98.3	98.4	98.7	99.0	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9
GE 300	94.6	96.1	97.3	97.7	98.3	98.4	98.7	99.0	99.1	99.6	99.6	99.8	99.9	99.9	99.9	99.9
GE 200	94.6	96.1	97.3	97.7	98.3	98.4	98.7	99.0	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0
GE 100	94.6	96.1	97.3	97.7	98.3	98.4	98.7	99.0	99.1	99.6	99.6	99.8	99.9	100.0	100.0	100.0
GE 000	94.6	96.1	97.3	97.7	98.3	98.4	98.7	99.0	99.1	99.6	99.6	99.8	99.9	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.4	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.6	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	60.2	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 18000	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	60.8	60.9	60.9	60.9	61.0	61.0	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	60.9	61.0	61.0	61.0	61.1	61.1	61.1	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 12000	62.5	62.6	62.6	62.6	62.7	62.7	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 10000	66.8	66.9	66.9	66.9	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 9000	67.2	67.3	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 8000	72.6	72.8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	77.4	77.6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 6000	78.2	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 5000	81.1	81.3	81.3	81.3	81.4	81.4	81.4	81.4	81.4	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	83.0	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.7	83.8	83.8	83.8	83.8	83.8	83.8
GE 4000	85.6	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.2	86.3	86.3	86.3	86.3	86.3	86.3
GE 3500	86.9	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 3000	88.7	89.1	89.4	89.5	89.7	89.7	89.7	89.7	89.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 2500	89.5	89.9	90.1	90.2	90.4	90.4	90.4	90.4	90.4	90.6	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	90.0	90.4	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 1800	90.0	90.4	90.6	90.8	91.0	91.0	91.0	91.0	91.0	91.2	91.3	91.3	91.3	91.3	91.3	91.3
GE 1500	90.3	90.8	91.1	91.2	91.4	91.4	91.5	91.5	91.5	91.7	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	90.8	91.2	91.5	91.6	91.8	91.8	91.9	91.9	91.9	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	91.3	91.7	92.0	92.3	92.5	92.5	92.7	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	91.6	92.0	92.4	92.6	92.8	92.8	93.0	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 800	92.5	92.9	93.2	93.4	93.7	93.7	93.9	93.9	93.9	94.1	94.2	94.2	94.2	94.2	94.2	94.2
GE 700	92.7	93.1	93.4	93.7	93.9	93.9	94.1	94.1	94.1	94.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 600	93.9	94.3	94.6	94.8	95.2	95.2	95.4	95.4	95.4	95.6	95.7	96.0	96.0	96.0	96.0	96.0
GE 500	94.5	94.9	95.5	95.7	96.0	96.0	96.2	96.2	96.2	96.6	96.7	97.0	97.0	97.0	97.0	97.0
GE 400	94.6	95.3	95.8	96.1	96.8	96.8	97.0	97.0	97.0	97.4	97.5	98.0	98.0	98.0	98.0	98.0
GE 300	94.6	95.3	95.8	96.2	96.9	96.9	97.1	97.1	97.1	97.6	98.2	98.6	98.7	98.7	98.7	98.9
GE 200	94.6	95.4	96.0	96.5	97.1	97.1	97.3	97.3	97.4	97.4	98.0	98.5	99.0	99.5	99.5	100.0
GE 100	94.6	95.4	96.0	96.5	97.1	97.1	97.3	97.3	97.4	97.4	98.0	98.5	99.0	99.5	99.5	100.0
GE 000	94.6	95.4	96.0	96.5	97.1	97.1	97.3	97.3	97.4	97.4	98.0	98.5	99.0	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 20000	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 18000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 16000	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 14000	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 12000	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 9000	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 7000	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 6000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 5000	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4500	93.1	93.1	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4000	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 3500	94.7	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 3000	95.3	95.4	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2500	95.4	95.6	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	96.1	96.2	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	96.2	96.4	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	96.4	96.8	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	96.7	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 900	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 800	96.8	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 700	96.8	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	97.2	97.7	97.9	98.0	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	97.2	97.9	98.1	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 400	97.9	98.6	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 300	97.9	98.6	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
GE 200	97.9	98.6	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.8
GE 100	97.9	98.6	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	100.0
GE 000	97.9	98.6	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF EILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.2	53.8	54.1	54.3	54.4	54.4	54.4	54.6	54.6	54.7	54.8	54.8	54.9	55.1	55.4	55.7
GE 20000	61.6	62.1	62.4	62.8	62.9	62.9	62.9	63.0	63.0	63.2	63.3	63.3	63.4	63.7	64.0	64.2
GE 18000	62.2	62.8	63.1	63.4	63.6	63.6	63.6	63.7	63.7	63.9	64.0	64.0	64.1	64.3	64.7	64.9
GE 16000	62.6	63.1	63.4	63.8	63.9	63.9	63.9	64.0	64.0	64.2	64.3	64.3	64.4	64.7	65.0	65.2
GE 14000	64.6	65.2	65.6	65.9	66.0	66.0	66.0	66.1	66.1	66.3	66.4	66.4	66.6	66.8	67.1	67.3
GE 12000	67.0	68.0	68.3	68.7	68.8	68.8	68.8	68.9	68.9	69.1	69.2	69.2	69.3	69.6	69.9	70.1
GE 10000	70.7	71.7	72.1	72.6	72.8	72.8	72.8	72.9	72.9	73.1	73.2	73.2	73.3	73.6	73.9	74.1
GE 9000	73.0	74.0	74.4	74.9	75.1	75.1	75.1	75.2	75.2	75.4	75.6	75.6	75.7	75.9	76.2	76.4
GE 8000	78.2	79.2	79.7	80.2	80.6	80.6	80.6	80.7	80.7	80.9	81.0	81.0	81.1	81.3	81.7	81.9
GE 7000	80.4	81.4	82.0	82.6	82.9	82.9	82.9	83.0	83.0	83.2	83.3	83.3	83.4	83.7	84.0	84.2
GE 6000	81.6	82.6	83.1	83.7	84.0	84.0	84.0	84.1	84.1	84.3	84.4	84.4	84.6	84.8	85.1	85.3
GE 5000	83.4	84.4	85.0	85.6	85.9	85.9	85.9	86.0	86.0	86.2	86.3	86.3	86.4	86.7	87.0	87.2
GE 4500	84.6	85.6	86.1	86.7	87.0	87.0	87.0	87.1	87.1	87.3	87.4	87.4	87.6	87.8	88.1	88.3
GE 4000	85.8	86.9	87.4	88.0	88.3	88.3	88.3	88.4	88.4	88.7	88.8	88.8	88.9	89.1	89.4	89.7
GE 3500	86.7	87.8	88.3	88.9	89.2	89.2	89.2	89.3	89.3	89.6	89.7	89.7	89.8	90.0	90.3	90.6
GE 3000	87.0	88.1	88.7	89.3	89.8	89.8	89.8	89.9	89.9	90.1	90.2	90.2	90.3	90.6	90.9	91.1
GE 2500	87.3	88.4	89.1	89.8	90.2	90.2	90.2	90.3	90.3	90.6	90.7	90.7	90.8	91.0	91.3	91.6
GE 2000	87.3	88.4	89.2	89.9	90.3	90.3	90.3	90.4	90.4	90.7	90.8	90.8	90.9	91.1	91.4	91.7
GE 1800	87.4	88.6	89.3	90.0	90.4	90.4	90.4	90.6	90.6	90.8	90.9	90.9	91.0	91.2	91.6	91.8
GE 1500	88.0	89.1	89.9	90.7	91.1	91.1	91.1	91.2	91.2	91.4	91.6	91.6	91.7	91.9	92.2	92.4
GE 1200	88.6	89.8	90.7	91.4	91.9	91.9	91.9	92.0	92.0	92.2	92.3	92.3	92.4	92.7	93.0	93.2
GE 1000	89.3	90.6	91.6	92.6	93.1	93.1	93.1	93.2	93.2	93.4	93.6	93.6	93.7	93.9	94.2	94.4
GE 900	89.9	91.1	92.1	93.1	93.7	93.7	93.7	93.8	93.8	94.0	94.1	94.1	94.2	94.4	94.8	95.0
GE 800	90.1	91.4	92.4	93.4	94.1	94.1	94.1	94.2	94.2	94.4	94.6	94.6	94.7	94.9	95.2	95.4
GE 700	90.2	91.8	92.9	93.9	94.6	94.6	94.6	94.7	94.7	94.9	95.0	95.0	95.1	95.4	95.8	96.0
GE 600	91.2	92.9	94.1	95.4	96.2	96.2	96.2	96.3	96.3	96.6	96.7	96.7	96.8	97.1	97.4	97.7
GE 500	91.3	93.2	94.6	95.9	96.7	96.7	96.7	96.9	96.9	97.1	97.2	97.2	97.3	97.7	98.0	98.2
GE 400	91.7	93.6	95.0	96.4	97.6	97.6	97.7	97.9	97.9	98.2	98.3	98.3	98.4	98.8	99.1	99.3
GE 300	91.7	93.6	95.0	96.4	97.7	97.7	97.9	98.1	98.1	98.4	98.6	98.6	98.7	99.0	99.3	99.6
GE 200	91.7	93.6	95.0	96.6	97.8	97.8	98.0	98.2	98.2	98.7	98.8	98.8	98.8	99.1	99.4	99.8
GE 100	91.7	93.6	95.0	96.6	97.8	97.8	98.0	98.2	98.2	98.7	98.8	98.8	99.1	99.4	99.8	100.0
GE 000	91.7	93.6	95.0	96.6	97.8	97.8	98.0	98.2	98.2	98.7	98.8	98.8	99.1	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 20000	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 18000	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 16000	51.7	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 14000	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 10000	58.2	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 9000	59.6	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 8000	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 7000	63.7	64.1	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 6000	64.2	64.7	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 5000	68.1	68.7	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	70.4	71.0	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	71.3
GE 4000	76.9	77.4	77.7	77.7	77.7	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3500	84.2	85.0	85.2	85.2	85.4	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3000	90.7	91.4	91.7	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	93.6	94.3	94.6	94.7	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	95.0	95.8	96.0	96.1	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	95.3	96.1	96.3	96.4	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	96.0	96.9	97.1	97.3	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1200	96.6	97.4	97.7	97.9	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	96.9	97.8	98.0	98.2	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	96.9	97.9	98.1	98.4	98.8	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	97.0	98.0	98.3	98.7	99.0	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	97.0	98.0	98.3	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.0	98.0	98.3	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.0	98.0	98.3	98.8	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9
GE 400	97.1	98.1	98.4	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	97.1	98.1	98.4	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	97.1	98.1	98.4	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	97.1	98.1	98.4	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	97.1	98.1	98.4	98.9	99.2	99.6	99.8	99.8	99.8	99.8	99.8	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	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	54.9
GE 20000	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
GE 18000	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 14000	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 12000	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 10000	75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 9000	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 8000	80.8	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 7000	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 6000	83.3	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 5000	87.0	87.1	87.2	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	88.8	89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	91.4	91.7	91.8	91.8	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3500	93.3	93.6	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	95.4	95.7	95.8	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	96.0	96.3	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2000	96.0	96.3	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1800	96.0	96.3	96.6	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1500	96.4	96.8	97.0	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1200	96.8	97.1	97.3	97.6	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	97.4	97.8	98.0	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	97.4	97.8	98.0	98.2	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	97.7	98.1	98.3	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	97.7	98.1	98.3	98.6	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 600	97.8	98.3	98.7	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	97.8	98.3	98.7	98.9	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	97.8	98.3	98.7	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	97.8	98.3	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	98.3	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	98.3	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	98.3	98.7	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.2	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.6
GE 20000	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0	64.0	64.0	64.1	64.1	64.1
GE 18000	64.1	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.5	64.5
GE 16000	64.3	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.8
GE 14000	64.9	65.0	65.1	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.4
GE 12000	67.3	67.5	67.6	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.8	67.8	67.8
GE 10000	71.7	71.9	72.0	72.0	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.2	72.2	72.3	72.3
GE 9000	73.2	73.4	73.5	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.8	73.8	73.8
GE 8000	77.1	77.4	77.4	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.7	77.7	77.8	77.8
GE 7000	79.4	79.6	79.7	79.8	79.9	79.9	79.9	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.1	80.1
GE 6000	80.5	80.8	81.0	81.1	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.3	81.3	81.3
GE 5000	83.7	84.0	84.2	84.3	84.4	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.6	84.6	84.7
GE 4500	85.1	85.4	85.7	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.1
GE 4000	87.9	88.2	88.5	88.6	88.7	88.7	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.9	88.9	88.9
GE 3500	90.4	90.8	91.0	91.2	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.5	91.5	91.5	91.6
GE 3000	92.5	92.9	93.2	93.4	93.6	93.6	93.6	93.6	93.6	93.7	93.7	93.7	93.7	93.8	93.8	93.8
GE 2500	93.5	94.0	94.3	94.5	94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	95.0
GE 2000	94.1	94.6	94.9	95.1	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.6
GE 1800	94.3	94.7	95.1	95.3	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 1500	94.7	95.3	95.7	95.9	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.4	96.4	96.4
GE 1200	95.2	95.8	96.2	96.4	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	97.0	97.0
GE 1000	95.7	96.3	96.7	97.0	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.7
GE 900	95.8	96.5	96.9	97.3	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9
GE 800	96.0	96.7	97.1	97.5	97.8	97.8	97.9	97.9	97.9	98.0	98.0	98.0	98.1	98.1	98.2	98.2
GE 700	96.1	96.8	97.3	97.7	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.5
GE 600	96.3	97.2	97.7	98.1	98.4	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9
GE 500	96.4	97.3	97.9	98.3	98.6	98.7	98.8	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.2	99.2
GE 400	96.6	97.5	98.1	98.6	99.0	99.0	99.1	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.6
GE 300	96.6	97.5	98.2	98.6	99.1	99.1	99.3	99.4	99.4	99.4	99.6	99.6	99.6	99.7	99.7	99.8
GE 200	96.6	97.5	98.2	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 100	96.6	97.5	98.2	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0
GE 000	96.6	97.5	98.2	98.7	99.1	99.1	99.3	99.4	99.4	99.5	99.6	99.6	99.8	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.7	54.7	54.9	55.0	55.5	55.5	55.5	55.6	55.6	55.6	55.7	55.7	55.8	55.8	55.9	56.1
GE 20000	61.2	61.2	61.4	61.5	62.0	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.4	62.6
GE 18000	61.2	61.2	61.4	61.5	62.0	62.0	62.0	62.1	62.1	62.1	62.2	62.2	62.3	62.3	62.4	62.6
GE 16000	61.3	61.3	61.5	61.6	62.1	62.1	62.1	62.2	62.2	62.2	62.3	62.3	62.4	62.4	62.5	62.7
GE 14000	62.0	62.0	62.2	62.3	62.7	62.7	62.7	62.8	62.8	62.8	62.9	62.9	63.1	63.1	63.2	63.4
GE 12000	65.3	65.3	65.5	65.7	66.1	66.1	66.1	66.2	66.2	66.2	66.5	66.5	66.6	66.6	66.7	67.0
GE 10000	69.6	69.6	69.8	69.9	70.5	70.5	70.5	70.6	70.6	70.7	71.1	71.1	71.2	71.2	71.4	71.6
GE 9000	71.2	71.2	71.4	71.5	72.2	72.2	72.2	72.3	72.3	72.4	72.7	72.7	72.8	72.8	73.0	73.2
GE 8000	76.6	76.6	76.8	76.9	77.6	77.6	77.7	77.9	77.9	78.0	78.3	78.3	78.4	78.4	78.7	78.9
GE 7000	80.7	80.7	80.9	81.0	81.7	81.7	81.8	82.0	82.0	82.1	82.4	82.4	82.6	82.6	82.8	83.0
GE 6000	82.8	82.8	83.0	83.1	83.7	83.7	83.9	84.1	84.1	84.2	84.5	84.5	84.6	84.6	84.8	85.0
GE 5000	85.0	85.0	85.3	85.4	86.0	86.0	86.1	86.3	86.3	86.5	86.8	86.8	86.9	86.9	87.1	87.3
GE 4500	86.2	86.2	86.5	86.6	87.2	87.2	87.3	87.5	87.5	87.6	88.0	88.0	88.1	88.1	88.3	88.5
GE 4000	86.5	86.7	86.9	87.0	87.8	87.8	87.9	88.1	88.1	88.2	88.5	88.5	88.6	88.6	88.8	89.1
GE 3500	87.3	87.5	87.8	87.9	88.6	88.6	88.7	88.9	88.9	89.1	89.4	89.4	89.5	89.5	89.7	89.9
GE 3000	87.8	88.1	88.4	88.6	89.4	89.4	89.5	89.7	89.7	89.8	90.1	90.1	90.2	90.2	90.5	90.7
GE 2500	88.1	88.4	88.8	89.1	89.8	89.8	89.9	90.1	90.1	90.2	90.6	90.6	90.7	90.7	90.9	91.1
GE 2000	88.7	89.1	89.5	89.7	90.5	90.5	90.6	90.8	90.8	90.9	91.2	91.2	91.3	91.3	91.5	91.8
GE 1800	88.8	89.2	89.6	89.8	90.6	90.6	90.7	90.9	90.9	91.0	91.3	91.3	91.4	91.4	91.7	91.9
GE 1500	89.5	89.8	90.2	90.5	91.2	91.2	91.3	91.5	91.5	91.7	92.0	92.0	92.1	92.1	92.3	92.5
GE 1200	89.8	90.4	90.8	91.0	91.8	91.9	92.0	92.2	92.2	92.3	92.6	92.6	92.7	92.7	93.0	93.2
GE 1000	90.6	91.1	91.7	91.9	92.6	92.7	93.1	93.3	93.3	93.4	93.7	93.7	93.8	93.8	94.0	94.3
GE 900	91.2	91.8	92.3	92.5	93.3	93.4	93.7	93.9	93.9	94.0	94.4	94.4	94.5	94.5	94.7	94.9
GE 800	92.1	92.6	93.2	93.4	94.1	94.3	94.6	94.8	94.8	94.9	95.2	95.2	95.3	95.3	95.6	95.8
GE 700	92.3	93.0	93.5	93.7	94.5	94.6	94.9	95.1	95.1	95.3	95.7	95.7	95.8	95.8	96.0	96.2
GE 600	92.8	93.6	94.3	94.5	95.6	95.7	96.0	96.2	96.2	96.4	96.7	96.7	96.9	96.9	97.1	97.3
GE 500	93.1	93.8	94.5	94.7	96.0	96.1	96.4	96.6	96.6	97.0	97.3	97.3	97.4	97.4	97.6	97.8
GE 400	93.3	94.0	94.7	94.9	96.3	96.4	96.9	97.1	97.1	97.5	97.8	97.8	97.9	97.9	98.2	98.4
GE 300	93.4	94.1	95.0	95.2	96.6	96.7	97.2	97.5	97.5	98.0	98.4	98.4	98.5	98.5	98.7	98.9
GE 200	93.4	94.3	95.1	95.4	96.9	97.0	97.4	97.7	97.7	98.3	98.6	98.6	98.8	98.8	99.0	99.7
GE 100	93.4	94.3	95.1	95.4	96.9	97.0	97.4	97.7	97.7	98.3	98.6	98.6	98.8	98.8	99.0	100.0
GE 000	93.4	94.3	95.1	95.4	96.9	97.0	97.4	97.7	97.7	98.3	98.6	98.6	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 18000	59.7	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
GE 16000	59.8	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 14000	60.2	60.3	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 12000	61.8	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	62.0	62.0
GE 10000	66.6	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 9000	67.8	68.1	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	70.4	70.6	70.8	71.1	71.1	71.1	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 7000	72.0	72.3	72.4	72.7	72.7	72.7	72.7	72.8	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 6000	72.6	72.9	73.0	73.3	73.3	73.3	73.3	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	75.8	76.1	76.2	76.6	76.6	76.6	76.6	76.7	76.7	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 4500	76.1	76.5	76.6	76.9	76.9	76.9	76.9	77.0	77.0	77.2	77.5	77.5	77.5	77.5	77.5	77.5
GE 4000	81.2	81.6	81.8	82.2	82.2	82.2	82.2	82.3	82.3	82.5	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	82.7	83.1	83.3	83.7	83.7	83.7	83.7	83.8	83.8	84.0	84.3	84.3	84.3	84.3	84.3	84.3
GE 3000	86.8	87.2	87.4	87.8	87.8	87.8	87.8	88.0	88.0	88.2	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	88.3	88.7	88.9	89.4	89.4	89.4	89.4	89.5	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	89.6	90.2	90.5	91.0	91.0	91.0	91.0	91.1	91.1	91.3	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	89.7	90.3	90.6	91.1	91.1	91.1	91.1	91.2	91.2	91.4	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	90.5	91.3	91.6	92.0	92.0	92.0	92.0	92.2	92.2	92.4	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	92.4	93.2	93.7	94.1	94.2	94.2	94.2	94.3	94.3	94.5	94.8	94.8	94.8	94.8	94.8	94.8
GE 1000	94.5	95.4	95.8	96.2	96.3	96.3	96.3	96.5	96.5	96.7	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	94.7	95.6	96.0	96.5	96.6	96.6	96.6	96.7	96.7	96.9	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	95.1	95.9	96.5	97.0	97.1	97.1	97.1	97.2	97.2	97.4	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	95.2	96.1	96.8	97.3	97.4	97.4	97.4	97.5	97.5	97.7	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	95.4	96.3	97.0	97.5	97.7	97.7	97.7	97.8	97.8	98.1	98.4	98.4	98.4	98.4	98.4	98.4
GE 500	95.4	96.3	97.2	97.8	98.3	98.3	98.3	98.4	98.4	98.6	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	95.4	96.7	97.5	98.3	98.7	98.8	98.8	99.1	99.1	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	95.4	96.7	97.5	98.4	98.8	98.9	98.9	99.2	99.2	99.5	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	95.4	96.7	97.5	98.4	98.8	98.9	98.9	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	95.4	96.7	97.5	98.4	98.8	98.9	98.9	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	95.4	96.7	97.5	98.4	98.8	98.9	98.9	99.2	99.2	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	42.2	42.2	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	53.7	53.9	53.9	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 18000	54.3	54.5	54.5	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 16000	54.4	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 14000	55.4	55.6	55.6	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
GE 12000	58.6	58.8	58.9	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
GE 10000	62.9	63.1	63.2	63.3	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 9000	64.4	64.6	64.7	64.8	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 8000	67.4	67.6	67.7	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 7000	71.1	71.3	71.4	71.6	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0
GE 6000	74.6	74.8	74.9	75.2	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6
GE 5000	81.4	81.6	81.7	81.9	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.5	82.5	82.5	82.5
GE 4500	83.1	83.3	83.5	83.8	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.3	84.3	84.3	84.3
GE 4000	88.0	88.4	88.6	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.5	89.5	89.5	89.5
GE 3500	91.3	91.7	91.9	92.3	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.8	92.8	92.8	92.8
GE 3000	94.3	94.9	95.2	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	96.0	96.0	96.0	96.0
GE 2500	95.3	96.0	96.2	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.1	97.1
GE 2000	96.2	97.0	97.2	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	98.1	98.1	98.1	98.1
GE 1800	96.2	97.0	97.3	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.2	98.2	98.2	98.2
GE 1500	96.3	97.1	97.5	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.6	98.6
GE 1200	97.0	98.0	98.4	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.4	99.4	99.5	99.5
GE 1000	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.6	99.6
GE 900	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.5	99.5	99.6	99.6
GE 800	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.7	99.7
GE 700	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.6	99.6	99.7	99.7
GE 600	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	99.9
GE 500	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	99.9
GE 400	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	99.9
GE 300	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	99.9
GE 200	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	99.9
GE 100	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.8	99.8	99.9	100.0
GE 000	97.1	98.1	98.5	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.1	61.1	61.1	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3
GE 18000	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 16000	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.6	69.6	69.6	69.6
GE 14000	70.2	70.2	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6	70.6	70.6	70.6	70.6
GE 12000	72.6	72.6	72.6	72.8	72.9	72.9	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0
GE 10000	78.4	78.4	78.4	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.8	78.8	78.8	78.8	78.8	78.8
GE 9000	80.1	80.1	80.1	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 8000	84.9	84.9	84.9	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	87.7	87.7	87.7	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	89.3	89.3	89.3	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6
GE 5000	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3
GE 4500	93.2	93.2	93.2	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 4000	94.6	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
GE 3500	95.6	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4
GE 3000	96.6	97.0	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	96.8	97.3	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	96.9	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	96.9	97.5	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	96.9	97.6	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	97.0	97.7	98.1	98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	97.3	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	97.3	97.9	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	97.3	97.9	98.5	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	97.6	98.2	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	97.7	98.5	99.2	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.7	98.6	99.3	99.5	99.6	99.6	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	68.5	68.6	68.6	68.6	68.7	68.7	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 20000	75.1	75.2	75.2	75.4	75.5	75.5	75.5	75.5	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 18000	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 16000	76.0	76.1	76.1	76.2	76.3	76.3	76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
GE 14000	76.4	76.5	76.5	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 12000	78.6	78.7	78.7	78.8	78.9	78.9	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 10000	83.1	83.2	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 9000	84.6	84.8	84.8	84.9	85.0	85.0	85.0	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 8000	88.2	88.3	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 7000	91.9	92.0	92.0	92.1	92.3	92.3	92.3	92.3	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 6000	92.6	92.7	92.7	92.9	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 5000	93.8	93.9	93.9	94.0	94.2	94.2	94.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4500	95.1	95.2	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 4000	95.8	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 3500	96.0	96.1	96.1	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	96.7	96.8	96.8	96.9	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	96.8	96.9	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	97.0	97.1	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	97.0	97.1	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	97.0	97.1	97.1	97.3	97.5	97.5	97.5	97.5	97.5	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	97.1	97.3	97.3	97.4	97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1000	97.3	97.4	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 900	97.4	97.5	97.5	97.6	97.9	97.9	97.9	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 800	97.6	98.0	98.0	98.2	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	97.6	98.2	98.3	98.6	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	97.9	98.5	98.6	98.8	99.0	99.0	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	98.2	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	98.2	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.2	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	98.2	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	98.2	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	98.2	98.9	99.3	99.5	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	56.2	56.3	56.6	56.7	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9	56.9	56.9	57.0
GE 20000	62.9	63.0	63.2	63.4	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	64.0	64.0	64.0	64.1
GE 18000	63.4	63.6	63.8	64.0	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6	64.6	64.6	64.7
GE 16000	63.9	64.0	64.2	64.4	64.7	64.8	64.8	64.8	64.8	64.8	64.8	64.8	65.0	65.0	65.0	65.1
GE 14000	64.6	64.7	64.9	65.1	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.7	65.7	65.7	65.8
GE 12000	68.2	68.3	68.6	68.8	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.3	69.3	69.3	69.4
GE 10000	74.1	74.2	74.4	74.7	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.2	75.2	75.2	75.3
GE 9000	76.7	76.9	77.1	77.3	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.9	77.9	77.9	78.0
GE 8000	81.6	81.8	82.0	82.2	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.8	82.8	82.8	82.9
GE 7000	86.4	86.7	86.9	87.1	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.7	87.7	87.7	87.8
GE 6000	88.0	88.2	88.4	88.7	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.2	89.2	89.2	89.3
GE 5000	89.7	89.9	90.3	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.3
GE 4500	89.7	89.9	90.3	90.6	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.2	91.2	91.2	91.3
GE 4000	90.6	90.9	91.4	91.7	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.6	92.7
GE 3500	90.9	91.2	91.9	92.1	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	93.1	93.1	93.1	93.2
GE 3000	91.4	91.9	92.6	92.8	93.4	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.9
GE 2500	91.8	92.2	92.9	93.1	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9	94.1	94.1	94.1	94.2
GE 2000	92.0	92.4	93.1	93.3	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.3	94.3	94.3	94.4
GE 1800	92.1	92.7	93.3	93.6	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.6	94.6	94.6	94.7
GE 1500	92.4	93.0	93.7	93.9	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.9	94.9	94.9	95.0
GE 1200	92.9	93.4	94.2	94.4	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4	95.6
GE 1000	94.0	94.6	95.3	95.7	96.3	96.4	96.4	96.4	96.4	96.6	96.6	96.6	96.8	96.8	96.8	96.9
GE 900	94.2	94.8	95.6	95.9	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.8	97.0	97.0	97.0	97.1
GE 800	94.6	95.1	96.0	96.4	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.6	97.6	97.6	97.7
GE 700	94.8	95.3	96.2	96.7	97.3	97.4	97.4	97.4	97.4	97.6	97.6	97.6	97.8	97.8	97.8	97.9
GE 600	95.3	96.0	97.0	97.4	98.2	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.8
GE 500	95.7	96.4	97.4	98.0	98.8	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.2	99.2	99.2	99.3
GE 400	95.7	96.4	97.4	98.0	99.0	99.1	99.1	99.1	99.1	99.2	99.2	99.2	99.4	99.4	99.4	99.6
GE 300	95.7	96.4	97.4	98.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9
GE 200	95.7	96.4	97.4	98.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9
GE 100	95.7	96.4	97.4	98.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.8	99.8	99.8	99.9
GE 000	95.7	96.4	97.4	98.0	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 20000	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 16000	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 14000	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	64.2	64.2
GE 12000	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 10000	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 8000	73.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 7000	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	76.9	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 5000	80.8	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 4500	81.9	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 4000	87.6	88.1	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	90.2	90.8	90.9	91.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 3000	93.2	94.0	94.1	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	94.8	95.6	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	95.3	96.1	96.2	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	95.7	96.4	96.6	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	96.1	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	97.0	97.8	97.9	98.2	98.4	98.4	8.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	97.7	98.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	97.7	98.7	98.8	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	97.8	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	97.8	98.9	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	97.8	98.9	99.1	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	97.8	98.9	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	97.8	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.8	98.9	99.2	99.8	99.9	100.0	1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.8	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.8	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.8	98.9	99.2	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 20000	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.3	71.3	71.3	71.3
GE 18000	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0
GE 16000	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3
GE 14000	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.1	73.1	73.1	73.1
GE 12000	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	80.5	80.5	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7
GE 9000	83.0	83.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2
GE 8000	87.6	87.6	87.7	87.7	87.8	87.8	87.8	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9
GE 7000	89.1	89.1	89.2	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 6000	90.1	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5
GE 5000	92.4	92.4	92.5	92.5	92.7	92.7	92.7	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9
GE 4500	93.5	93.5	93.6	93.6	93.7	93.7	93.7	93.8	93.8	93.8	93.9	93.9	93.9	93.9	93.9	93.9
GE 4000	95.6	95.6	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	96.1	96.1	96.2	96.2	96.3	96.3	96.3	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.6
GE 3000	97.2	97.2	97.5	97.5	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	97.4	97.4	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
GE 2000	97.7	97.7	98.0	98.0	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	97.8	97.8	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	98.2	98.2	98.5	98.5	98.7	98.7	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	98.2	98.3	98.7	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	98.2	98.3	98.7	98.7	99.0	99.0	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	98.4	98.5	99.0	99.0	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	98.5	98.7	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	8.5	98.7	99.2	99.2	99.4	99.4	99.5	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	98.6	98.9	99.3	99.3	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	98.6	98.9	99.3	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.6	98.9	99.3	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.6	98.9	99.3	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.6	98.9	99.3	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.6	98.9	99.3	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.6	98.9	99.3	99.3	99.7	99.7	99.8	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 871

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.2
GE 20000	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.5	67.6	67.6
GE 18000	67.7	67.8	67.8	67.8	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.1	68.1	68.1	68.1
GE 16000	68.1	68.1	68.1	68.2	68.3	68.3	68.3	68.3	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.5
GE 14000	68.8	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
GE 12000	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.1
GE 10000	76.4	76.5	76.5	76.6	76.7	76.7	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 9000	78.1	78.2	78.2	78.3	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.6
GE 8000	82.4	82.5	82.5	82.6	82.7	82.7	82.7	82.8	82.8	82.8	82.8	82.8	82.9	82.9	82.9	82.9
GE 7000	85.5	85.6	85.7	85.7	85.8	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.1
GE 6000	86.6	86.7	86.9	86.9	87.0	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.3
GE 5000	88.9	89.1	89.2	89.3	89.4	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.7
GE 4500	89.9	90.0	90.2	90.2	90.4	90.4	90.4	90.5	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.7
GE 4000	92.2	92.3	92.6	92.6	92.8	92.8	92.9	92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.1
GE 3500	93.2	93.4	93.7	93.7	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.2	94.2	94.2	94.3
GE 3000	94.7	95.0	95.2	95.3	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 2500	95.2	95.5	95.7	95.8	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.4
GE 2000	95.7	95.9	96.2	96.3	96.6	96.6	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.9
GE 1800	95.8	96.0	96.3	96.4	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 1500	96.2	96.4	96.7	96.8	97.1	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.4	97.4
GE 1200	96.5	96.8	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.9
GE 1000	97.0	97.4	97.7	97.8	98.1	98.2	98.2	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.5
GE 900	97.1	97.5	97.9	98.0	98.3	98.3	98.4	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.6	98.6
GE 800	97.3	97.8	98.2	98.3	98.6	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 700	97.5	98.0	98.3	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.2
GE 600	97.6	98.2	98.6	98.7	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4	99.4
GE 500	97.8	98.4	98.9	99.1	99.4	99.5	99.5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 400	97.8	98.4	98.9	99.1	99.5	99.6	99.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 300	97.8	98.4	98.9	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 200	97.8	98.4	98.9	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	97.8	98.4	98.9	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
GE 000	97.8	98.4	98.9	99.1	99.5	99.6	99.7	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE ,	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.1	77.1	77.2	77.2	77.4	77.4	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 20000	81.6	81.6	81.8	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 18000	81.8	81.8	81.9	81.9	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	81.9	81.9	82.0	82.0	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 14000	82.5	82.5	82.6	82.6	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 12000	86.4	86.4	86.5	86.5	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 10000	89.7	89.7	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 9000	90.8	90.8	90.9	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 8000	92.3	92.3	92.4	92.4	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 7000	94.0	94.0	94.1	94.1	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 6000	95.2	95.2	95.3	95.3	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 5000	96.4	96.4	96.6	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 4500	96.6	96.6	96.7	96.7	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 4000	97.1	97.1	97.2	97.2	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 3500	97.2	97.2	97.3	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 3000	97.4	97.4	97.6	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	97.6	97.6	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	97.7	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	97.7	97.7	97.8	97.8	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	97.8	97.8	97.9	97.9	98.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	98.1	98.1	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	98.2	98.2	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	98.3	98.3	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	98.3	98.3	98.7	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	98.8	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	99.0	99.0	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	99.1	99.1	99.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	99.3	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.3	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.3	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.3	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.3	99.3	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	72.2	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 20000	78.3	78.3	78.4	78.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 18000	78.5	78.5	78.6	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 16000	78.6	78.6	78.7	78.7	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 14000	79.6	79.6	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 12000	82.7	82.7	82.8	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 10000	85.4	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 9000	86.8	86.8	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 8000	90.9	90.9	91.0	91.0	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 7000	91.8	91.8	91.9	91.9	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 6000	92.3	92.3	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 5000	93.5	93.5	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
GE 4500	93.9	93.9	94.0	94.0	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4000	95.2	95.2	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3500	96.1	96.1	96.2	96.2	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 3000	97.0	97.0	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	97.5	97.5	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	98.3	98.3	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	99.0	99.0	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	99.4	99.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	99.5	99.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.5	99.6	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.2	.5	.1									1.8	4.1	4.0
020-040	2.3	1.8	.4	.1								4.6	5.1	4.0
050-070	2.7	2.8	.4	.0								5.9	5.1	5.0
(E) 080-100	2.1	1.2	.2	.0	.0							3.5	4.5	4.0
110-130	1.7	.5	.1									2.3	3.9	3.0
140-160	3.8	1.5	.0	.0								5.3	3.8	4.0
(S) 170-190	6.0	5.4	1.0	.1								12.5	5.1	5.0
200-220	5.9	9.8	5.1	.6	.1	.0						21.4	7.1	7.0
230-250	4.7	6.7	3.3	.4	.1							15.1	6.8	6.0
(W) 260-280	3.1	2.4	1.0	.1		.0						6.6	5.4	5.0
290-310	1.3	.7	.1	.1	.0							2.2	4.9	4.0
320-340	1.1	.7	.1	.0								1.8	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											16.9	////////////////////////////////	
TOTALS	35.9	34.0	11.8	1.4	.2							100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7											1.7	2.7	3.0
020-040	4.8	1.4	.1									6.3	3.4	3.0
050-070	5.4	1.5	.1	.1								7.1	3.7	3.5
(E) 080-100	2.2		.1									2.3	2.8	2.0
110-130	1.0											1.0	2.3	2.0
140-160	3.0	.1										3.1	2.4	2.0
(S) 170-190	6.5	2.4	.6									9.4	4.0	3.0
200-220	7.0	5.5	1.4	.2								14.2	5.2	5.0
230-250	6.9	2.5	.5									9.9	3.8	3.0
(W) 260-280	5.3	1.0	.1									6.5	3.3	3.0
290-310	.7	.3	.1									1.2	4.4	3.5
320-340	.5											.5	1.8	2.0
VARIABLE														
CALM	////////////////////////////////////											36.8	////////////////////////////////	
TOTALS	45.0	14.7	3.0	.3								100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 20000	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	79.8	80.	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 16000	79.9	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 14000	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 12000	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 10000	85.8	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	6.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 9000	86.2	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 8000	87.7	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 7000	89.8	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	91.5	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 5000	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4500	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 4000	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 3500	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 3000	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2500	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	98.8	99.1	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	99.0	99.4	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.7	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 20000	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 18000	85.5	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 16000	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 14000	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 12000	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 10000	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 9000	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 8000	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 7000	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 6000	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 5000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4500	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 4000	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 3500	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 3000	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 900	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.4	99.7	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 873

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.7	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 20000	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 18000	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 16000	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 14000	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 12000	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 10000	91.2	91.2	91.3	91.3	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 9000	92.2	92.2	92.3	92.3	92.5	92.5	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 8000	95.6	95.6	95.7	95.7	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 7000	96.5	96.5	96.6	96.6	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 6000	96.8	96.8	96.9	96.9	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 5000	97.8	97.8	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4500	97.8	97.8	98.0	98.0	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 4000	98.1	98.1	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 3500	98.2	98.2	98.3	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 3000	98.5	98.5	98.6	98.6	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	98.6	98.6	98.8	98.8	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	98.7	98.7	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	98.7	98.7	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	98.7	98.7	98.9	98.9	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	98.8	98.8	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	98.8	98.8	99.0	99.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	98.8	98.8	99.0	99.0	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	98.9	98.9	99.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	98.9	98.9	99.1	99.1	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	98.9	98.9	99.1	99.2	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	99.0	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.0	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.0	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.0	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.0	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.0	99.2	99.5	99.6	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSRVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7	71.8	71.8
GE 20000	78.1	78.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.5	78.5	78.6	78.6
GE 18000	78.5	78.6	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	79.0	79.0
GE 16000	78.8	78.9	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.2	79.4	79.4
GE 14000	80.0	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4	80.5	80.5
GE 12000	83.2	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.7	83.7	83.8	83.8
GE 10000	87.7	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3
GE 9000	88.7	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2
GE 8000	92.3	92.5	92.7	92.7	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.9	92.9	93.0	93.0	93.1
GE 7000	93.4	93.7	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	94.3
GE 6000	94.6	94.8	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2	95.2	95.3	95.3	95.4	95.4	95.5
GE 5000	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.2
GE 4500	95.4	95.6	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9	95.9	96.0	96.0	96.1	96.1	96.2
GE 4000	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.6
GE 3500	95.6	95.9	96.1	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2	96.3	96.3	96.5	96.5	96.6
GE 3000	95.7	96.0	96.2	96.2	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.5	96.5	96.6	96.6	96.7
GE 2500	96.0	96.3	96.6	96.6	96.6	96.6	96.6	96.7	96.7	96.7	96.7	96.8	96.8	96.9	96.9	97.0
GE 2000	96.1	96.5	96.7	96.7	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.1
GE 1800	96.2	96.6	96.8	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0	97.0	97.1	97.1	97.2
GE 1500	96.3	96.8	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.4
GE 1200	96.6	97.0	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.4	97.4	97.5	97.5	97.6
GE 1000	96.7	97.1	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	97.5	97.6	97.6	97.7
GE 900	96.9	97.3	97.5	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.8	97.8	98.0	98.0	98.1
GE 800	97.6	98.1	98.3	98.3	98.4	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7	98.8	98.8	98.9
GE 700	97.7	98.2	98.5	98.7	98.8	98.9	98.9	99.0	99.0	99.0	99.0	99.1	99.1	99.2	99.2	99.4
GE 600	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 500	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 400	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.7
GE 300	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.8
GE 200	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	99.8
GE 100	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0
GE 000	97.8	98.3	98.7	99.0	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.5	99.5	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.9	70.9	70.9	70.9	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 20000	79.5	79.5	79.5	79.5	79.8	79.8	79.6	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 18000	80.2	80.2	80.2	80.2	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 16000	80.5	80.5	80.5	80.5	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 14000	81.7	81.7	81.7	81.7	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 12000	84.7	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 10000	86.7	86.8	86.8	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 9000	87.2	87.3	87.3	87.4	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 8000	89.2	89.4	89.4	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 7000	89.6	89.7	89.7	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 6000	91.1	91.2	91.2	91.3	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 5000	93.7	93.8	93.8	93.9	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
GE 4500	94.5	94.6	94.6	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 4000	96.0	96.2	96.3	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3500	97.4	97.6	97.7	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	98.2	98.4	98.5	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2500	98.5	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	98.5	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1800	98.5	98.7	98.8	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	98.5	98.7	98.9	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	98.5	98.7	98.9	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	98.5	98.7	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	98.5	98.7	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	98.5	98.7	98.9	99.2	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	98.5	98.7	98.9	99.2	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.5	98.7	98.9	99.2	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.1	73.1	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 20000	82.9	82.9	83.3	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 18000	83.4	83.4	83.9	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 16000	84.0	84.0	84.4	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 14000	85.8	85.8	86.2	86.5	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 12000	87.7	87.7	88.2	88.4	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 10000	91.3	91.3	91.8	92.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 9000	92.0	92.0	92.6	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 8000	94.3	94.5	95.1	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 7000	94.8	95.1	95.6	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 6000	96.5	96.7	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 5000	97.4	97.8	98.4	98.7	98.9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 4500	97.6	98.1	98.6	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4000	97.7	98.2	98.7	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3500	97.7	98.2	98.7	99.0	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 3000	98.3	98.7	99.2	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 2500	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	98.8	99.4	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.3	74.3	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.7
GE 20000	81.9	82.0	82.1	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.4	82.4
GE 18000	82.3	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.8
GE 16000	82.6	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.0	83.0	83.0	83.0
GE 14000	83.7	83.8	83.9	84.0	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2
GE 12000	86.3	86.4	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.8
GE 10000	89.7	89.7	89.9	90.0	90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 9000	90.5	90.6	90.7	90.8	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 8000	93.1	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8
GE 7000	93.9	94.0	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5
GE 6000	95.0	95.1	95.3	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.7
GE 5000	96.3	96.4	96.6	96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0
GE 4500	96.5	96.7	96.9	97.0	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 4000	97.0	97.3	97.5	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.9
GE 3500	97.3	97.5	97.7	97.8	98.0	98.0	98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 3000	97.8	98.0	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.6
GE 2500	97.9	98.1	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.8	98.8
GE 2000	98.0	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	98.0	98.3	98.5	98.6	98.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1500	98.1	98.4	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 1200	98.3	98.5	98.8	98.9	99.1	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	98.3	98.6	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3
GE 900	98.4	98.6	98.8	99.0	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	98.5	98.8	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
GE 700	98.5	98.8	99.0	99.2	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 600	98.6	98.9	99.1	99.3	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 500	98.6	98.9	99.2	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9
GE 400	98.7	98.9	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	98.7	98.9	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	98.7	98.9	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	98.7	98.9	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	98.7	98.9	99.2	99.4	99.7	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.8	71.1	71.4	71.6	71.8	71.9	71.9	72.0	72.0	72.0	72.2	72.3	72.6	72.7	72.8	72.9
GE 20000	73.7	74.0	74.3	74.4	74.7	74.8	74.8	74.9	74.9	74.9	75.1	75.2	75.4	75.6	75.7	75.8
GE 18000	73.8	74.1	74.4	74.6	74.8	74.9	74.9	75.0	75.0	75.0	75.2	75.3	75.6	75.7	75.8	75.9
GE 16000	73.9	74.2	74.6	74.7	74.9	75.0	75.0	75.1	75.1	75.1	75.3	75.4	75.7	75.8	75.9	76.0
GE 14000	74.2	74.6	74.9	75.0	75.2	75.3	75.3	75.4	75.4	75.4	75.7	75.8	76.0	76.1	76.2	76.3
GE 12000	74.8	75.1	75.4	75.6	75.8	75.9	75.9	76.0	76.0	76.0	76.2	76.3	76.6	76.7	76.8	76.9
GE 10000	77.7	78.0	78.3	78.4	78.7	78.8	78.8	78.9	78.9	78.9	79.1	79.2	79.4	79.6	79.7	79.8
GE 9000	79.2	79.6	79.9	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.7	80.8	81.0	81.1	81.2	81.3
GE 8000	83.1	83.4	83.8	83.9	84.1	84.2	84.2	84.3	84.3	84.3	84.6	84.7	84.9	85.0	85.1	85.2
GE 7000	85.6	85.9	86.2	86.3	86.6	86.7	86.8	86.9	86.9	86.9	87.1	87.2	87.4	87.6	87.7	87.8
GE 6000	86.7	87.0	87.3	87.4	87.7	87.8	87.9	88.0	88.0	88.0	88.2	88.3	88.6	88.7	88.8	88.9
GE 5000	90.0	90.4	90.8	90.9	91.1	91.2	91.3	91.4	91.4	91.4	91.7	91.8	92.0	92.1	92.2	92.3
GE 4500	90.6	91.1	91.4	91.7	91.9	92.0	92.1	92.2	92.2	92.2	92.4	92.6	92.8	92.9	93.0	93.1
GE 4000	91.3	91.9	92.2	92.4	92.7	92.8	92.9	93.0	93.0	93.0	93.2	93.3	93.6	93.7	93.8	93.9
GE 3500	92.0	92.6	92.9	93.1	93.3	93.4	93.6	93.7	93.7	93.7	93.9	94.0	94.2	94.3	94.4	94.6
GE 3000	92.6	93.1	93.4	93.8	94.0	94.1	94.2	94.3	94.3	94.3	94.6	94.7	94.9	95.0	95.1	95.2
GE 2500	92.9	93.4	93.8	94.1	94.3	94.4	94.6	94.7	94.7	94.7	94.9	95.0	95.2	95.3	95.4	95.6
GE 2000	93.1	93.7	94.0	94.3	94.6	94.7	94.8	94.9	94.9	94.9	95.1	95.2	95.4	95.6	95.7	95.8
GE 1800	93.1	93.7	94.1	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.2	95.3	95.6	95.7	95.8	95.9
GE 1500	93.1	93.7	94.1	94.4	94.7	94.8	94.9	95.0	95.0	95.0	95.2	95.3	95.6	95.7	95.8	95.9
GE 1200	93.1	93.7	94.2	94.6	94.8	94.9	95.0	95.1	95.1	95.1	95.3	95.4	95.7	95.8	95.9	96.0
GE 1000	93.4	94.0	94.6	94.9	95.1	95.2	95.3	95.4	95.4	95.4	95.7	95.8	96.0	96.1	96.2	96.3
GE 900	93.8	94.3	94.9	95.2	95.4	95.6	95.7	95.8	95.8	95.8	96.0	96.1	96.3	96.4	96.6	96.7
GE 800	95.1	95.7	96.2	96.6	96.8	96.9	97.0	97.1	97.1	97.1	97.3	97.4	97.7	97.8	97.9	98.0
GE 700	95.6	96.1	96.7	97.0	97.2	97.3	97.4	97.6	97.6	97.6	97.8	97.9	98.1	98.2	98.3	98.4
GE 600	95.7	96.2	96.8	97.3	97.6	97.7	97.8	97.9	97.9	97.9	98.1	98.2	98.4	98.6	98.7	98.8
GE 500	95.7	96.2	96.9	97.4	97.7	97.8	97.9	98.0	98.0	98.0	98.2	98.3	98.6	98.7	98.8	98.9
GE 400	95.8	96.3	97.0	97.6	97.8	97.9	98.0	98.1	98.1	98.1	98.3	98.4	98.7	98.8	98.9	99.0
GE 300	95.9	96.4	97.1	97.9	98.1	98.2	98.4	98.6	98.6	98.6	98.8	98.9	99.1	99.2	99.3	99.4
GE 200	95.9	96.4	97.1	97.9	98.1	98.2	98.4	98.6	98.6	98.6	98.8	98.9	99.1	99.2	99.4	99.8
GE 100	95.9	96.4	97.1	97.9	98.1	98.2	98.4	98.6	98.6	98.7	98.9	99.0	99.2	99.3	99.6	100.0
GE 000	95.9	96.4	97.1	97.9	98.1	98.2	98.4	98.6	98.6	98.7	98.9	99.0	99.2	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.4	63.9	63.9	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	69.9	70.3	70.3	70.6	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 18000	70.3	70.8	70.8	71.0	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 16000	70.6	71.0	71.0	71.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 14000	72.7	73.1	73.1	73.3	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 12000	75.1	75.6	75.6	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 10000	78.7	79.1	79.1	79.3	80.0	80.0	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1	80.1
GE 9000	80.1	80.6	80.6	80.8	81.4	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 8000	83.4	83.9	83.9	84.4	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	85.0	85.4	85.6	86.1	86.8	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 6000	86.3	86.8	86.9	87.4	88.1	88.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 5000	88.9	89.4	89.6	90.1	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 4500	89.0	89.6	89.7	90.2	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	89.8	90.3	90.6	91.1	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 3500	90.6	91.1	91.3	91.9	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	91.6	92.1	92.3	92.9	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	92.8	93.3	93.6	94.1	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	92.9	93.4	93.7	94.2	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1800	93.1	93.7	93.9	94.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	93.4	94.0	94.2	94.8	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	94.1	94.7	94.9	95.6	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	94.4	95.1	95.3	96.0	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	95.0	95.7	95.9	96.6	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 800	95.2	95.9	96.1	96.8	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	95.2	96.1	96.3	97.0	97.7	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 600	95.3	96.2	96.7	97.3	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 500	95.6	96.6	97.0	97.7	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.1
GE 400	95.7	96.7	97.1	97.8	98.8	98.8	99.2	99.2	99.2	99.2	99.3	99.3	99.3	99.3	99.3	99.4
GE 300	95.7	96.8	97.3	98.0	99.2	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	95.7	96.8	97.3	98.0	99.2	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	95.7	96.8	97.3	98.0	99.2	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	95.7	96.8	97.3	98.0	99.2	99.2	99.7	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89
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	61.7	62.5	62.8	63.0	63.3	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	70.2	71.3	71.6	71.8	72.0	72.0	72.2	72.2	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4
GE 18000	70.6	71.7	72.0	72.3	72.5	72.5	72.6	72.6	72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.8
GE 16000	70.7	71.8	72.2	72.4	72.6	72.6	72.7	72.7	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9
GE 14000	71.8	72.9	73.3	73.5	73.7	73.7	73.8	73.8	73.9	74.1	74.2	74.2	74.2	74.2	74.2	74.2
GE 12000	75.7	76.8	77.2	77.4	77.6	77.6	77.7	77.7	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1
GE 10000	78.6	79.8	80.2	80.4	80.6	81.0	81.1	81.1	81.2	81.3	81.4	81.4	81.4	81.4	81.4	81.4
GE 9000	79.8	81.1	81.5	81.7	82.0	82.3	82.4	82.4	82.5	82.6	82.7	82.7	82.7	82.7	82.7	82.7
GE 8000	82.2	83.5	84.0	84.2	84.5	84.9	85.0	85.0	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
GE 7000	83.3	84.9	85.3	85.5	85.9	86.2	86.3	86.3	86.4	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 6000	86.3	88.0	88.4	88.6	89.0	89.3	89.4	89.4	89.5	89.6	89.8	89.8	89.8	89.8	89.8	89.8
GE 5000	89.1	90.8	91.2	91.4	91.9	92.2	92.4	92.4	92.5	92.7	92.8	92.8	92.8	92.8	92.8	92.8
GE 4500	91.2	92.9	93.4	93.7	94.1	94.4	94.7	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0
GE 4000	92.0	93.7	94.3	94.7	95.1	95.4	95.7	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	92.7	94.3	95.0	95.3	95.8	96.1	96.3	96.4	96.5	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	93.4	95.1	95.9	96.2	96.7	97.0	97.2	97.3	97.4	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 2500	93.7	95.3	96.2	96.5	97.0	97.3	97.6	97.7	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	93.9	95.5	96.4	96.8	97.2	97.6	97.8	97.9	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	94.0	95.7	96.5	96.9	97.3	97.7	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	94.1	95.8	96.7	97.0	97.4	97.8	98.0	98.1	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	94.1	95.8	96.7	97.1	97.7	98.0	98.2	98.3	98.4	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	94.4	96.1	97.0	97.4	98.0	98.3	98.6	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	94.7	96.3	97.2	97.7	98.2	98.6	98.8	98.9	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	94.8	96.5	97.4	97.9	98.4	98.8	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	94.8	96.5	97.6	98.0	98.6	98.9	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	94.9	96.7	97.7	98.1	98.7	99.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.0	96.8	97.9	98.3	98.9	99.2	99.4	99.6	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	95.0	96.9	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.0	96.9	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.0	96.9	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.0	96.9	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.0	96.9	98.0	98.4	99.0	99.3	99.6	99.7	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.6	74.7	74.8	74.9	75.3	75.5	75.5	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 20000	77.9	78.3	78.4	78.5	78.8	79.0	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 18000	78.1	78.5	78.6	78.7	79.0	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 16000	78.1	78.5	78.6	78.7	79.0	79.3	79.3	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 14000	78.3	78.6	78.7	78.8	79.2	79.4	79.4	79.5	79.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 12000	80.8	81.2	81.3	81.4	81.9	82.2	82.2	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 10000	83.9	84.3	84.4	84.5	85.1	85.3	85.3	85.4	85.4	85.5	85.5	85.5	85.6	85.6	85.6	85.6
GE 9000	85.4	85.7	85.8	86.0	86.5	86.7	86.7	86.8	86.8	87.0	87.0	87.0	87.1	87.1	87.1	87.1
GE 8000	88.9	89.2	89.3	89.4	90.0	90.2	90.2	90.3	90.3	90.4	90.4	90.4	90.5	90.5	90.5	90.5
GE 7000	90.9	91.2	91.3	91.4	92.0	92.2	92.2	92.3	92.3	92.4	92.4	92.4	92.5	92.5	92.5	92.5
GE 6000	92.3	93.0	93.1	93.2	93.8	94.0	94.0	94.1	94.1	94.2	94.2	94.2	94.3	94.3	94.3	94.3
GE 5000	93.2	93.9	94.0	94.1	94.6	94.9	94.9	95.0	95.0	95.1	95.1	95.1	95.2	95.2	95.2	95.2
GE 4500	94.2	95.0	95.1	95.2	95.8	96.0	96.0	96.1	96.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3
GE 4000	94.5	95.4	95.7	95.8	96.3	96.5	96.5	96.7	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 3500	94.9	95.8	96.0	96.1	96.7	96.9	96.9	97.0	97.0	97.1	97.1	97.1	97.2	97.2	97.2	97.2
GE 3000	95.2	96.1	96.3	96.4	97.0	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.5	97.5	97.5	97.5
GE 2500	95.7	96.7	97.0	97.1	97.7	97.9	97.9	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
GE 2000	95.7	96.7	97.1	97.2	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1800	95.7	96.7	97.1	97.2	97.8	98.0	98.0	98.1	98.1	98.2	98.2	98.2	98.3	98.3	98.3	98.3
GE 1500	95.9	96.9	97.3	97.4	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1200	95.9	96.9	97.3	97.4	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 1000	95.9	96.9	97.3	97.4	98.0	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.6	98.6	98.6	98.6
GE 900	96.1	97.1	97.5	97.7	98.2	98.4	98.4	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 800	96.4	97.4	97.9	98.0	98.6	98.8	98.8	98.9	98.9	99.0	99.0	99.0	99.1	99.1	99.1	99.1
GE 700	96.5	97.5	98.0	98.1	98.7	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 600	96.8	97.8	98.2	98.3	98.9	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 500	96.8	97.8	98.2	98.3	98.9	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.6
GE 400	96.8	97.8	98.2	98.3	98.9	99.1	99.1	99.2	99.2	99.3	99.3	99.3	99.4	99.6	99.6	99.6
GE 300	96.9	97.9	98.4	98.6	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	99.9	99.9	99.9
GE 200	96.9	97.9	98.4	98.6	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0
GE 100	96.9	97.9	98.4	98.6	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0
GE 000	96.9	97.9	98.4	98.6	99.1	99.3	99.3	99.6	99.6	99.7	99.7	99.7	99.8	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.2	65.4	65.7	66.0	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.7	66.9	67.3	67.5	68.1
GE 20000	68.7	68.9	69.2	69.6	70.0	70.0	70.3	70.3	70.3	70.3	70.3	70.4	70.6	71.1	71.3	71.8
GE 18000	69.2	69.5	69.8	70.1	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.0	71.2	71.6	71.8	72.4
GE 16000	69.2	69.5	69.8	70.1	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.0	71.2	71.6	71.8	72.4
GE 14000	70.6	70.9	71.2	71.5	71.9	71.9	72.3	72.3	72.3	72.3	72.3	72.4	72.6	73.0	73.2	73.8
GE 12000	74.9	75.2	75.5	75.8	76.2	76.2	76.6	76.6	76.6	76.6	76.6	76.7	76.9	77.3	77.5	78.1
GE 10000	78.8	79.0	79.4	79.7	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.5	80.8	81.2	81.4	81.9
GE 9000	80.1	80.3	80.6	81.0	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.8	82.0	82.5	82.7	83.2
GE 8000	84.2	84.4	84.7	85.1	85.5	85.5	85.8	85.8	85.8	85.8	85.9	86.0	86.2	86.7	86.9	87.4
GE 7000	85.6	85.8	86.1	86.5	86.9	86.9	87.2	87.2	87.2	87.2	87.3	87.4	87.6	88.1	88.3	88.8
GE 6000	87.4	87.6	88.0	88.3	88.7	88.7	89.0	89.0	89.0	89.0	89.1	89.2	89.5	89.9	90.1	90.6
GE 5000	90.0	90.2	90.5	90.9	91.3	91.3	91.6	91.6	91.6	91.6	91.7	91.8	92.0	92.5	92.7	93.2
GE 4500	90.5	90.8	91.1	91.4	91.8	91.8	92.2	92.2	92.2	92.2	92.3	92.4	92.6	93.0	93.2	93.8
GE 4000	91.0	91.2	91.5	91.8	92.3	92.3	92.6	92.6	92.6	92.6	92.7	92.8	93.0	93.4	93.7	94.2
GE 3500	91.1	91.3	91.6	91.9	92.4	92.4	92.7	92.7	92.7	92.7	92.8	92.9	93.1	93.5	93.8	94.3
GE 3000	92.0	92.3	92.6	92.9	93.3	93.3	93.7	93.7	93.7	93.7	93.8	93.9	94.1	94.5	94.7	95.3
GE 2500	92.3	92.5	92.8	93.1	93.5	93.5	93.9	93.9	93.9	93.9	94.0	94.1	94.3	94.7	94.9	95.5
GE 2000	92.7	92.9	93.2	93.5	94.0	94.0	94.3	94.3	94.3	94.3	94.4	94.5	94.7	95.2	95.4	95.9
GE 1800	92.8	93.0	93.3	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.5	94.6	94.8	95.3	95.5	96.0
GE 1500	92.8	93.0	93.3	93.7	94.1	94.1	94.4	94.4	94.4	94.4	94.5	94.6	94.8	95.3	95.5	96.0
GE 1200	93.0	93.3	93.7	94.0	94.4	94.4	94.7	94.7	94.7	94.7	94.8	94.9	95.2	95.6	95.8	96.3
GE 1000	93.3	93.7	94.0	94.3	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.3	95.5	95.9	96.1	96.7
GE 900	93.3	93.7	94.0	94.3	94.7	94.7	95.1	95.1	95.1	95.1	95.2	95.3	95.5	95.9	96.1	96.7
GE 800	93.7	94.0	94.3	94.6	95.1	95.1	95.4	95.4	95.4	95.4	95.5	95.6	95.8	96.2	96.5	97.0
GE 700	94.2	94.5	94.8	95.2	95.6	95.6	95.9	95.9	95.9	95.9	96.0	96.1	96.3	96.8	97.0	97.5
GE 600	94.2	94.5	94.8	95.2	95.7	95.7	96.0	96.0	96.0	96.0	96.2	96.3	96.6	97.0	97.2	97.7
GE 500	94.5	94.8	95.2	95.6	96.1	96.1	96.5	96.5	96.5	96.5	96.7	96.8	97.0	97.4	97.6	98.2
GE 400	94.5	94.8	95.2	95.6	96.1	96.1	96.5	96.5	96.5	96.6	96.8	96.9	97.3	97.7	98.2	98.8
GE 300	94.5	94.8	95.2	95.6	96.1	96.1	96.5	96.5	96.5	96.6	96.8	96.9	97.3	98.0	98.4	99.1
GE 200	94.5	94.8	95.2	95.6	96.2	96.2	96.6	96.6	96.6	96.9	97.1	97.2	97.7	98.4	98.8	99.7
GE 100	94.5	94.8	95.2	95.6	96.2	96.2	96.6	96.6	96.7	96.7	97.0	97.2	97.3	97.8	98.5	98.9
GE 000	94.5	94.8	95.2	95.6	96.2	96.2	96.6	96.7	96.7	97.0	97.2	97.3	97.8	98.5	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.4	51.8	52.4	53.0	53.7	53.8	54.0	54.1	54.2	54.9	55.5	55.8	56.1	56.2	57.0	58.4
GE 20000	54.5	56.0	56.6	57.2	57.8	58.0	58.2	58.3	58.4	59.1	59.7	60.0	60.3	60.4	61.2	62.6
GE 18000	55.4	56.9	57.4	58.1	58.7	58.8	59.0	59.1	59.2	60.0	60.5	60.9	61.2	61.3	62.0	63.4
GE 16000	55.5	57.0	57.5	58.2	58.8	58.9	59.1	59.2	59.4	60.1	60.6	61.0	61.3	61.4	62.2	63.5
GE 14000	57.0	58.5	59.0	60.0	60.6	60.8	61.0	61.1	61.2	61.9	62.5	62.8	63.1	63.2	64.0	65.4
GE 12000	61.0	62.5	63.1	64.1	64.7	64.8	65.1	65.2	65.3	66.0	66.6	66.9	67.2	67.3	68.1	69.5
GE 10000	66.6	68.1	69.0	70.0	70.6	70.8	71.0	71.1	71.2	71.9	72.5	72.8	73.1	73.2	74.1	75.6
GE 9000	67.3	68.9	69.9	71.0	71.6	71.7	71.9	72.0	72.2	72.9	73.4	73.8	74.1	74.2	75.1	76.6
GE 8000	71.3	72.9	74.1	75.3	75.9	76.0	76.2	76.3	76.5	77.3	77.8	78.2	78.5	78.6	79.5	81.0
GE 7000	73.3	74.9	76.1	77.3	78.0	78.1	78.3	78.4	78.5	79.4	79.9	80.2	80.5	80.8	81.6	83.1
GE 6000	74.0	75.6	76.8	78.0	78.6	78.7	78.9	79.0	79.1	80.0	80.5	80.9	81.2	81.4	82.3	83.8
GE 5000	75.6	77.2	78.5	79.7	80.3	80.4	80.6	80.8	80.9	81.7	82.3	82.6	82.9	83.1	84.0	85.5
GE 4500	76.1	77.7	79.0	80.2	80.9	81.0	81.2	81.3	81.4	82.3	82.8	83.1	83.4	83.7	84.5	86.0
GE 4000	76.9	78.6	79.9	81.1	81.7	81.8	82.0	82.2	82.3	83.1	83.7	84.0	84.3	84.5	85.4	86.9
GE 3500	78.0	79.8	81.1	82.3	82.9	83.0	83.2	83.3	83.4	84.3	84.8	85.2	85.5	85.7	86.6	88.1
GE 3000	78.4	80.2	81.5	82.7	83.3	83.4	83.8	83.9	84.0	84.8	85.4	85.7	86.0	86.2	87.1	88.6
GE 2500	78.7	80.5	81.8	83.0	83.7	83.8	84.2	84.3	84.4	85.3	85.8	86.1	86.5	86.7	87.5	89.0
GE 2000	79.2	81.1	82.5	83.7	84.3	84.4	84.8	84.9	85.1	85.9	86.5	86.8	87.1	87.3	88.2	89.7
GE 1800	79.6	81.4	82.8	84.0	84.6	84.7	85.2	85.3	85.4	86.2	86.8	87.1	87.4	87.6	88.5	90.0
GE 1500	79.9	81.7	83.1	84.4	85.1	85.2	85.6	85.7	85.8	86.7	87.2	87.5	87.8	88.1	88.9	90.4
GE 1200	80.1	82.0	83.4	84.7	85.5	85.6	86.0	86.2	86.3	87.2	87.7	88.1	88.4	88.6	89.5	91.0
GE 1000	80.4	82.5	83.9	85.2	85.9	86.0	86.5	86.7	86.8	87.6	88.2	88.5	88.8	89.0	89.9	91.4
GE 900	80.5	82.6	84.0	85.3	86.0	86.2	86.7	86.9	87.0	87.8	88.4	88.7	89.0	89.2	90.1	91.6
GE 800	81.2	83.3	84.8	86.2	87.0	87.2	87.6	88.1	88.2	89.0	89.6	89.9	90.2	90.4	91.3	92.8
GE 700	81.4	83.5	85.1	86.5	87.2	87.4	87.8	88.3	88.4	89.2	89.8	90.1	90.5	90.8	91.6	93.1
GE 600	82.2	84.3	86.0	87.4	88.5	88.7	89.1	89.6	89.7	90.5	91.1	91.4	91.8	92.0	93.0	94.6
GE 500	82.4	84.5	86.3	87.7	88.8	89.0	89.5	89.9	90.0	90.9	91.4	91.7	92.3	92.5	93.4	95.1
GE 400	82.7	84.8	86.8	88.4	89.6	89.9	90.3	90.8	90.9	91.7	92.3	92.6	93.1	93.3	94.3	96.3
GE 300	82.9	85.1	87.0	88.6	90.0	90.3	90.8	91.3	91.4	92.3	92.8	93.1	93.8	94.0	95.1	97.4
GE 200	82.9	85.1	87.0	88.6	90.0	90.3	90.8	91.4	91.5	92.4	92.9	93.2	94.0	94.2	95.8	99.4
GE 100	82.9	85.1	87.0	88.6	90.0	90.3	90.8	91.5	91.7	92.8	93.3	93.7	94.5	94.7	96.5	100.0
GE 000	82.9	85.1	87.0	88.6	90.0	90.3	90.8	91.5	91.7	92.8	93.3	93.7	94.5	94.7	96.5	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.3	55.8	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 20000	63.8	64.6	64.8	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 18000	64.3	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	64.4	65.3	65.5	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 14000	66.3	67.2	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 12000	70.2	71.1	71.3	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 10000	75.1	76.0	76.2	76.3	76.3	76.3	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 9000	77.6	78.6	78.8	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 8000	80.3	81.3	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	81.9
GE 7000	81.6	82.7	83.1	83.3	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 6000	82.4	83.5	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 5000	83.9	85.1	85.6	85.8	85.9	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	84.1	85.3	85.8	86.0	86.1	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	85.9	87.1	87.6	87.8	88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3500	87.5	88.9	89.6	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 3000	89.7	91.1	91.7	91.9	92.2	92.2	92.3	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	90.6	92.0	92.7	92.9	93.1	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	92.5	93.9	94.5	94.7	95.2	95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1800	92.6	94.0	94.6	94.8	95.3	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1500	93.2	94.6	95.3	95.5	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	93.9	95.4	96.3	96.6	97.1	97.1	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1000	94.4	96.2	97.2	97.4	98.0	98.0	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	94.6	96.5	97.4	97.6	98.2	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 800	94.7	96.7	97.6	98.1	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	94.8	96.8	97.7	98.2	98.8	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	94.9	96.9	97.8	98.3	98.9	98.9	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	95.1	97.0	98.0	98.5	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	95.1	97.0	98.0	98.6	99.4	99.4	99.5	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	95.1	97.1	98.1	98.7	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	97.1	98.1	98.7	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	97.1	98.1	98.7	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	97.1	98.1	98.7	99.5	99.5	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.0	63.1	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	70.6	70.8	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 18000	71.4	71.5	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 16000	71.6	71.7	72.2	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 14000	73.2	73.3	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 12000	76.5	76.6	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 10000	81.7	81.8	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 9000	83.1	83.2	83.7	83.9	83.9	83.9	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0
GE 8000	85.6	85.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	88.9	89.0	89.7	89.9	89.9	89.9	89.9	89.9	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 6000	90.2	90.3	91.0	91.3	91.3	91.3	91.3	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 5000	93.5	93.7	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 4500	93.9	94.0	94.7	95.2	95.2	95.2	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 4000	94.6	94.7	95.6	96.0	96.0	96.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3500	95.1	95.2	96.0	96.5	96.6	96.6	96.6	96.6	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	95.5	95.6	96.6	97.0	97.1	97.1	97.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	95.5	95.6	96.6	97.1	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2000	95.7	95.8	96.8	97.3	97.5	97.5	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	95.7	95.9	96.9	97.4	97.6	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	96.0	96.2	97.3	98.0	98.2	98.2	98.2	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	96.3	96.6	97.6	98.3	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1000	96.6	96.8	98.0	98.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	96.6	96.8	98.0	98.7	98.9	98.9	98.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 800	96.6	97.0	98.2	99.0	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	96.6	97.0	98.2	99.0	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	96.6	97.0	98.2	99.0	99.2	99.2	99.2	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	96.6	97.3	98.5	99.5	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 400	96.6	97.3	98.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.6	97.3	98.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.6	97.3	98.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.6	97.3	98.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.6	97.3	98.5	99.5	99.7	99.7	99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.2	59.8	60.1	60.4	60.6	60.6	60.8	60.8	60.9	61.0	61.1	61.2	61.4	61.5	61.7	62.1
GE 20000	64.9	65.6	66.0	66.3	66.5	66.5	66.7	66.8	66.8	67.0	67.1	67.2	67.4	67.5	67.8	68.1
GE 18000	65.6	66.3	66.7	67.0	67.2	67.2	67.4	67.5	67.5	67.7	67.8	67.9	68.1	68.2	68.5	68.8
GE 16000	65.8	66.5	66.8	67.1	67.3	67.4	67.5	67.6	67.6	67.8	67.9	68.0	68.2	68.4	68.6	69.0
GE 14000	67.3	68.0	68.4	68.7	68.9	69.0	69.2	69.2	69.2	69.4	69.5	69.6	69.8	70.0	70.2	70.6
GE 12000	70.9	71.6	72.0	72.3	72.5	72.6	72.7	72.8	72.8	73.0	73.1	73.2	73.4	73.6	73.8	74.2
GE 10000	76.3	77.1	77.5	77.8	78.1	78.1	78.3	78.3	78.4	78.5	78.7	78.8	79.0	79.1	79.3	79.7
GE 9000	77.7	78.5	78.9	79.2	79.5	79.6	79.7	79.8	79.8	80.0	80.1	80.2	80.4	80.6	80.8	81.2
GE 8000	81.0	81.8	82.3	82.6	82.9	83.0	83.1	83.2	83.2	83.4	83.5	83.6	83.8	84.0	84.2	84.6
GE 7000	83.0	83.9	84.4	84.8	85.1	85.1	85.3	85.3	85.4	85.6	85.7	85.8	86.0	86.2	86.4	86.8
GE 6000	84.3	85.1	85.7	86.1	86.4	86.4	86.6	86.6	86.7	86.9	87.0	87.1	87.3	87.5	87.7	88.1
GE 5000	86.3	87.1	87.7	88.1	88.4	88.5	88.6	88.7	88.7	88.9	89.1	89.1	89.4	89.5	89.7	90.1
GE 4500	86.7	87.6	88.2	88.6	88.9	89.0	89.1	89.2	89.2	89.4	89.5	89.6	89.8	90.0	90.2	90.6
GE 4000	87.5	88.4	89.1	89.5	89.8	89.8	90.0	90.0	90.1	90.3	90.4	90.5	90.7	90.9	91.1	91.5
GE 3500	88.2	89.1	89.9	90.3	90.6	90.7	90.8	90.9	91.0	91.1	91.3	91.4	91.6	91.7	92.0	92.4
GE 3000	89.2	90.2	90.9	91.4	91.7	91.8	92.0	92.0	92.1	92.3	92.4	92.5	92.7	92.9	93.1	93.5
GE 2500	89.5	90.5	91.3	91.7	92.1	92.2	92.4	92.5	92.5	92.7	92.8	92.9	93.1	93.3	93.5	93.9
GE 2000	90.2	91.2	91.9	92.4	92.8	92.9	93.1	93.2	93.3	93.5	93.6	93.7	93.9	94.1	94.3	94.7
GE 1800	90.3	91.3	92.1	92.6	93.0	93.0	93.2	93.3	93.4	93.6	93.7	93.8	94.0	94.2	94.4	94.8
GE 1500	90.6	91.7	92.5	93.0	93.4	93.5	93.7	93.8	93.8	94.0	94.2	94.3	94.5	94.7	94.9	95.3
GE 1200	91.0	92.1	92.9	93.5	93.9	94.0	94.2	94.3	94.3	94.6	94.7	94.8	95.0	95.2	95.4	95.8
GE 1000	91.4	92.5	93.4	93.9	94.4	94.5	94.7	94.8	94.8	95.1	95.2	95.3	95.5	95.7	95.9	96.3
GE 900	91.5	92.6	93.5	94.0	94.5	94.6	94.8	94.9	95.0	95.2	95.3	95.4	95.6	95.8	96.0	96.4
GE 800	91.7	92.9	93.8	94.4	94.9	95.0	95.2	95.4	95.4	95.6	95.8	95.9	96.1	96.3	96.5	96.9
GE 700	91.9	93.1	94.1	94.7	95.2	95.3	95.5	95.6	95.7	95.9	96.1	96.1	96.4	96.5	96.8	97.2
GE 600	92.2	93.4	94.4	95.0	95.6	95.6	95.9	96.0	96.1	96.3	96.5	96.5	96.8	96.9	97.2	97.6
GE 500	92.4	93.7	94.7	95.4	96.0	96.1	96.3	96.5	96.6	96.8	97.0	97.1	97.3	97.5	97.7	98.1
GE 400	92.5	93.8	94.8	95.6	96.3	96.4	96.6	96.8	96.9	97.1	97.3	97.4	97.7	97.9	98.2	98.7
GE 300	92.5	93.9	94.9	95.6	96.4	96.5	96.8	97.0	97.1	97.4	97.6	97.6	97.9	98.2	98.5	99.1
GE 200	92.5	93.9	94.9	95.6	96.5	96.6	96.9	97.1	97.2	97.5	97.7	97.8	98.2	98.4	98.8	99.8
GE 100	92.5	93.9	94.9	95.6	96.5	96.6	96.9	97.2	97.3	97.6	97.8	97.9	98.3	98.5	99.0	100.0
GE 000	92.5	93.9	94.9	95.6	96.5	96.6	96.9	97.2	97.3	97.6	97.8	97.9	98.3	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.8	25.2	25.8	26.8	27.2	27.4	27.8	27.9	28.0	28.3	29.3	29.6	30.0	30.4	31.3	32.3
GE 20000	27.7	28.3	28.9	29.9	30.4	30.8	31.1	31.2	31.3	31.7	32.7	32.9	33.6	34.0	34.9	35.9
GE 18000	28.2	28.9	29.4	30.4	31.0	31.3	31.7	31.8	31.9	32.2	33.2	33.4	34.1	34.6	35.4	36.4
GE 16000	28.6	29.2	29.8	30.8	31.3	31.7	32.0	32.1	32.2	32.6	33.6	33.8	34.4	34.9	35.8	36.8
GE 14000	28.7	29.3	29.9	30.9	31.4	31.8	32.1	32.2	32.3	32.7	33.7	33.9	34.6	35.0	35.9	36.9
GE 12000	30.7	31.3	31.9	32.9	33.4	33.8	34.1	34.2	34.3	34.7	35.7	35.9	36.6	37.0	37.9	38.9
GE 10000	34.8	35.4	36.0	37.0	37.6	37.9	38.2	38.3	38.4	38.8	39.8	40.0	40.7	41.1	42.0	43.0
GE 9000	35.8	36.4	37.0	38.0	38.6	38.9	39.2	39.3	39.4	39.8	40.8	41.0	41.7	42.1	43.0	44.0
GE 8000	40.0	41.0	41.8	42.8	43.3	43.7	44.0	44.1	44.2	44.6	45.6	45.8	46.4	47.0	47.9	48.9
GE 7000	43.8	44.8	45.7	46.7	47.2	47.6	47.9	48.0	48.1	48.6	49.6	49.8	50.4	51.0	51.9	52.9
GE 6000	45.4	46.4	47.4	48.4	49.0	49.3	49.7	49.8	49.9	50.3	51.4	51.7	52.3	52.9	53.8	54.8
GE 5000	47.9	48.9	49.9	50.9	51.4	51.8	52.1	52.2	52.3	52.9	54.3	54.6	55.2	55.8	56.7	57.7
GE 4500	49.9	50.9	51.9	52.9	53.4	53.8	54.1	54.2	54.3	54.9	56.3	56.6	57.2	57.8	58.7	59.7
GE 4000	51.7	52.8	53.8	54.9	55.6	55.9	56.3	56.4	56.6	57.2	58.7	58.9	59.6	60.1	61.0	62.0
GE 3500	53.0	54.1	55.3	56.4	57.1	57.4	58.0	58.1	58.2	58.9	60.3	60.6	61.2	61.8	62.7	63.7
GE 3000	54.0	55.1	56.4	57.6	58.3	58.7	59.2	59.3	59.4	60.2	61.7	61.9	62.6	63.1	64.0	65.0
GE 2500	54.8	56.0	57.3	58.6	59.3	59.7	60.2	60.3	60.4	61.2	62.7	62.9	63.6	64.2	65.1	66.1
GE 2000	55.4	56.7	58.2	59.6	60.3	60.7	61.2	61.3	61.4	62.2	63.7	63.9	64.6	65.2	66.1	67.1
GE 1800	55.8	57.0	58.6	59.9	60.7	61.0	61.6	61.7	61.8	62.6	64.0	64.2	64.9	65.6	66.4	67.4
GE 1500	56.8	58.1	59.8	61.1	62.0	62.3	62.9	63.1	63.2	64.2	65.7	65.9	66.6	67.2	68.1	69.1
GE 1200	57.6	59.1	60.9	62.4	63.4	63.9	64.4	64.7	64.8	65.9	67.4	67.7	68.3	69.0	70.0	71.0
GE 1000	58.1	59.9	61.7	63.2	64.2	64.8	65.4	65.7	65.8	66.9	68.4	68.7	69.3	70.0	71.0	72.0
GE 900	59.2	61.0	63.0	64.7	65.7	66.3	67.1	67.3	67.4	68.7	70.2	70.4	71.1	71.8	72.8	73.8
GE 800	60.6	62.6	64.6	66.2	67.3	68.0	68.9	69.1	69.2	70.6	72.1	72.3	73.0	73.7	74.7	75.7
GE 700	61.0	63.1	65.1	67.1	69.0	69.7	70.6	70.8	70.9	72.2	73.8	74.0	74.7	75.3	76.3	77.4
GE 600	62.4	64.6	66.7	68.8	70.9	71.6	72.6	73.0	73.2	74.7	76.3	76.6	77.2	77.9	78.9	80.3
GE 500	63.8	66.0	68.1	70.3	72.6	73.2	74.4	74.9	75.1	76.7	78.6	78.9	79.8	80.4	81.4	83.2
GE 400	65.1	67.3	69.6	72.2	74.7	75.3	77.0	77.4	77.8	79.4	81.3	81.7	82.9	83.6	84.7	86.6
GE 300	66.0	68.2	70.4	73.3	76.2	77.1	79.2	80.2	80.6	82.9	84.9	85.2	86.9	87.9	89.2	91.8
GE 200	66.0	68.3	70.6	73.6	76.6	77.4	79.7	81.2	81.7	84.6	86.7	87.1	88.9	90.2	92.2	96.7
GE 100	66.0	68.3	70.6	73.6	76.6	77.4	79.7	81.2	81.7	84.8	87.0	87.4	89.6	90.9	94.0	99.9
GE 000	66.0	68.3	70.6	73.6	76.6	77.4	79.7	81.2	81.7	84.8	87.0	87.4	89.6	90.9	94.0	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	21.0	22.2	22.8	23.3	23.8	24.0	24.1	24.3	24.3	24.9	25.2	25.3	25.4	25.4	25.6	26.2
GE 20000	25.6	27.0	27.7	28.2	29.0	29.4	29.6	29.9	29.9	30.4	30.8	30.9	31.1	31.1	31.3	32.3
GE 18000	25.7	27.1	27.8	28.3	29.1	29.6	29.7	30.0	30.0	30.6	30.9	31.0	31.2	31.2	31.4	32.4
GE 16000	26.2	27.7	28.3	28.9	29.7	30.1	30.2	30.6	30.6	31.2	31.6	31.7	31.9	31.9	32.1	33.1
GE 14000	26.9	28.3	29.0	29.6	30.3	30.8	30.9	31.2	31.2	31.9	32.2	32.3	32.6	32.6	32.8	33.8
GE 12000	28.8	30.7	31.3	31.9	32.9	33.3	33.4	33.8	33.8	34.6	34.9	35.0	35.2	35.2	35.4	36.4
GE 10000	31.6	33.6	34.2	34.8	35.9	36.3	36.4	36.8	36.9	37.7	38.0	38.1	38.3	38.3	38.6	39.7
GE 9000	32.8	34.8	35.4	36.0	37.1	37.6	37.7	38.0	38.1	38.9	39.2	39.3	39.6	39.6	39.8	40.9
GE 8000	36.2	38.2	39.0	39.6	40.9	41.3	41.6	41.9	42.0	42.8	43.1	43.2	43.4	43.4	43.7	44.8
GE 7000	40.1	42.2	43.0	43.6	44.9	45.3	45.7	46.0	46.1	46.9	47.2	47.3	47.6	47.6	47.8	48.9
GE 6000	41.2	43.4	44.2	44.8	46.3	46.8	47.1	47.4	47.6	48.3	48.7	48.8	49.0	49.0	49.2	50.3
GE 5000	44.1	46.4	47.2	47.9	49.8	50.2	50.8	51.2	51.3	52.1	52.4	52.6	52.8	52.8	53.0	54.1
GE 4500	45.6	48.0	48.9	49.6	51.4	52.0	52.6	53.0	53.1	53.9	54.2	54.3	54.6	54.6	54.8	55.9
GE 4000	47.7	50.1	51.0	51.7	53.6	54.1	54.7	55.1	55.2	56.0	56.3	56.4	56.7	56.7	56.9	58.0
GE 3500	48.0	50.4	51.4	52.6	54.4	55.0	55.6	56.0	56.1	56.9	57.2	57.3	57.6	57.6	57.8	58.9
GE 3000	48.8	51.2	52.3	53.6	55.7	56.2	56.9	57.3	57.4	58.3	58.7	58.8	59.0	59.0	59.2	60.3
GE 2500	49.4	52.3	53.6	54.8	57.3	57.9	58.6	59.1	59.2	60.2	60.6	60.7	60.9	60.9	61.1	62.2
GE 2000	50.8	54.0	55.3	56.7	59.2	59.8	60.6	61.2	61.3	62.3	62.7	62.8	63.0	63.0	63.2	64.3
GE 1800	51.1	54.3	55.7	57.0	59.7	60.2	61.0	61.7	61.8	62.8	63.1	63.2	63.4	63.4	63.7	64.8
GE 1500	52.0	55.4	56.8	58.3	61.0	61.6	62.3	63.0	63.1	64.1	64.6	64.7	64.9	64.9	65.1	66.2
GE 1200	54.1	57.7	59.0	60.8	63.4	64.0	65.0	65.7	65.8	66.8	67.3	67.4	67.7	67.7	67.9	69.0
GE 1000	55.3	59.4	60.8	62.6	65.3	66.1	67.1	67.8	67.9	69.0	69.6	69.8	70.0	70.0	70.3	71.4
GE 900	56.6	61.3	62.7	64.7	67.4	68.2	69.3	70.0	70.1	71.2	71.8	72.0	72.2	72.2	72.6	73.7
GE 800	58.2	63.2	64.9	67.0	70.0	70.8	72.1	72.8	72.9	74.1	74.7	74.9	75.2	75.2	75.6	76.7
GE 700	59.8	64.9	66.7	69.0	72.0	72.8	74.2	74.9	75.0	76.3	76.9	77.1	77.4	77.4	77.8	78.9
GE 600	61.3	66.8	68.7	71.3	74.4	75.2	76.8	77.4	77.6	79.0	79.6	79.8	80.1	80.1	80.4	81.6
GE 500	62.0	67.8	69.9	73.0	76.9	77.8	79.7	80.4	80.6	82.3	83.0	83.3	83.8	84.0	84.3	85.4
GE 400	62.8	68.6	71.0	74.6	78.9	80.0	82.4	83.8	83.9	86.2	86.9	87.2	87.9	88.1	88.4	89.7
GE 300	63.2	69.2	72.1	75.7	80.3	81.9	85.0	86.8	86.9	90.3	91.3	91.7	92.8	93.0	94.0	96.1
GE 200	63.2	69.2	72.1	75.7	80.6	82.1	85.2	87.1	87.3	91.1	92.2	92.6	94.0	94.6	96.0	99.0
GE 100	63.2	69.2	72.1	75.7	80.6	82.1	85.2	87.1	87.3	91.1	92.2	92.6	94.1	94.8	96.7	100.0
GE 000	63.2	69.2	72.1	75.7	80.6	82.1	85.2	87.1	87.3	91.1	92.2	92.6	94.1	94.8	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.6	30.8	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.3	31.4	31.4	31.4	31.4	31.6
GE 20000	37.1	37.6	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.3	38.4	38.4	38.4	38.4	38.6
GE 18000	37.9	38.3	38.7	38.8	38.9	38.9	39.0	39.0	39.0	39.1	39.2	39.3	39.3	39.3	39.3	39.4
GE 16000	38.0	38.4	38.8	38.9	39.0	39.0	39.1	39.1	39.1	39.2	39.3	39.4	39.4	39.4	39.4	39.6
GE 14000	39.0	39.4	39.8	40.0	40.1	40.1	40.2	40.2	40.2	40.3	40.4	40.6	40.6	40.6	40.6	40.7
GE 12000	41.8	42.3	42.7	42.9	43.0	43.0	43.1	43.1	43.1	43.2	43.3	43.4	43.4	43.4	43.4	43.6
GE 10000	45.4	46.0	46.3	46.6	46.7	46.7	46.8	46.8	46.9	47.0	47.1	47.2	47.2	47.2	47.2	47.3
GE 9000	46.2	46.8	47.1	47.3	47.4	47.4	47.6	47.6	47.7	47.8	47.9	48.0	48.0	48.0	48.0	48.1
GE 8000	50.0	51.1	51.7	52.3	52.7	52.8	52.9	53.0	53.2	53.3	53.4	53.6	53.6	53.6	53.6	53.7
GE 7000	53.2	54.4	55.0	55.7	56.0	56.1	56.2	56.3	56.6	56.7	56.8	56.9	56.9	56.9	56.9	57.0
GE 6000	54.4	56.0	56.6	57.2	57.6	57.7	57.8	57.9	58.1	58.2	58.3	58.4	58.4	58.4	58.4	58.6
GE 5000	56.2	58.0	58.6	59.2	59.6	59.7	59.8	59.9	60.1	60.2	60.3	60.4	60.4	60.4	60.4	60.6
GE 4500	57.8	59.6	60.1	60.8	61.1	61.3	61.4	61.6	61.8	61.9	62.0	62.1	62.1	62.1	62.1	62.2
GE 4000	60.0	61.8	62.4	63.1	63.4	63.8	64.0	64.1	64.3	64.4	64.6	64.7	64.7	64.7	64.7	64.8
GE 3500	61.3	63.1	63.9	64.6	64.9	65.3	65.6	65.7	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.3
GE 3000	64.3	66.2	67.4	68.1	68.9	69.3	69.6	69.7	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.3
GE 2500	66.6	68.4	69.7	70.3	71.1	71.6	71.8	71.9	72.1	72.2	72.3	72.4	72.6	72.6	72.6	72.7
GE 2000	68.8	70.7	71.9	72.6	73.3	73.9	74.1	74.2	74.4	74.7	74.8	74.9	75.0	75.0	75.0	75.1
GE 1800	70.2	72.1	73.3	74.0	74.9	75.4	75.7	75.9	76.1	76.3	76.4	76.6	76.7	76.7	76.7	76.8
GE 1500	72.0	73.9	75.3	76.0	77.2	77.9	78.2	78.8	79.0	79.2	79.3	79.4	79.6	79.6	79.6	79.7
GE 1200	73.3	75.4	77.3	78.0	79.4	80.2	80.6	81.1	81.3	81.6	81.7	81.8	81.9	81.9	81.9	82.0
GE 1000	75.4	77.9	79.9	80.7	82.7	83.6	84.1	84.8	85.0	85.2	85.3	85.4	85.6	85.6	85.6	85.7
GE 900	76.3	78.8	81.0	81.8	83.8	84.7	85.2	85.9	86.1	86.3	86.4	86.6	86.7	86.7	86.7	86.8
GE 800	77.4	79.9	82.2	83.1	85.3	86.2	86.8	87.4	87.7	88.1	88.2	88.3	88.4	88.4	88.4	88.6
GE 700	78.0	80.4	83.0	83.9	86.1	87.0	87.9	88.6	88.8	89.2	89.3	89.4	89.7	89.7	89.7	89.8
GE 600	78.9	81.3	83.9	85.1	87.7	88.6	89.6	90.3	90.7	91.2	91.6	91.7	92.0	92.0	92.0	92.1
GE 500	79.2	81.7	84.3	85.7	88.8	89.7	90.7	91.7	92.0	92.6	92.9	93.1	93.4	93.4	93.4	93.6
GE 400	79.7	82.2	85.1	86.6	90.2	91.2	92.4	94.0	94.3	94.9	95.2	95.4	96.2	96.2	96.3	96.4
GE 300	79.8	82.3	85.3	86.8	90.4	91.4	92.9	94.6	95.2	95.8	96.4	96.8	97.8	97.8	98.0	98.2
GE 200	79.8	82.3	85.4	86.9	90.7	91.7	93.2	94.9	95.6	96.1	97.1	97.6	99.0	99.0	99.6	99.9
GE 100	79.8	82.3	85.4	86.9	90.7	91.7	93.2	94.9	95.6	96.1	97.1	97.6	99.0	99.0	99.7	100.0
GE 000	79.8	82.3	85.4	86.9	90.7	91.7	93.2	94.9	95.6	96.1	97.1	97.6	99.0	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.8	37.1	37.9	38.0	38.6	38.6	38.8	39.3	39.4	39.8	40.2	40.2	40.9	41.1	41.6	42.1
GE 20000	39.4	39.9	40.8	40.9	41.4	41.4	41.7	42.2	42.3	42.7	43.1	43.1	43.8	44.0	44.4	45.0
GE 18000	40.1	40.6	41.4	41.6	42.1	42.1	42.3	42.9	43.0	43.3	43.8	43.8	44.4	44.7	45.1	45.7
GE 6000	40.3	40.8	41.7	41.8	42.3	42.3	42.6	43.1	43.2	43.6	44.0	44.0	44.7	44.9	45.3	45.9
GE 14000	40.9	41.3	42.3	42.4	43.0	43.0	43.3	43.9	44.0	44.3	44.8	44.8	45.4	45.7	46.1	46.7
GE 12000	42.9	43.3	44.6	44.7	45.2	45.2	45.6	46.1	46.2	46.6	47.0	47.0	47.7	47.9	48.3	48.9
GE 10000	45.4	45.9	47.1	47.2	48.1	48.1	48.4	49.0	49.1	49.4	49.9	49.9	50.6	50.8	51.2	51.8
GE 9000	45.8	46.3	47.6	47.7	48.6	48.6	48.9	49.4	49.6	49.9	50.3	50.3	51.0	51.2	51.7	52.2
GE 8000	50.3	51.0	52.3	52.4	53.3	53.3	53.7	54.2	54.3	54.7	55.1	55.1	55.8	56.0	56.4	57.0
GE 7000	54.7	55.3	56.9	57.1	58.0	58.0	58.3	58.9	59.0	59.3	59.8	59.8	60.4	60.7	61.1	61.7
GE 6000	55.6	56.3	57.9	58.1	59.0	59.0	59.3	59.9	60.0	60.3	60.8	60.8	61.4	61.7	62.1	62.7
GE 5000	58.7	59.4	61.0	61.2	62.1	62.1	62.4	63.0	63.1	63.4	63.9	63.9	64.6	64.8	65.2	65.8
GE 4500	60.3	61.1	62.7	62.9	63.9	63.9	64.2	64.8	64.9	65.2	65.7	65.7	66.3	66.6	67.0	67.6
GE 4000	62.6	63.3	65.0	65.3	66.3	66.3	66.7	67.2	67.3	67.7	68.1	68.1	68.8	69.0	69.4	70.0
GE 3500	64.0	64.8	66.7	67.1	68.2	68.2	68.6	69.1	69.2	69.6	70.0	70.0	70.7	70.9	71.3	71.9
GE 3000	65.7	66.4	68.3	68.8	69.9	69.9	70.2	70.8	70.9	71.3	71.8	71.9	72.6	72.8	73.3	73.9
GE 2500	66.3	67.3	69.3	70.0	71.1	71.1	71.4	72.0	72.1	72.6	73.0	73.1	73.8	74.0	74.6	75.1
GE 2000	67.2	68.6	70.7	71.3	72.4	72.4	72.8	73.3	73.4	73.9	74.3	74.4	75.1	75.3	75.9	76.4
GE 1800	67.8	69.1	71.4	72.1	73.2	73.2	73.6	74.1	74.2	74.7	75.1	75.2	75.9	76.1	76.7	77.2
GE 1500	68.8	70.1	72.4	73.2	74.3	74.3	74.7	75.2	75.3	75.8	76.2	76.3	77.0	77.2	77.8	78.3
GE 1200	69.6	71.1	73.8	74.7	75.8	75.8	76.1	76.7	76.8	77.2	77.7	77.8	78.4	78.7	79.2	79.8
GE 1000	70.8	72.4	75.1	76.0	77.3	77.3	77.8	78.4	78.6	79.0	79.4	79.6	80.2	80.4	81.0	81.6
GE 900	71.7	73.3	76.0	76.9	78.3	78.3	78.8	79.4	79.6	80.0	80.6	80.7	81.4	81.7	82.2	82.8
GE 800	73.0	74.7	77.4	78.3	79.9	79.9	80.4	81.2	81.3	81.8	82.4	82.6	83.3	83.6	84.1	84.7
GE 700	73.6	75.3	78.2	79.1	80.7	80.7	81.2	82.1	82.2	82.7	83.3	83.4	84.2	84.4	85.0	85.6
GE 600	74.8	76.6	79.6	80.4	82.0	82.0	82.7	83.7	83.8	84.2	84.9	85.0	85.8	86.0	86.6	87.1
GE 500	75.9	77.7	80.8	81.7	83.2	83.2	83.9	84.9	85.0	85.4	86.1	86.4	87.2	87.4	88.0	88.7
GE 400	76.6	78.4	81.6	82.7	84.3	84.6	85.3	86.4	86.7	87.3	88.0	88.4	89.2	89.4	90.1	90.9
GE 300	77.2	79.6	83.0	84.2	86.2	86.4	87.4	88.6	88.8	90.0	91.2	91.7	92.8	93.0	93.8	95.0
GE 200	77.3	79.7	83.1	84.4	86.7	86.9	87.9	89.1	89.3	90.7	92.2	92.9	94.7	95.0	96.0	97.9
GE 100	77.3	79.7	83.1	84.4	86.7	86.9	87.9	89.1	89.3	90.8	92.4	93.3	95.2	95.8	97.0	99.8
GE 000	77.3	79.7	83.1	84.4	86.7	86.9	87.9	89.1	89.3	90.8	92.4	93.3	95.2	95.8	97.0	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: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/	GE 1/4	GE 0
NO CEIL	21.3	22.3	22.5	23.4	24.1	24.1	24.5	25.1	25.7	26.2	26.8	26.8	27.4	27.6	29.7	31.6
GE 20000	23.5	24.5	24.7	25.7	26.3	26.3	26.8	27.3	28.0	28.5	29.0	29.0	29.7	29.9	31.9	33.9
GE 18000	23.5	24.5	24.7	25.7	26.3	26.3	26.8	27.3	28.0	28.5	29.0	29.0	29.7	29.9	31.9	33.9
GE 16000	23.5	24.5	24.7	25.7	26.3	26.3	26.8	27.3	28.0	28.5	29.0	29.0	29.7	29.9	31.9	33.9
GE 14000	24.1	25.1	25.3	26.2	26.9	26.9	27.3	27.8	28.5	29.0	29.6	29.6	30.2	30.4	32.5	34.4
GE 12000	25.2	26.1	26.3	27.3	28.0	28.0	28.4	28.9	29.6	30.1	30.6	30.6	31.3	31.5	33.5	35.5
GE 10000	27.3	28.4	28.6	29.6	30.2	30.2	30.6	31.3	31.9	32.6	33.1	33.1	34.1	34.3	36.5	38.5
GE 9000	28.2	29.2	29.5	30.4	31.1	31.1	31.5	32.2	32.8	33.4	34.0	34.0	34.9	35.2	37.3	39.4
GE 8000	31.6	32.7	33.0	34.0	34.6	34.6	35.1	35.8	36.5	37.1	37.6	37.6	38.6	38.8	41.0	43.0
GE 7000	33.9	35.1	35.4	36.3	37.0	37.0	37.4	38.2	8.8	39.5	40.0	40.0	41.0	41.2	43.3	45.4
GE 6000	34.5	35.7	36.0	37.0	37.7	37.7	38.2	38.9	39.6	40.2	40.8	40.8	41.7	41.9	44.1	46.1
GE 5000	36.8	38.0	38.3	39.2	40.0	40.0	40.4	41.2	41.8	42.5	43.0	43.0	44.0	44.2	46.3	48.4
GE 4500	37.5	38.8	39.1	40.1	40.9	40.9	41.3	42.0	42.7	43.3	43.9	43.9	44.9	45.2	47.3	49.4
GE 4000	39.4	40.6	41.0	41.9	42.7	42.7	43.2	44.0	44.6	45.3	45.8	45.8	46.9	47.1	49.2	51.3
GE 3500	40.1	41.5	41.8	42.9	43.7	43.7	44.2	44.9	45.6	46.2	46.8	46.8	47.8	48.1	50.2	52.3
GE 3000	40.8	42.3	42.7	44.0	45.1	45.1	45.6	46.3	47.0	47.6	48.2	48.2	49.2	49.5	51.6	53.7
GE 2500	42.5	44.1	44.6	46.1	47.3	47.3	48.1	48.8	49.5	50.1	50.6	50.6	51.7	51.9	54.1	56.1
GE 2000	43.7	45.4	45.9	47.4	48.6	48.6	49.5	50.2	50.9	51.5	52.0	52.0	53.1	53.3	55.5	57.5
GE 1800	43.9	45.6	46.2	47.7	48.9	48.9	49.8	50.5	51.2	51.8	52.4	52.4	53.4	53.7	55.8	57.8
GE 1500	44.5	46.3	47.1	48.7	49.9	50.0	51.0	51.8	52.5	53.1	53.7	53.7	54.7	54.9	57.1	59.1
GE 1200	45.7	47.7	48.5	50.5	51.9	52.0	53.3	54.3	55.1	55.9	56.5	56.5	57.5	57.7	59.9	61.9
GE 1000	46.1	48.2	49.0	51.2	52.7	52.8	54.3	55.4	56.2	57.1	57.6	57.6	58.7	58.9	61.1	63.1
GE 900	48.0	50.1	51.1	53.2	54.8	54.9	56.6	57.6	58.5	59.4	59.9	59.9	61.0	61.2	63.3	65.4
GE 800	48.4	50.9	52.0	54.2	55.9	56.1	57.7	58.8	59.7	60.8	61.3	61.3	62.4	62.6	64.7	66.8
GE 700	48.7	51.3	52.6	55.1	57.0	57.2	58.8	59.9	60.8	61.8	62.4	62.4	63.4	63.7	65.8	67.8
GE 600	49.1	51.7	53.0	55.8	57.8	58.1	59.8	61.2	62.0	63.4	64.0	64.0	65.1	65.3	67.4	69.5
GE 500	50.1	52.7	54.0	57.0	59.6	59.9	61.6	63.1	64.0	66.0	66.7	66.7	67.8	68.2	70.5	72.6
GE 400	51.2	54.1	55.5	58.8	61.7	62.0	63.8	65.5	66.3	68.8	70.4	70.4	71.8	72.6	75.7	77.8
GE 300	51.9	54.8	56.5	60.1	63.3	63.7	66.2	69.0	70.4	74.5	77.5	77.7	80.3	82.2	85.8	88.6
GE 200	51.9	54.8	56.6	60.3	64.0	64.4	67.2	70.5	72.2	77.0	80.9	81.4	84.7	86.9	92.0	95.5
GE 100	51.9	54.8	56.6	60.3	64.0	64.4	67.2	70.6	72.3	77.3	81.3	81.8	85.7	88.4	94.2	99.2
GE 000	51.9	54.8	56.6	60.3	64.0	64.4	67.2	70.6	72.3	77.3	81.3	81.8	85.7	88.4	94.2	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	17.7	18.1	18.5	18.7	18.8	18.9	19.0	19.6	19.8	20.2	20.6	21.0	22.0	22.7	24.1	24.6
GE 20000	20.2	20.6	21.2	21.4	21.5	21.6	21.7	22.3	22.5	22.9	23.3	23.7	24.8	25.5	27.1	27.7
GE 18000	20.5	21.0	21.5	21.7	21.8	21.9	22.0	22.6	22.8	23.2	23.7	24.0	25.2	25.8	27.4	28.1
GE 16000	20.9	21.3	21.8	22.2	22.3	22.4	22.5	23.0	23.2	23.7	24.1	24.4	25.6	26.2	27.8	28.5
GE 14000	21.4	21.8	22.4	22.7	22.8	22.9	23.0	23.5	23.8	24.2	24.6	24.9	26.1	26.8	28.4	29.0
GE 12000	22.7	23.1	23.7	24.0	24.1	24.2	24.3	24.8	25.1	25.5	26.0	26.3	27.6	28.3	29.9	0.6
GE 10000	24.4	24.9	25.5	25.8	25.9	26.1	26.2	26.8	27.0	27.5	28.1	28.4	29.7	30.4	32.3	33.0
GE 9000	24.9	25.5	26.0	26.3	26.5	26.7	26.8	27.3	27.5	28.1	28.6	28.9	30.2	31.0	32.8	33.5
GE 8000	27.8	28.6	29.2	29.6	29.7	29.9	30.0	30.5	30.8	31.3	31.9	32.3	33.8	34.5	36.3	37.2
GE 7000	29.8	30.5	31.2	31.7	31.8	32.0	32.2	32.8	33.0	33.5	34.2	34.5	36.0	36.8	38.6	39.5
GE 6000	30.3	31.3	31.9	32.5	32.6	32.8	32.9	33.9	34.1	34.6	35.3	35.6	37.1	37.8	39.7	40.5
GE 5000	32.3	33.2	33.9	34.4	34.5	34.7	34.8	35.8	36.0	36.6	37.2	37.5	39.0	39.8	41.6	42.5
GE 4500	33.5	34.5	35.2	35.7	35.8	36.0	36.1	37.1	37.3	37.8	38.5	38.8	40.3	41.1	42.9	43.8
GE 4000	35.6	36.7	37.4	38.0	38.1	38.3	38.4	39.4	39.6	40.1	40.8	41.1	42.6	43.3	45.2	46.0
GE 3500	36.2	37.3	38.2	38.7	38.8	39.0	39.1	40.1	40.3	40.9	41.5	41.8	43.3	44.1	45.9	46.8
GE 3000	37.2	38.5	39.6	40.3	40.4	40.8	41.0	42.2	42.4	42.9	43.5	43.9	45.4	46.1	48.0	48.8
GE 2500	38.2	39.7	40.9	41.7	41.8	42.2	42.4	43.5	43.8	44.3	44.9	45.3	46.8	47.5	49.4	50.2
GE 2000	39.9	41.6	43.1	44.2	44.4	44.9	45.2	46.3	46.6	47.3	48.0	48.3	49.8	50.5	52.4	53.2
GE 1800	40.2	41.9	43.4	44.5	44.7	45.3	45.5	46.7	47.0	47.7	48.4	48.7	50.2	51.0	52.8	53.7
GE 1500	41.2	43.0	44.8	46.0	46.5	47.0	47.2	48.6	48.9	49.8	50.4	50.8	52.3	53.0	54.8	55.7
GE 1200	42.3	44.1	45.9	47.2	47.6	48.2	48.4	50.0	50.3	51.2	51.8	52.2	53.7	54.4	56.2	57.1
GE 1000	42.9	44.7	46.6	48.2	48.8	49.5	49.9	51.6	52.2	53.1	53.9	54.2	55.7	56.5	58.3	59.1
GE 900	44.1	45.9	47.8	49.7	50.5	51.2	51.6	53.3	54.1	55.3	56.0	56.3	57.8	58.6	60.4	61.3
GE 800	45.2	47.0	49.0	51.0	51.9	52.6	53.2	54.9	55.7	56.9	57.6	58.0	59.5	60.2	62.0	62.9
GE 700	45.6	47.5	49.7	51.7	52.8	53.4	54.2	56.0	56.8	58.2	58.9	59.2	60.8	61.5	63.4	64.3
GE 600	46.3	48.3	50.5	53.0	54.6	55.3	56.0	58.1	58.9	60.6	61.4	61.7	63.2	64.0	65.9	66.8
GE 500	47.0	48.9	51.5	54.3	56.5	57.1	58.6	60.8	61.6	63.4	64.2	64.5	66.3	67.6	69.8	70.6
GE 400	47.4	49.4	52.3	55.5	58.1	58.8	61.0	63.8	64.8	66.9	68.3	68.7	71.2	72.6	75.3	76.2
GE 300	47.5	49.8	52.8	56.1	59.9	60.9	64.2	67.8	69.2	72.4	75.4	76.3	80.6	83.0	88.0	89.4
GE 200	47.8	50.1	53.4	56.8	60.8	61.7	65.7	69.9	71.4	75.1	78.4	79.7	84.5	87.8	94.0	96.3
GE 100	47.8	50.1	53.4	56.8	61.0	61.9	66.5	70.8	72.3	76.3	79.7	81.0	85.8	89.1	95.7	98.7
GE 000	47.8	50.1	53.4	56.8	61.0	61.9	66.5	70.8	72.3	76.3	79.7	81.0	85.8	89.1	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TC UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	20.8	21.4	21.7	22.3	22.4	22.7	23.3	23.8	24.1	24.1	24.2	24.3	24.3	24.8	25.1
GE 20000	23.8	24.5	25.2	25.5	26.2	26.5	26.9	27.5	28.0	28.3	28.3	28.4	28.6	28.7	29.5	29.7
GE 18000	23.8	24.5	5.2	25.5	26.2	26.5	26.9	27.5	28.0	28.3	28.3	28.4	28.6	28.7	29.5	29.7
GE 16000	24.0	24.7	25.4	25.7	26.5	26.7	27.1	27.7	28.2	28.5	28.5	28.6	28.8	28.9	29.7	29.9
GE 14000	25.2	25.9	26.6	26.9	27.6	27.8	28.3	28.9	29.4	29.7	29.7	29.8	30.0	30.1	30.9	31.1
GE 12000	28.1	28.8	29.5	29.9	30.6	30.9	31.3	31.9	32.4	32.7	32.7	32.8	33.0	33.1	33.9	34.1
GE 10000	31.2	31.9	32.8	33.2	34.3	34.5	34.9	35.8	36.2	36.6	36.6	36.7	36.9	37.0	37.7	38.0
GE 9000	31.9	32.7	33.5	34.0	35.1	35.3	35.8	36.7	37.1	37.4	37.4	37.5	37.7	37.8	38.6	38.8
GE 8000	34.4	35.3	36.1	36.7	37.7	38.0	38.5	39.4	39.8	40.1	40.1	40.2	40.4	40.5	41.3	41.5
GE 7000	37.5	38.7	39.6	40.2	41.3	41.5	42.2	43.0	43.4	43.8	43.8	43.9	44.1	44.2	44.9	45.2
GE 6000	38.4	39.6	40.4	41.1	42.2	42.4	43.0	43.9	44.3	44.6	44.6	44.7	44.9	45.1	45.8	46.0
GE 5000	41.4	42.7	43.7	44.3	45.6	45.8	46.5	47.3	47.7	48.1	48.1	48.2	48.4	48.5	49.2	49.5
GE 4500	42.6	43.9	45.1	45.7	47.0	47.2	47.8	48.7	49.1	49.5	49.5	49.6	49.8	49.9	50.6	50.9
GE 4000	44.2	45.7	47.0	47.7	49.0	49.2	49.9	50.8	51.2	51.5	51.5	51.6	51.8	51.9	52.7	52.9
GE 3500	45.1	46.7	48.0	48.7	50.2	50.4	51.1	51.9	52.4	52.8	52.8	52.9	53.1	53.2	54.0	54.2
GE 3000	45.9	47.5	49.0	50.2	51.8	52.0	52.8	53.7	54.2	54.6	54.6	54.7	54.9	55.1	55.8	56.0
GE 2500	47.4	49.2	50.8	52.0	53.9	54.1	54.8	55.9	56.5	57.0	57.1	57.2	57.4	57.5	58.3	58.5
GE 2000	48.2	50.1	51.8	53.4	55.4	55.6	56.8	57.8	58.4	59.0	59.1	59.2	59.5	59.6	60.3	60.5
GE 1800	48.3	50.2	51.9	53.5	55.5	55.7	56.9	58.0	58.5	59.1	59.2	59.4	59.6	59.7	60.4	60.6
GE 1500	48.5	50.8	52.6	54.3	56.7	56.9	58.1	59.1	59.7	60.4	60.5	60.6	60.9	61.0	61.7	61.9
GE 1200	50.1	52.5	54.5	56.5	59.1	59.5	60.6	61.8	62.4	63.2	63.5	63.7	63.9	64.0	64.7	64.9
GE 1000	51.4	54.0	56.0	58.2	61.1	61.4	62.7	64.0	64.5	65.6	66.0	66.1	66.5	66.6	67.3	67.5
GE 900	52.2	54.7	56.8	58.9	62.2	62.5	63.9	65.2	65.7	66.8	67.4	67.5	67.8	68.0	68.7	68.9
GE 800	52.8	55.6	57.6	60.0	63.3	63.7	65.1	66.3	66.9	68.1	68.7	68.9	69.2	69.4	70.1	70.3
GE 700	53.3	56.2	58.6	61.3	64.7	65.2	66.7	68.1	68.6	70.3	71.0	71.2	71.5	71.6	72.4	72.6
GE 600	54.0	57.4	59.9	62.9	66.8	67.3	69.1	70.8	71.4	73.3	74.4	74.8	75.5	75.6	76.3	76.6
GE 500	54.9	59.0	61.7	65.4	70.1	70.8	73.3	75.2	75.9	78.5	79.8	80.2	81.0	81.1	81.9	82.2
GE 400	55.7	59.9	63.2	68.0	74.1	74.9	78.3	80.8	81.6	84.2	85.7	86.3	87.2	87.3	88.2	88.4
GE 300	55.9	60.1	63.4	68.2	75.3	76.6	81.0	83.8	85.1	88.3	90.0	91.1	93.0	93.4	95.2	95.7
GE 200	56.0	60.2	63.5	68.3	75.5	76.8	81.4	84.6	85.9	89.1	91.0	92.3	95.2	95.8	97.5	99.2
GE 100	56.0	60.2	63.5	68.3	75.5	76.8	81.4	84.6	85.9	89.1	91.0	92.3	95.3	95.9	97.8	99.8
GE 000	56.0	60.2	63.5	68.3	75.5	76.8	81.4	84.6	85.9	89.1	91.0	92.3	95.3	95.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE /8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	22.5	23.1	23.5	24.1	24.8	24.8	24.9	25.4	25.5	25.8	26.2	26.6	27.1	27.2	28.5	28.7
GE 20000	26.0	26.7	27.1	27.8	28.8	28.8	29.1	29.6	29.7	30.0	30.4	30.8	31.5	31.6	32.9	33.1
GE 18000	26.2	26.9	27.3	28.1	29.0	29.0	29.4	29.8	29.9	30.2	30.6	31.0	31.7	31.8	33.1	33.3
GE 16000	26.3	27.0	27.4	28.2	29.1	29.1	29.5	29.9	30.0	30.3	30.8	31.1	31.8	31.9	33.2	33.4
GE 14000	26.7	27.4	28.0	28.7	29.7	29.7	30.0	30.4	30.5	30.9	31.3	31.6	32.4	32.5	33.8	34.0
GE 12000	28.1	28.8	29.4	30.1	31.1	31.1	31.4	31.8	31.9	32.3	32.7	33.0	33.8	33.9	35.2	35.4
GE 10000	30.5	31.3	31.8	32.6	33.5	33.5	33.9	34.3	34.4	34.7	35.2	35.5	36.2	36.3	37.6	37.8
GE 9000	30.9	31.6	32.3	33.0	34.0	34.0	34.3	34.7	34.8	35.2	35.6	35.9	36.7	36.8	38.1	38.3
GE 8000	33.8	34.6	35.5	36.2	37.2	37.2	37.6	38.2	38.3	38.6	39.1	39.5	40.2	40.3	41.6	41.8
GE 7000	35.8	36.7	37.5	38.5	39.6	39.6	40.0	40.5	40.6	41.0	41.5	41.8	42.6	42.7	44.0	44.2
GE 6000	36.9	37.7	38.6	39.6	40.6	40.6	41.2	41.7	41.8	42.2	42.7	43.0	43.8	43.9	45.2	45.4
GE 5000	39.5	40.3	41.2	42.2	43.2	43.2	43.8	44.3	44.4	44.7	45.3	45.6	46.3	46.5	47.7	48.0
GE 4500	40.4	41.3	42.3	43.4	44.7	44.7	45.3	45.8	45.9	46.2	46.8	47.1	47.8	48.0	49.2	49.5
GE 4000	42.4	43.2	44.3	45.5	46.8	46.8	47.3	47.8	48.0	48.3	48.8	49.1	49.9	50.0	51.3	51.5
GE 3500	43.9	44.7	45.8	47.0	48.4	48.4	48.9	49.6	49.8	50.2	50.8	51.1	51.8	51.9	53.2	53.5
GE 3000	45.3	46.1	47.3	48.5	50.0	50.0	50.6	51.3	51.5	51.9	52.5	52.8	53.5	53.7	54.9	55.3
GE 2500	46.5	47.3	48.8	50.2	51.8	51.8	52.8	53.8	54.0	54.4	54.9	55.3	56.0	56.1	57.4	57.8
GE 2000	48.3	49.1	50.6	52.0	54.0	54.1	55.1	56.0	56.2	56.9	57.4	57.7	58.5	58.6	59.9	60.3
GE 1800	48.7	49.6	51.2	52.6	54.5	54.6	55.6	56.6	56.8	57.4	58.0	58.3	59.0	59.1	60.4	60.9
GE 1500	49.4	50.3	51.9	53.5	55.6	55.8	56.9	57.8	58.1	58.9	59.5	59.8	60.5	60.6	61.9	62.4
GE 1200	51.1	52.2	53.8	55.8	57.8	58.1	59.1	60.4	60.8	61.6	62.2	62.5	63.2	63.3	64.6	65.1
GE 1000	53.1	54.4	56.3	58.6	60.8	61.1	62.4	63.9	64.2	65.3	65.8	66.1	66.9	67.0	68.3	68.7
GE 900	53.5	54.9	56.9	59.1	61.5	61.9	63.2	64.9	65.3	66.3	66.9	67.2	68.0	68.1	69.4	69.8
GE 800	54.4	55.9	57.8	60.2	62.7	63.1	64.4	66.1	66.5	67.5	68.2	68.5	69.2	69.4	70.6	71.1
GE 700	54.9	56.5	58.4	61.0	63.5	64.0	65.5	67.2	67.5	68.8	69.5	69.8	70.5	70.6	71.9	72.4
GE 600	55.9	57.4	59.5	62.2	64.8	65.3	66.9	68.6	68.9	70.5	71.3	71.6	72.7	72.8	74.1	74.5
GE 500	56.8	58.3	60.6	63.4	66.2	66.8	68.7	71.3	71.6	73.8	74.7	75.2	76.3	76.5	77.7	78.2
GE 400	58.6	60.6	63.1	66.1	69.6	70.2	72.4	75.3	76.0	78.9	80.1	80.5	82.0	82.2	83.4	83.9
GE 300	58.7	61.0	63.5	66.6	70.2	71.0	73.5	77.0	77.7	81.7	83.4	84.3	87.1	87.4	89.7	90.4
GE 200	59.0	61.4	64.0	67.0	70.9	71.7	74.4	78.0	78.7	84.1	87.1	88.5	91.7	92.9	96.1	97.6
GE 100	59.0	61.4	64.0	67.0	70.9	71.7	74.4	78.0	78.7	84.2	87.3	88.7	92.0	93.3	96.9	99.9
GE 000	59.0	61.4	64.0	67.0	70.9	71.7	74.4	78.0	78.7	84.2	87.3	88.7	92.0	93.3	96.9	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: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.7	21.4	21.8	22.3	22.8	22.8	23.2	23.7	23.9	24.3	24.8	25.0	25.6	25.8	26.9	27.7
GE 20000	23.7	24.4	24.8	25.4	26.0	26.1	26.5	27.0	27.2	27.7	28.2	28.4	29.1	29.3	30.6	31.5
GE 18000	23.9	24.5	25.0	25.6	26.2	26.2	26.7	27.2	27.4	27.9	28.4	28.6	29.3	29.5	30.8	31.7
GE 16000	24.0	24.7	25.2	25.8	26.4	26.4	26.9	27.4	27.6	28.1	28.6	28.8	29.5	29.7	31.0	31.9
GE 14000	24.6	25.3	25.8	26.4	27.0	27.0	27.5	28.0	28.2	28.7	29.2	29.4	30.1	30.3	31.6	32.5
GE 12000	26.3	27.0	27.5	28.2	28.8	28.8	29.3	29.8	30.0	30.5	31.0	31.2	31.9	32.2	33.4	34.3
GE 10000	28.6	29.4	29.9	30.6	31.2	31.4	31.8	32.4	32.6	33.1	33.6	33.8	34.6	34.9	36.2	37.1
GE 9000	29.3	30.0	30.6	31.3	31.9	32.1	32.5	33.1	33.3	33.8	34.4	34.6	35.3	35.6	36.9	37.8
GE 8000	32.0	32.9	33.5	34.2	34.9	35.0	35.5	36.1	36.3	36.8	37.4	37.6	38.4	38.6	40.0	40.9
GE 7000	34.2	35.1	35.8	36.6	37.3	37.5	38.0	38.6	38.8	39.4	39.9	40.1	40.9	41.2	42.5	43.4
GE 6000	35.1	36.1	36.8	37.6	38.3	38.5	39.0	39.7	39.9	40.4	41.0	41.2	42.0	42.2	43.6	44.5
GE 5000	37.4	38.4	39.1	39.9	40.7	40.8	41.3	42.1	42.3	42.8	43.4	43.6	44.4	44.6	46.0	46.9
GE 4500	38.3	39.4	40.2	41.1	42.0	42.2	42.7	43.4	43.6	44.2	44.7	44.9	45.7	46.0	47.3	48.2
GE 4000	40.0	41.2	42.1	43.1	44.0	44.1	44.7	45.4	45.6	46.2	46.8	47.0	47.8	48.0	49.4	50.3
GE 3500	41.0	42.2	43.2	44.2	45.2	45.4	45.9	46.7	46.9	47.5	48.1	48.3	49.1	49.3	50.7	51.6
GE 3000	42.0	43.2	44.3	45.5	46.7	46.9	47.5	48.3	48.6	49.2	49.8	50.0	50.8	51.1	52.4	53.3
GE 2500	43.4	44.8	46.0	47.4	48.8	49.0	49.7	50.6	50.9	51.6	52.2	52.4	53.2	53.5	54.8	55.8
GE 2000	44.6	46.1	47.5	49.0	50.5	50.8	51.7	52.7	52.9	53.7	54.3	54.5	55.3	55.6	56.9	57.9
GE 1800	44.8	46.4	47.8	49.3	50.8	51.1	52.1	53.0	53.3	54.1	54.7	54.9	55.7	56.0	57.3	58.3
GE 1500	45.4	47.1	48.6	50.2	51.9	52.2	53.2	54.2	54.5	55.4	56.0	56.2	57.0	57.3	58.6	59.6
GE 1200	46.9	48.7	50.3	52.2	54.0	54.4	55.6	56.7	57.0	58.0	58.6	58.8	59.7	59.9	61.3	62.2
GE 1000	47.8	49.7	51.5	53.6	55.6	56.0	57.4	58.6	59.0	60.0	60.8	61.0	61.8	62.1	63.4	64.4
GE 900	48.8	50.8	52.6	54.8	56.9	57.3	58.8	60.1	60.5	61.6	62.3	62.5	63.4	63.7	65.1	66.0
GE 800	49.6	51.7	53.7	55.9	58.2	58.6	60.1	61.5	61.9	63.1	63.9	64.1	65.0	65.2	66.6	67.6
GE 700	50.1	52.3	54.4	56.9	59.3	59.8	61.4	62.8	63.2	64.6	65.4	65.7	66.5	66.8	68.2	69.2
GE 600	50.7	53.1	55.4	58.0	60.7	61.3	63.0	64.6	65.1	66.7	67.8	68.1	69.1	69.3	70.8	71.8
GE 500	51.5	54.1	56.6	59.6	62.9	63.5	65.8	67.7	68.2	70.3	71.4	71.9	73.0	73.4	75.0	76.0
GE 400	52.5	55.3	58.0	61.5	65.4	66.2	68.9	71.2	71.9	74.4	75.9	76.5	78.0	78.5	80.3	81.4
GE 300	52.8	55.7	58.6	62.3	66.8	67.8	71.3	74.5	75.5	79.2	81.6	82.6	85.4	86.7	89.7	91.1
GE 200	53.0	55.9	58.9	62.6	67.3	68.3	72.1	75.6	76.7	81.0	84.0	85.3	88.7	90.5	94.5	96.9
GE 100	53.0	55.9	58.9	62.6	67.4	68.4	72.3	75.9	76.9	81.4	84.4	85.7	89.4	91.4	95.8	99.5
GE 000	53.0	55.9	58.9	62.6	67.4	68.4	72.3	75.9	76.9	81.4	84.4	85.7	89.4	91.4	95.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	9.7	16.2	13.0	47.3	13.8	74.1	10.0	930
03-05	9.7	13.3	11.4	50.6	14.9	77.0	11.9	930
06-08	4.8	15.4	17.3	47.0	15.5	79.8	13.5	930
09-11	2.2	12.7	22.9	50.2	12.0	85.2	12.3	930
12-14	2.2	14.1	24.4	51.0	8.4	83.8	7.8	930
15-17	2.4	15.2	26.3	47.8	8.3	82.5	7.3	930
18-20	4.3	21.2	19.5	43.2	11.8	74.5	9.0	930
21-23	9.1	19.7	12.7	45.4	13.1	71.2	10.4	930
ALL HOURS	5.0	15.0	18.0	47.0	12.0	78.0	10.0	7440

MONTH: FEB HOURS: ALL

00-02	14.8	19.7	15.7	42.0	7.8	65.5	5.4	849
03-05	15.3	16.4	16.1	42.8	9.4	68.3	6.8	849
06-08	5.3	17.0	23.6	43.9	10.2	77.7	9.9	849
09-11	3.5	13.7	29.1	46.5	7.2	82.8	10.1	849
12-14	3.5	13.9	29.8	50.4	2.4	82.6	3.7	849
15-17	3.7	16.6	31.7	45.2	2.8	79.7	3.1	849
18-20	6.7	23.0	21.4	45.6	3.3	70.3	2.7	849
21-23	12.6	23.0	16.6	42.3	5.5	64.4	5.8	849
ALL HOURS	8.2	17.9	23.0	44.8	6.1	73.9	5.9	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	19.9	34.2	19.9	25.4	.7	46.0	.4	916
03-05	8.2	39.0	23.4	28.2	1.2	52.8	1.8	923
06-08	6.1	31.6	31.1	30.5	.6	62.3	1.8	930
09-11	5.1	27.2	35.8	31.8	.1	67.7	.6	930
12-14	2.7	22.7	41.9	32.5	.2	74.6	.9	930
15-17	2.2	27.1	40.1	30.0	.6	70.8	1.0	930
18-20	2.9	33.7	37.0	25.8	.5	63.3	.8	922
21-23	14.3	34.4	24.2	26.8	.3	51.3	.9	914
ALL HOURS	7.0	31.0	31.0	28.0	.0	61.0	1.0	7395

MONTH: JUN HOURS: ALL

00-02	27.4	36.4	14.2	21.9	.1	36.2	.2	840
03-05	5.9	41.3	32.0	20.6	.3	52.9	.6	870
06-08	5.6	37.3	35.9	21.0	.2	57.1	.7	900
09-11	2.6	35.8	38.4	23.2		61.7	.1	900
12-14	2.2	34.7	40.0	23.1		63.1	.2	900
15-17	2.3	34.1	44.6	19.0		63.6	.3	900
18-20	4.9	40.9	35.8	18.4		54.2	.3	871
21-23	18.9	41.3	23.1	16.7		39.8	.4	840
ALL HOURS	8.5	37.7	33.2	20.5	.1	53.8	.4	7021

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	41.1	27.9	14.6	16.0	.4	31.0	2.3	900
03-05	29.7	38.0	15.0	16.9	.4	32.3	2.8	900
06-08	10.1	43.3	30.0	15.3	1.2	46.6	2.9	900
09-11	9.7	43.8	31.4	15.0	.1	46.6	2.8	900
12-14	6.7	41.8	32.9	18.7		51.6	3.4	900
15-17	7.2	45.5	29.2	18.0		47.2	3.7	898
18-20	15.7	47.8	21.6	14.7	.1	36.5	3.5	897
21-23	33.2	36.7	12.3	17.7	.1	30.1	2.0	897
ALL HOURS	19.0	40.0	23.0	16.0	.0	40.0	2.0	7192

MONTH: OCT HOURS: ALL

00-02	33.1	27.4	16.5	21.9	1.1	39.5	2.4	930
03-05	30.4	31.5	13.9	22.0	2.2	38.1	3.4	930
06-08	8.6	38.0	27.2	22.7	3.5	53.4	6.9	930
09-11	7.0	36.3	25.9	28.9	1.8	56.7	4.5	930
12-14	6.6	34.5	31.2	27.7		58.9	1.1	930
15-17	5.9	35.7	33.2	25.2		58.4	1.0	930
18-20	16.7	35.1	25.7	22.6		48.3	.5	930
21-23	26.1	30.9	19.1	23.3	.5	43.0	2.0	930
ALL HOURS	16.8	33.7	24.1	24.3	1.1	49.5	2.7	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	25.0	26.8	15.0	29.2	4.1	48.3	4.1	10823
03-05	16.7	30.3	17.6	30.3	5.2	53.0	5.0	10891
06-08	7.8	30.6	25.3	31.1	5.2	61.6	6.7	10959
09-11	5.6	29.1	28.7	33.2	3.4	65.3	5.5	10959
12-14	4.0	27.8	32.3	33.8	2.0	68.1	3.1	10959
15-17	4.3	29.5	32.5	31.6	2.0	66.2	2.9	10957
18-20	9.0	33.7	25.0	29.8	2.6	57.4	3.1	10891
21-23	19.8	30.7	17.1	28.9	3.5	49.5	3.6	10823
ALL HOURS	11.5	29.8	24.2	31.0	3.5	58.7	4.3	87262

PPPPPPP	AAAAAA	RRRRRRR	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
PPPPPPP	AAAAAAAAA	RRRRRRR	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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

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

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

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

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

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.1						.0
GE 70						.1	.7	.2					.1
GE 65						.8	8.7	5.9	.3				1.4
GE 60					1.3	8.5	30.7	23.8	3.2				5.8
GE 55				.2	5.1	25.6	61.5	57.0	13.8	.1			13.9
GE 50				1.1	19.7	54.4	86.9	86.3	42.9	3.4		.1	25.0
GE 45	.1	.2	.6	7.5	45.2	83.1	98.2	97.5	71.3	17.4	.8	.3	35.8
GE 40	1.0	2.2	4.8	27.6	73.4	97.3	99.8	99.8	90.1	43.7	7.1	1.6	46.4
GE 35	5.8	10.3	21.7	59.6	92.8	100.0	99.9	100.0	98.1	74.3	24.5	9.5	58.7
GE 33	12.3	17.8	35.6	72.3	97.7		99.9		99.3	83.1	37.2	16.7	65.0
GE 30	24.5	39.9	61.7	90.3	99.6		100.0		99.9	92.5	57.4	31.2	75.2
GE 25	45.0	67.7	87.4	99.3	100.0				100.0	99.0	79.5	55.9	86.4
GE 20	64.7	83.9	95.1	100.0						99.8	90.7	73.5	92.4
GE 15	76.6	91.8	97.8							100.0	96.8	85.4	95.8
GE 10	84.0	95.6	99.3								98.2	92.7	97.5
GE 5	90.4	98.0	99.7								98.9	96.0	98.6
GE 0	94.8	98.9	99.9								99.4	98.2	99.3
GE -5	97.7	99.2	100.0								99.7	99.2	99.7
GE -10	99.0	99.8									99.9	99.7	99.9
GE -15	99.7	99.9									100.0	99.7	99.9
GE -20	99.9	100.0										100.0	100.0
GE -25	100.0												100.0
MEAN	21.1	26.2	30.4	36.2	43.8	50.5	56.2	55.5	47.9	38.5	29.6	24.1	38.5
SD	11.10	8.18	6.08	5.57	6.42	6.04	5.98	5.64	6.32	6.16	7.66	9.40	13.85
TOTAL OBS	1460	1327	1488	1470	1519	1470	1513	1488	1440	1457	1418	1457	17507

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
40				75	89	97	100	97	92	77	54	52	100*
41	47	57	70	80	88	92	104	98	77	70	58	58	104
42	47	48	70	83	82	92	98						98*
43											53*		53*
44	31*	*	61	74	84	90	95	90	95	75	55	50	95*
45	50	51	58	72	81	88	95	94	89	77	60	46	95
46	44	50	63	85	80	87	91	96	84	63	50	51	96
47	45	57	68	77	84	85	97	92	86	74	50	45	97
48	40	53	62	71	84	90	88*	84	90	73	50	42	90*
49	36	49	56	78	88	90	98	91	91	64	57	46	98
50	41	46	49	67	79	89	95	91	94	67	59	49	95
51	43	51	56	71	83	85	96	93	84	73	50	47	96
52	39	45	62	81	81	86	96	94	90	79	56	39	96
53	50	51	65	68	83	80	95	98	90	75	59	46	98
54	48	53	58	70	85	81	91	89	85	65	55	46	91
55	39	45	49	64	74	96	95	90	92	67	54	46	96
56	46	41	57	77	86	81	95	95	83	73	48	49	95
57	35	52	54	81	85	87	90	88	86	65	52	53	90
58	46	60	59	68	91	93	92	95	91	79	56	50	95
59	49	46	54	68	79	87	100	93	87	66	58	51	100
60	45	45	70	70	80	85	100	94	84	76	52	46	100
61	48	50	58	66	84	93	93	104	77	76	47	44	104
62	48	55	59	75	71	90	96	91	84	76	52	47	96
63	45	54	61	71	82	88	86	92	89	80	54	39	92
64	41	41	68	60	81	83	98	88	84	75	53	47	98
65	41	48	60	69	78	86	94	95	78	77	68	48	95
66	49	49	68	70	90	84	91	98	92	76	57	50	98
67	51	54	53	59	79	89	103	101	91	72	52	44	103
68	48	62	63	78	80	91	102	93	85	68	48	53	102
69	37	40	64	76	84	92	91	99	89	70	58	48	99
70	44	51	55	61	84	96	99	99	83	81	60	46	99

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: +08

PERIOD OF RECORD: 4004-4207,4311-8909
 MONTH: ALL HOURS: ALL

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

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	26.5	8.281	930	3	693	0	0	0	930
03-05	26.1	8.431	930	3	716	0	0	0	930
06-08	25.7	8.485	930	7	738	0	0	0	930
09-11	27.5	8.138	930	4	658	0	0	0	930
12-14	30.2	7.901	930	0	523	0	0	0	930
15-17	30.1	7.685	930	0	522	0	0	0	930
18-20	28.3	7.840	930	1	601	0	0	0	930
21-23	27.3	7.944	930	2	660	0	0	0	930
ALL HOURS	27.7	8.213	7440	20	5111	0	0	0	7440

MONTH: FEB

00-02	29.5	8.361	849	9	518	0	0	0	849
03-05	28.7	8.480	849	10	561	0	0	0	849
06-08	28.3	8.462	849	7	592	0	0	0	849
09-11	31.4	8.615	849	4	424	0	0	0	849
12-14	35.2	8.985	849	1	298	0	0	0	849
15-17	36.0	9.039	849	1	270	0	0	0	849
18-20	32.9	8.532	849	6	367	0	0	0	849
21-23	31.1	8.237	849	7	437	0	0	0	849
ALL HOURS	31.6	9.029	6792	45	3467	0	0	0	6792

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	48.1	7.448	916	0	6	21	0	0	916
03-05	45.5	7.199	923	0	18	8	0	0	923
06-08	49.8	7.905	930	0	1	44	0	0	930
09-11	57.2	9.109	930	0	0	193	14	0	930
12-14	61.7	10.113	930	0	0	319	58	0	930
15-17	62.4	10.350	930	0	0	330	67	0	930
18-20	58.0	9.756	922	0	0	215	27	0	922
21-23	51.9	8.036	914	0	0	64	0	0	914
ALL HOURS	54.4	10.626	7395	0	25	1194	166	0	7395

MONTH: JUN

00-02	55.0	6.837	840	0	0	79	0	0	840
03-05	52.2	6.342	870	0	0	14	0	0	870
06-08	57.2	7.283	900	0	0	165	0	0	900
09-11	64.8	8.663	900	0	0	438	42	0	900
12-14	69.4	9.707	900	0	0	592	172	0	900
15-17	70.7	9.638	900	0	0	636	206	2	900
18-20	66.8	9.134	871	0	0	502	86	0	871
21-23	59.4	7.505	840	0	0	222	2	0	840
ALL HOURS	62.0	10.512	7021	0	0	2648	508	2	7021

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	52.4	7.040	900	0	0	45	0	0	900
03-05	49.7	6.404	900	0	0	10	0	0	900
06-08	51.3	7.150	900	0	2	36	0	0	900
09-11	60.9	8.842	900	0	0	305	20	0	900
12-14	67.3	10.250	900	0	0	506	128	6	900
15-17	68.3	10.875	898	0	0	530	172	15	898
18-20	61.7	9.437	897	0	0	341	34	1	897
21-23	55.9	7.785	897	0	0	131	2	0	897
ALL HOURS	58.4	10.881	7192	0	2	1904	356	22	7192

MONTH: OCT

00-02	43.6	6.941	930	0	47	2	0	0	930
03-05	41.6	6.819	930	0	83	1	0	0	930
06-08	41.9	7.001	930	0	85	0	0	0	930
09-11	49.7	8.345	930	0	6	42	0	0	930
12-14	55.9	9.492	930	0	3	176	4	0	930
15-17	56.1	9.830	930	0	3	177	6	0	930
18-20	49.8	8.369	930	0	4	48	0	0	930
21-23	45.9	7.476	930	0	23	1	0	0	930
ALL HOURS	48.0	9.787	7440	0	254	447	10	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	42.7	14.305	10823	31	2587	661	0	0	10823
03-05	40.8	13.295	10891	39	2967	221	0	0	10891
06-08	42.7	15.089	10959	38	2932	861	3	0	10959
09-11	48.9	17.867	10959	20	2111	2475	375	0	10959
12-14	53.5	19.196	10959	5	1647	3417	1162	53	10959
15-17	54.1	19.805	10957	4	1627	3549	1433	113	10957
18-20	49.9	18.550	10891	17	1968	2712	685	13	10891
21-23	45.4	15.776	10823	25	2259	1434	52	0	10823
ALL HOURS	47.2	17.559	87262	179	18098	15330	3710	179	87262

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	33.7	5.442	930	390	0	0	0	0	930
03-05	32.6	5.565	930	488	0	0	0	0	930
06-08	32.7	5.482	930	470	0	0	0	0	930
09-11	36.7	5.361	929	159	7	0	0	0	929
12-14	39.3	5.226	930	69	21	0	0	0	930
15-17	39.6	5.106	930	59	23	0	0	0	930
18-20	37.2	5.172	930	155	3	0	0	0	930
21-23	35.2	5.164	930	267	1	0	0	0	930
ALL HOURS	35.9	5.898	7439	2057	55	0	0	0	7439

MONTH: APR

00-02	37.9	6.098	900	215	24	0	0	0	900
03-05	36.3	6.021	900	300	11	0	0	0	900
06-08	38.1	6.164	900	204	26	0	0	0	900
09-11	42.8	6.081	900	17	138	0	0	0	900
12-14	44.8	6.375	900	4	225	0	0	0	900
15-17	44.9	6.407	900	0	228	0	0	0	900
18-20	42.8	6.375	900	25	153	0	0	0	900
21-23	40.1	6.208	900	114	64	0	0	0	900
ALL HOURS	41.0	6.958	7200	879	869	0	0	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	52.3	4.600	868	0	625	0	0	0	868
03-05	50.8	4.593	899	0	555	0	0	0	899
06-08	54.2	4.483	930	0	782	0	0	0	930
09-11	58.2	4.555	930	0	889	19	0	0	930
12-14	59.5	4.573	930	0	915	46	1	0	930
15-17	59.5	4.425	930	0	911	43	0	0	930
18-20	58.0	4.539	902	0	863	24	0	0	902
21-23	54.7	4.570	873	0	758	2	0	0	873
ALL HOURS	56.0	5.531	7262	0	6298	134	1	0	7262

MONTH: AUG

00-02	52.0	4.576	930	0	648	0	0	0	930
03-05	50.7	4.698	930	0	560	0	0	0	930
06-08	53.3	4.543	930	0	737	0	0	0	930
09-11	57.6	4.134	930	0	903	13	0	0	930
12-14	59.2	3.943	930	0	918	29	0	0	930
15-17	59.2	3.791	930	0	923	19	0	0	930
18-20	57.0	4.186	930	0	895	8	0	0	930
21-23	53.7	4.399	930	0	767	1	0	0	930
ALL HOURS	55.4	5.287	7440	0	6351	70	0	0	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	31.6	8.753	900	451	5	0	0	0	900
03-05	31.1	8.847	900	482	3	0	0	0	900
06-08	30.9	8.922	900	492	4	0	0	0	900
09-11	33.2	8.889	900	383	8	0	0	0	900
12-14	35.3	8.718	900	304	14	0	0	0	900
15-17	34.9	8.767	900	298	11	0	0	0	900
18-20	33.1	8.748	900	379	5	0	0	0	900
21-23	32.0	8.775	900	423	4	0	0	0	900
ALL HOURS	32.7	8.929	7200	3212	54	0	0	0	7200

MONTH: DEC

00-02	25.0	9.553	930	747	3	0	0	0	930
03-05	24.6	9.544	930	759	3	0	0	0	930
06-08	24.5	9.406	930	756	1	0	0	0	930
09-11	25.9	9.139	930	713	1	0	0	0	930
12-14	27.7	8.685	930	655	3	0	0	0	930
15-17	27.4	8.739	930	659	1	0	0	0	930
18-20	26.2	9.203	930	702	0	0	0	0	930
21-23	25.5	9.471	930	727	3	0	0	0	930
ALL HOURS	25.9	9.308	7440	5718	15	0	0	0	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	22.1	9.956	930	608	17	930	0	930
03-05	21.8	10.016	930	617	19	930	0	930
06-08	21.5	10.113	930	646	16	930	0	930
09-11	22.8	9.637	930	570	22	930	0	930
12-14	24.4	9.145	930	526	43	930	0	930
15-17	24.3	9.130	930	535	33	930	0	930
18-20	23.3	9.430	930	562	26	930	0	930
21-23	22.7	9.640	930	583	22	930	0	930
ALL HOURS	22.9	9.709	7440	4647	198	7440	0	7440

MONTH: FEB

00-02	24.6	10.494	849	445	55	849	0	849
03-05	24.0	10.566	849	468	51	849	0	849
06-08	23.7	10.606	849	485	57	849	0	849
09-11	25.6	10.599	849	425	90	849	0	849
12-14	27.0	10.642	849	371	132	849	0	849
15-17	27.2	10.619	849	373	152	849	0	849
18-20	26.3	10.397	849	392	98	849	0	849
21-23	25.6	10.383	849	404	84	849	0	849
ALL HOURS	25.5	10.617	6792	3363	719	6792	0	6792

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	38.2	7.012	907	62	542	906	0	907
03-05	37.9	6.980	914	63	525	914	0	914
06-08	40.0	6.507	922	29	626	916	0	922
09-11	40.6	7.071	924	39	653	914	0	924
12-14	39.4	7.587	924	55	602	921	0	924
15-17	38.5	7.762	919	70	544	916	0	919
18-20	39.0	7.588	912	66	568	902	0	912
21-23	38.8	7.143	905	52	564	903	0	905
ALL HOURS	39.1	7.308	7327	436	4624	7292	0	7327

MONTH: JUN

00-02	44.1	6.430	840	9	748	806	0	900
03-05	44.1	6.291	870	6	770	836	0	900
06-08	46.3	5.897	900	0	864	844	0	900
09-11	46.5	6.128	900	1	855	827	0	900
12-14	45.1	6.627	900	3	818	841	3	900
15-17	44.0	6.833	900	3	785	848	0	900
18-20	44.7	6.935	871	6	765	820	1	900
21-23	44.9	6.537	840	3	756	788	0	900
ALL HOURS	45.0	6.566	7021	31	6361	6610	4	7021

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	39.3	7.063	900	57	623	896	0	900
03-05	39.7	7.055	900	52	647	895	0	900
06-08	41.1	6.776	900	39	714	890	0	900
09-11	42.2	6.459	899	34	767	889	0	899
12-14	40.5	6.517	900	39	695	895	0	900
15-17	38.9	6.613	898	52	616	897	0	898
18-20	38.8	6.736	897	54	619	893	0	897
21-23	38.8	6.957	897	60	593	894	0	897
ALL HOURS	39.9	6.901	7191	387	5274	7149	0	7191

MONTH: OCT

00-02	34.5	8.230	930	183	397	930	0	930
03-05	34.2	8.234	930	203	381	930	0	930
06-08	34.9	8.129	930	164	396	930	0	930
09-11	37.3	7.930	930	98	519	930	0	930
12-14	37.1	8.414	930	121	505	930	0	930
15-17	36.3	8.542	930	157	490	930	0	930
18-20	35.6	8.437	930	160	463	930	0	930
21-23	34.8	8.379	930	178	432	930	0	930
ALL HOURS	35.6	8.392	7440	1264	3583	7440	0	7440

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	33.7	11.572	10814	2877	4662	10686	0	10814
03-05	33.5	11.773	10882	3010	4660	10768	0	10882
06-08	34.6	12.356	10951	2886	5146	10762	0	10951
09-11	35.8	11.988	10951	2448	5596	10719	0	10951
12-14	35.5	11.149	10953	2377	5503	10802	5	10953
15-17	34.8	10.890	10946	2503	5192	10812	0	10946
18-20	34.4	11.226	10881	2590	5009	10720	1	10881
21-23	34.0	11.412	10814	2709	4787	10660	0	10814
ALL HOURS	34.5	11.580	87192	21400	40555	85929	6	87192

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.9	99.7	97.6	88.6	76.3	53.9	23.3	79.0	930
03-05	100.0	100.0	100.0	99.8	98.4	93.5	82.2	61.7	27.6	81.3	930
06-08	100.0	100.0	100.0	99.9	97.6	93.1	82.7	62.9	28.5	81.5	930
09-11	100.0	100.0	100.0	97.3	90.6	76.9	58.5	33.9	11.7	71.6	929
12-14	100.0	100.0	98.6	90.1	72.7	51.1	30.2	17.2	5.1	61.1	930
15-17	100.0	100.0	98.5	86.3	68.1	44.6	26.8	16.0	6.0	59.3	930
18-20	100.0	100.0	99.8	96.9	86.9	68.7	49.1	26.3	10.2	68.5	930
21-23	100.0	100.0	100.0	99.6	94.6	82.4	66.9	42.4	16.3	75.0	930
ALL HOURS	100.0	100.0	99.6	96.2	88.3	74.9	59.1	39.3	16.1	75.0	7439

MONTH: APR

00-02	100.0	100.0	100.0	97.7	88.3	73.6	49.0	26.8	5.4	68.7	900
03-05	100.0	100.0	100.0	98.9	94.9	84.1	61.8	36.3	7.7	72.9	900
06-08	100.0	100.0	100.0	98.2	93.2	79.1	55.0	29.3	7.7	70.8	900
09-11	100.0	100.0	98.8	88.0	67.3	40.9	21.3	7.6	2.8	57.1	900
12-14	100.0	99.7	90.4	65.3	40.1	19.9	10.4	5.0	.9	47.8	900
15-17	100.0	99.0	83.3	56.9	34.3	19.7	10.9	5.7	1.0	45.6	900
18-20	100.0	99.8	93.9	78.6	55.9	36.0	20.6	10.4	2.2	54.3	900
21-23	100.0	100.0	98.8	92.2	77.9	55.9	35.4	18.0	3.9	62.8	900
ALL HOURS	100.0	99.8	95.7	84.5	69.0	51.1	33.1	17.4	3.9	62.8	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.1	89.3	69.1	48.2	24.8	12.0	5.6	59.3	868
03-05	100.0	100.0	99.7	97.8	87.3	70.7	45.1	24.1	8.2	67.8	899
06-08	100.0	100.0	99.9	93.2	77.5	55.6	29.0	13.5	4.1	61.8	930
09-11	100.0	99.7	89.2	65.3	35.8	16.3	7.5	3.8	1.4	46.3	930
12-14	100.0	92.3	65.1	32.6	13.2	6.6	3.3	2.3	.6	36.2	930
15-17	100.0	86.7	51.4	23.1	11.3	6.3	3.7	2.6	.9	33.0	930
18-20	100.0	94.0	65.2	36.3	18.0	10.5	6.9	4.5	2.0	38.2	902
21-23	100.0	99.4	92.7	69.0	44.8	23.8	14.4	7.8	3.8	50.3	873
ALL HOURS	100.0	96.4	82.6	63.0	44.3	29.6	16.7	8.8	3.3	50.3	7262

MONTH: AUG

00-02	100.0	99.7	98.6	84.2	55.2	33.9	18.0	10.0	5.1	55.0	930
03-05	100.0	100.0	99.7	96.9	82.0	57.0	32.5	16.6	5.4	63.5	930
06-08	100.0	100.0	99.7	94.9	74.8	47.7	24.9	11.8	4.1	60.4	930
09-11	100.0	100.0	90.5	56.5	28.1	13.1	5.9	3.8	1.7	44.3	930
12-14	100.0	94.5	52.6	20.3	9.0	4.3	3.1	2.2	1.3	33.3	930
15-17	100.0	85.5	39.1	15.8	7.6	4.5	2.5	2.3	.5	30.1	930
18-20	100.0	94.5	58.6	30.3	14.3	8.8	5.6	3.3	1.6	36.0	930
21-23	100.0	99.5	90.4	60.2	33.3	16.2	9.8	6.7	3.2	46.3	930
ALL HOURS	100.0	96.7	78.7	57.4	38.1	23.2	12.8	7.1	2.9	46.3	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	99.9	99.7	98.0	92.2	77.9	39.8	85.8	900
03-05	100.0	100.0	100.0	100.0	99.8	97.9	92.4	81.3	41.0	86.2	900
06-08	100.0	100.0	100.0	99.9	99.7	97.8	93.8	81.7	42.4	86.5	900
09-11	100.0	100.0	100.0	99.9	99.1	95.7	89.9	67.6	32.0	83.4	900
12-14	100.0	100.0	100.0	99.8	96.4	90.2	73.3	47.4	20.2	77.4	900
15-17	100.0	100.0	100.0	99.6	97.4	91.1	74.3	49.3	20.3	77.9	900
18-20	100.0	100.0	100.0	99.6	99.1	95.9	87.4	68.9	28.2	83.0	900
21-23	100.0	100.0	100.0	100.0	99.6	96.6	90.3	75.8	34.9	84.9	900
ALL HOURS	100.0	100.0	100.0	99.8	98.8	95.4	86.7	68.7	32.4	84.9	7200

MONTH: DEC

00-02	100.0	100.0	100.0	99.9	99.2	96.8	90.1	68.1	31.6	83.5	930
03-05	100.0	100.0	100.0	100.0	99.0	97.2	91.1	71.4	30.1	83.8	930
06-08	100.0	100.0	100.0	99.9	99.1	98.0	93.2	70.2	29.7	83.9	930
09-11	100.0	100.0	100.0	99.6	98.7	96.2	90.5	65.5	25.3	82.7	930
12-14	100.0	100.0	99.7	99.1	96.9	93.3	83.2	57.5	23.1	80.3	930
15-17	100.0	100.0	99.8	99.5	97.5	93.1	85.5	60.9	24.3	81.1	930
18-20	100.0	100.0	99.8	99.7	98.7	95.6	87.5	67.4	27.6	82.6	930
21-23	100.0	100.0	100.0	99.7	99.0	96.7	88.3	67.5	29.9	83.1	930
ALL HOURS	100.0	100.0	99.9	99.7	98.5	95.9	88.7	66.1	27.7	83.1	7440

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRR	TT	FFFFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFFFF
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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	1021.1	1019.2	1015.0	1015.2	1014.1	1013.9	1014.3	1013.8	1015.8	1018.2	1017.8	1020.9	1016.6
	SD	10.001	9.415	7.654	6.753	5.210	4.491	3.797	3.946	5.892	6.858	9.426	10.144	7.765
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0400	MEAN	1021.3	1019.0	1014.9	1015.5	1014.5	1014.4	1014.8	1014.3	1016.0	1018.2	1017.7	1021.0	1016.8
	SD	10.006	9.452	7.833	6.873	5.255	4.565	3.815	3.949	5.925	6.987	9.570	10.031	7.766
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	1021.5	1019.5	1015.7	1016.4	1015.3	1015.2	1015.8	1015.4	1017.1	1019.1	1018.1	1021.2	1017.5
	SD	10.079	9.526	8.000	7.003	5.268	4.637	3.813	3.909	6.042	7.092	9.713	9.902	7.748
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	1022.3	1020.1	1016.1	1016.5	1015.4	1015.3	1016.0	1015.6	1017.2	1019.4	1018.7	1022.1	1017.9
	SD	9.928	9.462	8.056	6.946	5.175	4.590	3.814	3.869	6.010	7.040	9.789	9.836	7.785
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	1021.1	1019.4	1015.3	1015.6	1014.7	1014.7	1015.2	1014.7	1016.2	1018.3	1017.9	1021.1	1017.0
	SD	9.781	9.297	7.842	6.864	5.058	4.507	3.766	3.783	5.865	6.792	9.681	9.759	7.635
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	1020.9	1018.9	1014.7	1014.8	1013.9	1013.8	1014.1	1013.5	1015.3	1017.7	1017.8	1021.1	1016.4
	SD	9.621	9.135	7.607	6.647	5.014	4.509	3.748	3.749	5.770	6.666	9.18	9.833	7.643
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
1900	MEAN	1021.1	1019.2	1014.9	1014.6	1013.6	1013.3	1013.6	1013.2	1015.5	1018.1	1018.1	1021.2	1016.4
	SD	9.586	9.127	7.459	6.557	5.048	4.486	3.698	3.792	5.813	6.735	9.482	10.102	7.731
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
2200	MEAN	1021.2	1019.2	1015.1	1015.0	1014.0	1013.9	1014.2	1013.7	1015.7	1018.2	1018.0	1021.3	1016.6
	SD	9.787	9.229	7.490	6.580	5.211	4.452	3.736	3.915	5.881	6.785	9.500	10.206	7.731
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
ALL HOURS	MEAN	1021.3	1019.3	1015.2	1015.5	1014.4	1014.3	1014.7	1014.3	1016.1	1018.4	1018.0	1021.2	1016.9
	SD	9.858	9.338	7.758	6.812	5.192	4.575	3.852	3.951	5.938	6.892	9.590	9.983	7.743
	TOT OBS	2480	2264	2480	2400	2480	2400	2480	2480	2397	2480	2400	2480	29221

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: OCT 79 - SEP 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	27.49	27.45	27.36	27.39	27.38	27.39	27.41	27.40	27.43	27.48	27.43	27.49	27.43
	SD	.261	.245	.205	.179	.138	.115	.100	.104	.156	.183	.246	.260	.196
	TOT OBS	310	283	310	300	313	300	307	310	300	310	300	310	3653
0400	MEAN	27.50	27.45	27.36	27.40	27.39	27.40	27.42	27.41	27.44	27.47	27.42	27.49	27.43
	SD	.261	.246	.210	.182	.138	.118	.101	.104	.156	.187	.250	.258	.197
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0700	MEAN	27.50	27.46	27.38	27.42	27.41	27.42	27.45	27.44	27.46	27.49	27.43	27.49	27.44
	SD	.261	.248	.213	.185	.139	.122	.103	.104	.160	.189	.253	.253	.197
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1000	MEAN	27.52	27.48	27.39	27.42	27.41	27.42	27.46	27.45	27.47	27.50	27.45	27.52	27.46
	SD	.259	.246	.216	.185	.138	.121	.103	.102	.160	.188	.256	.252	.198
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1300	MEAN	27.49	27.46	27.37	27.40	27.39	27.41	27.44	27.42	27.44	27.48	27.43	27.49	27.44
	SD	.255	.242	.211	.182	.133	.118	.101	.100	.156	.182	.253	.249	.194
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1600	MEAN	27.49	27.45	27.35	27.38	27.37	27.38	27.41	27.39	27.42	27.46	27.42	27.49	27.42
	SD	.249	.238	.204	.176	.132	.117	.100	.099	.153	.178	.248	.252	.193
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
1900	MEAN	27.49	27.45	27.36	27.37	27.36	27.37	27.39	27.38	27.42	27.46	27.43	27.49	27.41
	SD	.250	.237	.200	.174	.132	.117	.098	.100	.153	.179	.247	.259	.193
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
2200	MEAN	27.49	27.45	27.36	27.38	27.37	27.39	27.41	27.40	27.43	27.47	27.43	27.49	27.42
	SD	.255	.240	.201	.174	.137	.116	.099	.104	.156	.180	.247	.262	.194
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	310	3652
ALL HOURS	MEAN	27.50	27.45	27.37	27.40	27.38	27.40	27.42	27.41	27.44	27.48	27.43	27.49	27.43
	SD	.257	.243	.208	.181	.137	.119	.103	.105	.157	.184	.250	.256	.196
	TOT OBS	2480	2264	2480	2400	2483	2400	2477	2480	2397	2480	2400	2480	29221

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRR	TT	GG
PPPPPPPP	AAAAAAAA	RRRRRRR	TT	GG GGG
PP	AAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFP WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.7	.4		930	1.8	.2		930	1.8	.2		930	1.7			930
CATEGORY B	2.8	.7		1089	2.6	.7		1110	3.2	.6		1165	2.8	.7		1134

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.3			930	1.1			930	1.1			930	1.4	.1		930
CATEGORY B	2.6	.2		1082	2.1	.2		1071	1.8	.1		1056	1.9	.5		1083

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.4	.0		4650	1.5	.1		7440
CATEGORY B	2.5	.4		5508	2.5	.5		8790

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.9			930	.5			930	.4			930	2.3	.3		930
CATEGORY B	1.5	.2		1033	.8	.1		1063	.5			1139	3.0	.6		1089

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.4		930	2.2	.4		930	.9	.2		930	.5			930
CATEGORY B	6.2	1.5	.1	1058	4.7	1.3	.1	1024	1.2	.3	.1	972	1.6	.9		1010

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.3		4650	1.3	.2		7440
CATEGORY B	3.1	.7	.1	5282	2.4	.6	.0	8388

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.1			916				923	.2			930	1.0	.1		930
CATEGORY B	.7	.1		949	.7			996	.4			973	2.6	.2	.1	970

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.4	.2		930	2.3	.4		930	.3	.2		922	.5			914
CATEGORY B	5.0	1.0		984	4.6	1.3	.1	996	.9	.2		962	1.6	.5		947

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2	.2		4642	.9	.1		7395
CATEGORY B	2.7	.6	.0	4885	2.1	.4	.0	7777

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				868				899				930	.4	.1		930
CATEGORY B	.3	.1		878	.4			926	.7	.1		962	.7	.3		951

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.2		930	1.2			930	.4			902	.1			873
CATEGORY B	2.9	.7	.1	953	3.4	.5		953	1.0	.2		921	.2			889

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7	.1		4622	.5	.0		7262
CATEGORY B	1.8	.4	.0	4740	1.2	.3	.0	7433

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100				
	SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				900				900	.1			900					900
CATEGORY B	.6			925	.4	.4		939	.2	.1		945		.3			932

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300				
	SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			900	.4	.1		898	.6	.1		897		.2			897
CATEGORY B	2.5	.2		949	1.8	.2		926	1.1	.4		918		.8	.2		915

TIME (LST)	0600 - 2000				ALL HOURS				
	SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A		.3	.0		4495	.2	.0		7192
CATEGORY B		1.2	.2		4670	1.0	.2		7449

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			900	1.3	.2		900	1.7	.2		900	2.7	.2		900
CATEGORY B	1.6			996	2.2	.6		1029	3.3	.9		1110	3.8	1.0	.1	1067

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.8	.1		900	1.6	.1		900	.6	.1		900	.7			900
CATEGORY B	5.5	2.0		1034	3.8	.6		995	1.7	.4		976	2.0	.4		997

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.8	.2		4500	1.4	.1		7200
CATEGORY B	3.7	1.0	.0	5182	3.0	.8	.0	8204

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 068-248

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

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

CATEGORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100				
	SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A		.6	.1		10823	.6	.1		10891	.7	.1		10959	1.3	.2		10959
CATEGORY B		1.2	.2	.0	11560	1.1	.3	.0	11857	1.3	.3	.0	12300	2.3	.5	.0	12079

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300				
	SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A		1.6	.2		10959	1.3	.2		10957	.7	.1		10891	.6	.1		10823
CATEGORY B		3.6	.8	.1	11946	3.0	.7	.1	11762	1.4	.4	.0	11520	1.3	.4		11520

TIME (LST)	0600 - 2000				ALL HOURS				
	SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A		1.1	.1		54725	.9	.1		87262
CATEGORY B		2.3	.5	.0	59607	1.9	.4	.0	94544

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRR	TT	HHHHHHHHH	
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	HHHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
LST TO UTC: + 8

PERIOD OF RECORD: JAN 45 - SEP 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1945	1071	858	873	630	263	170	13	26	268	425	900	1115	6612
1946	1096	878	765	529	215	179	18	22	209	644	926	1028	6509
1947	1266	814	682	501	169	151	17	****	185	477	912	1050	6224
1948	1142	1022	876	****	397	74	****	46	232	544	890	1346	6569
1949	1715	1085	827	468	230	130	45	40	153	630	710	1119	7152
1950	1717	994	914	636	389	165	33	10	148	566	857	967	7396
1951	1188	919	959	503	328	137	26	61	164	594	875	1311	7065
1952	1283	991	860	450	251	136	20	36	99	314	941	1082	6463
1953	846	821	757	580	372	226	10	43	136	413	732	968	5904
1954	1160	878	881	642	301	252	52	83	230	573	689	1067	6808
1955	1175	1032	1054	726	484	142	104	17	238	551	1102	1175	7800
1956	1108	1231	897	460	259	203	22	72	152	580	955	1047	6986
1957	1526	1011	845	516	199	145	43	43	82	596	861	926	6793
1958	1013	696	808	594	151	73	6	17	233	454	876	1015	5936
1959	1132	971	799	527	457	136	49	88	299	575	981	1072	7086
1960	1295	969	838	582	451	137	9	129	145	489	859	1158	7061
1961	1050	783	783	605	371	92	6	5	314	648	1008	1184	6849
1962	1268	892	937	495	461	179	90	74	161	534	803	954	648
1963	1376	783	779	619	328	168	55	46	93	456	818	1171	6692
1964	1111	1022	910	652	394	150	31	103	254	490	969	1247	7333
1965	1131	928	942	553	407	129	42	69	313	353	756	1026	6649
1966	1068	863	784	537	277	177	37	40	78	501	771	940	6073
1967	947	808	886	675	373	73	7	2	59	477	823	1097	6227
1968	1084	737	666	622	324	129	19	83	174	567	855	1189	6449
1969	1439	1018	854	541	216	75	32	35	168	602	795	1036	6811
1970	1123	761	793	649	266	87	12	3	277	550	813	1096	6430

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
 FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 727855

STATION NAME: FAIRCHILD AFB WA
 LST TO UTC: + 8

PERIOD OF RECORD: JAN 45 - SEP 89

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1945					6	46	230	195	25				502
1946				2		27	164	147	19				359
1947					29	18	178	****	25				250
1948				****	12	70	****	41	30				153
1949					39	35	137	134	53				398
1950						42	150	157	52				401
1951					1	23	200	160	21				405
1952				3		28	192	152	66				441
1953					2	4	155	145	63				369
1954					9	6	115	53	9				192
1955						66	139	124	76				405
1956					44	10	231	155	25				465
1957				2	16	48	108	56	49				279
1958					77	102	248	263	36				726
1959						33	229	62	18				342
1960						20	266	90	19				395
1961					3	107	187	232					529
1962						30	157	77	38				302
1963					8	49	59	153	87				356
1964					6	14	153	60	2				235
1965						18	182	140					340
1966					22	11	125	155	60				373
1967					2	73	218	328	106				727
1968					3	38	247	110	25				423
1969					9	128	148	140	57				482
1970					6	179	275	212	3	1			676

A W S	STATION NAME: FAIRCHILD AFB WA	FIELD ELEV: 2462 FT
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 47 37 N 117 39 W	STATION MSC: 727855
	HOURLY OBS POR: OCT 79 - SEP 89	CALL SIGN: KSKA
	SUMMARY OF DAY POR: APR 40 - JUL 42, NOV 43 - SEP 89	
APR 90	HOURS SUMMARIZED: 0000 - 2300 LST	SUPERSEDES: SEP 85
	LST TO UTC: +08	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	59	62	70	88	93	97	104	104	97	84	68	58	104	49
MEAN MAX TEMP (F)	31	38	46	56	65	72	82	80	71	58	41	33	56	49
MEAN TEMP (F)	26	32	38	46	55	62	69	68	59	48	35	29	48	49
MEAN MIN TEMP (F)	21	26	30	36	44	51	56	56	48	39	30	24	39	49
EXTRM MIN TEMP (F)	-21	-18	-3	22	27	35	31	35	26	15	-12	-18	-21	49
D/W TEMP GE 90 (F)	0	0	0	0	1	1	7	5	1	0	0	0	15	49
D/W TEMP GE 80 (F)	0	0	0	1	2	7	19	17	6	1	0	0	53	49
D/W TEMP LT 33 (F)	27	23	20	8	1	0	#	0	1	5	19	26	130	49
D/W TEMP LT 10 (F)	5	1	1	0	0	0	0	0	0	0	1	2	10	49
HEATING DEGREE DAYS	1192	915	822	563	333	144	36	44	193	518	877	1112	6749	45
COOLING DEGREE DAYS	0	0	0	#	10	49	174	148	32	#	0	0	413	45
MEAN DEWPOINT TEMP (F)	23	26	31	33	39	45	46	45	40	36	30	23	35	10
MEAN WET BULB TEMP (F)	26	30	36	41	47	53	56	55	49	42	33	26	41	10
99.95% WCPA (FT)	3050	3050	3000	2900	2800	2700	2650	2650	2800	2850	3100	3050	2900	10
MEAN REL HUM 07 LST(%)	82.9	82.1	81.5	70.8	70.6	68.5	61.8	60.4	69.6	77.1	86.5	83.9	74.6	10
MEAN REL HUM 13 LST(%)	78.2	72.0	61.1	47.8	46.8	44.9	36.2	33.3	40.5	52.3	77.4	80.3	55.8	10
MAX 24HR PRECIP (IN)	.97	1.20	1.75	1.13	1.68	1.41	1.06	1.48	.90	.96	1.23	1.15	1.75	47
MAX PRECIP (IN)	5.26	3.56	3.64	3.12	5.95	2.49	2.29	2.92	2.16	6.47	6.52	4.56	21.33	47
MEAN PRECIP (IN)	2.03	1.46	1.44	1.04	1.29	1.04	.49	.68	.79	1.14	2.13	2.19	15.81	47
MIN PRECIP (IN)	.41	.19	.12	.03	.13	.01	#	.00	#	#	.28	.56	9.97	47
D/W PRECIP GE .01 (IN)	13	11	11	8	8	7	4	4	5	8	12	14	105	47
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	1	1	1	1	1	12	47
MAX 24HR SNFL (IN)	7.8	8.8	5.4	2.7	1.3	#	#	0	#	4.8	8.0	10.8	10.8	43
MAX SNFL (IN)	50.7	31.6	11.4	6.3	1.3	#	#	0	#	5.0	25.2	36.6	93.3	43
MEAN SNFL (IN)	14.8	7.0	3.1	.6	.1	#	#	0	#	.4	6.3	13.8	46.0	43
D/W SNFL GE .1 (IN)	10	6	4	1	#	0	0	0	0	1	4	9	35	43
D/W SNFL GE 1.5 (IN)	4	2	1	#	0	0	0	0	0	#	1	4	12	43
MAX DLY SNO DEPTH (IN)	41	45	11	3	0	0	0	0	0	5	15	28	45	43
PRVLNG WND DIR (DEG)	\$05-07	\$05-07	20-22	20-22	20-22	20-22	\$20-22	\$20-22	\$20-22	\$05-07	20-22	\$02-04	\$20-22	10
MEAN WND SPD (KTS)	5	6	6	6	5	5	4	4	5	4	6	5	5	10
MAX WND SPD (KTS)	64	57	67	50	56	59	49	46	43	54	62	55	67	44
SKY COVER GT 5/10 (%)	78.0	73.9	65.0	60.9	61.0	53.8	34.0	33.3	40.0	49.5	73.0	79.3	58.7	10
D/W THUNDERSTORMS	0	#	1	1	1	3	2	2	1	1	#	0	12	40
D/W FOG (VSBY LT 7 MI)	20	15	9	4	4	2	1	1	3	9	18	22	108	40

LEGEND: ANN = ANNUAL
 D/W = MEAN NUMBER OF DAYS WITH
 & = BASED ON LESS THAN FULL MONTHS
 ** = INSTANTANEOUS PEAK WINDS
 * = DATA NOT AVAILABLE
 POR/YOR = PERIOD/YEARS OF RECORD
 WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
 # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
 \$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

DISTRIBURTION

3WW/DN, Offutt AFB, NE 68113-5000	1
9WS/DON, March AFB, CA 92518-5000	1
Det 3, 9WS, Fairchild AFB, WA 99011-5000	1
USAFETAC/LDD, Scott AFB, IL 62225-5438	1
OL-A, USAFETAC, Federal Building, Asheville, NC 28801-2723	1
DTIC-FDAC, Cameron Station, Alexandria, VA 22304-6145	10