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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

MCCHORD AFB WASHINGTON

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OL-A, USAFETAC
ASHEVILLE, NORTH CAROLINA
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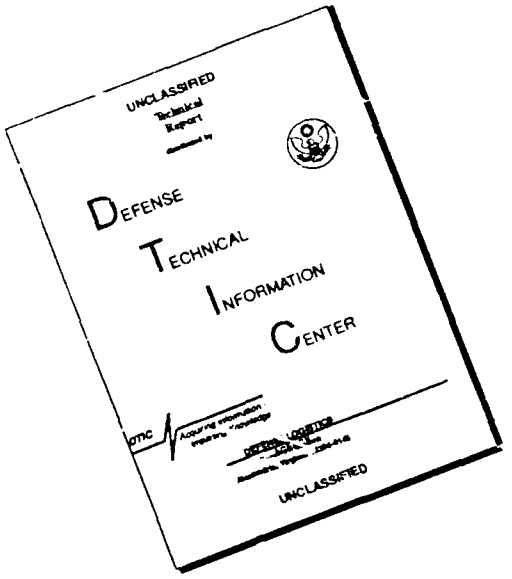
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FOR THE COMMANDER

WALTER G. BURGMANN
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USAF, CIVILIAN, AND FOREIGN OBSERVING STATIONS. HOURLY OBSE
A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) IN
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IC SUMMARIES (SOCS) FOR MCCHORD AFB, WASHINGTON

1988

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1 JULY 1989, THIS PRODUCT REPLACED TWO USAFETAC
UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS
ATIONS CLIMATIC SUMMARY (USOCS). EXISTING
WILL EVENTUALLY BE REPLACED BY A SOCS.

2

OROLOGICAL DATA, ATMOSPHERIC PHENOMENA,
TH, HUMIDITY, PRESSURE, PRECIPITATION,
C), MCCHORD AFB, WASHINGTON.

MATIC SUMMARIES (SOCS) PROVIDE STATISTICAL
BSERVATIONS TAKEN AND RECORDED AT SPECIFIED
TATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM
ARY OF DAY" (SOD) INFORMATION IS SUMMARIZED
MATIC DATABASE. Keywords:

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ANN B.GIBBS,JR

697-8358 22C. OFFICE SYMBOL: OL-A/CA, USAFETAC

I

B

PREFACE

TIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (SOCS)
CED TWO OTHER USAFETAC PRODUCTS OF LONG STANDING: THE RUSSWO (REVISED
M SUMMARY OF SURFACE WEATHER OBSERVATIONS) AND LISOCS (LIMITED SURFACE
VATION CLIMATIC SUMMARY). RUSSWOS AND LISOCS NOW IN EXISIENCE WILL CON-
TO BE USED UNTIL THEY ARE EVENTUALLY REPLACED BY SOCS.

PRODUCT HAS BEEN ISSUED IN OTHER FORMS UNDER SEVERAL OTHER NAMES. IT
NTRODUCED IN THE EARLY 1940'S AS THE "SFCSUM," OR "SURFACE SUMMARY." THE
NAL "USSWO," OR "UNIFORM SUMMARY OF SURFACE WEATHER OBSERVATIONS," DEBUTED
45. THE USSWO GRADUALLY EVOLVED INTO THE "RUSSWO" AND THE "LISOCS." IT
LY BECAME THE NEW "SURFACE OBSERVATION CLIMATIC SUMMARY" OR "SOCS" IN
1988.

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

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

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUN 78 - MAY 88 (AIRWAYS)

SUMMARY OF DAY DATA: AUG 40 - MAY 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

DATA SOURCES. THESE SUMMARIES ARE COMPILED FROM "HOURL
OR SUMMARY OF DAY DATA." DEPENDING ON THE PHENOMENA
SUMMARIZED. THE TWO SOURCES ARE DEFINED IN "TERMS

TERMS EXPLAINED:

BIVARIATE DISTRIBUTION: A BIVARIAT DISTRIBUTION O
TRIBUTIONS OF TWO RELATED VARIABLES. AN EXAMPLE
TRIBUTION OF CEILING AND VISIBILITIES IN PART D.
MAY BE A BIVARIATE DISTRIBUTION IS A FREQUENCY
QUENCIES ARE FOUND AT THE ROW-COLUMN INTERSECTI

HOURLY OBSERVATIONS: ALL RECORD OF RECORD-SPECIAL
FORMS 10/10A (OR EQUIVALENT) AT SCHEDULED HOURLY

SUMMARY OF DAY (SOD) DATA: DATA COMPILED FROM ALL
SOURCES, INCLUDING HOURLY OBSERVATIONS, SPECIAL
ACTUAL "SUMMARY OF DAY" DATA RECORDED IN COLUMNS
(OR EQUIVALENT) FOR ANY GIVEN DAY.

MEAN: THE SUM OF ALL THE VALUES DIVIDED BY THE NUM

MEASURABLE AMOUNT: ANY PRECIPITATION OR SNOWFALL A
TRACE.

MEDIAN: THE MIDDLE VALUE WHEN THE VALUES ARE IN ASC
NUMBER OF VALUES IS EVEN, THE MEDIAN IS HALFWAY
VALUES.

PERCENT OCCURRENCE FREQUENCY (POF): IN STATISTICS,
BER OF TIMES A GIVEN COUNT OR EVENT OCCURS. IN
AS THE PERCENT OCCURRENCE FREQUENCY (POF), WHERE
OCCURRENCES) IS GIVEN AS A PERCENT OF ALL POSSIBL
SAMPLE (PERIOD SUMMARIZED). FOR EXAMPLE, IF SNO
WE COULD EXPRESS THE "PERCENT OCCURRENCE FREQUENC
OVER THE 100-DAY PERIOD. MAY BE USED INTERCHANGE
OF OCCURRENCE."

PERIOD OF RECORD: THE SIZE OF THE OBSERVATIONAL DAT

ICTION

- MAY 88 (AIRWAYS)

- MAY 88 (FULL TIME).

HROUGH 2300 LST.

COMPILED FROM "HOURLY OBSERVATIONS" AND/
ING ON THE PHENOMENA OR OCCURRENCE BEING
E DEFINED IN "TERMS EXPLAINED."

RIATE DISTRIBUTION GIVES THE JOINT DIS-
RIABLES. AN EXAMPLE IS THE BIVARIATE DIS-
BILITIES IN PART D. EACH ROW AND EACH COL-
UMN IS A FREQUENCY DISTRIBUTION. JOINT FREQ-
N-COLUMN INTERSECTIONS.

D OR RECORD-SPECIAL OBSERVATIONS ON AWS
AT SCHEDULED HOURLY INTERVALS.

A COMPILED FROM ALL AVAILABLE OBSERVATIONAL
SERVATIONS, SPECIAL OBSERVATIONS, REMARKS, AND
RECORDED IN COLUMNS 44-73 OF AWS FORMS 10/10A
N DAY.

S DIVIDED BY THE NUMBER OF VALUES.

TATION OR SNOWFALL AMOUNT GREATER THAN A

THE VALUES ARE IN ASCENDING ORDER. IF THE
E MEDIAN IS HALFWAY BETWEEN THE TWO MIDDLE

DF): IN STATISTICS, FREQUENCY IS THE NUM-
OR EVENT OCCURS. IN THE SOCS, THIS IS EXPRESSED
REQUENCY (PDF), WHERE THE FREQUENCY (NUMBER OF
ERCENT OF ALL POSSIBLE OCCURRENCES IN THE
FOR EXAMPLE, IF SNOW FELL ON 5 OUT OF 100 DAYS
T OCCURRENCE FREQUENCY" OF SNOW AS 5 PERCENT
AY BE USED INTERCHANGEABLY WITH "PERCENT FREQUENCY

THE OBSERVATIONAL DATA SAMPLE, IN YEARS.

PRECIPITATION: A TERM THAT INCLUDES BOTH LIQUID PRE
EQUIVALENT.

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

TIME CONVENTIONS: ALL TIMES IN THE SOCS ARE EXPRESS
(LST). USERS SHOULD MAKE ADJUSTMENTS FOR DAYLIGH
IN SUMMARIES THAT SHOW DIURNAL VARIATIONS. THE DA
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
ANN	ANNUAL	M
BARO	BAROMETER	MB
C	CENTIGRADE (CELSIUS)	MPS
DEG	DEGREE	MSL
DB	DRY BULB TEMPERATURE	MEAS
DP	DEW POINT TEMPERATURE	NAV.
EQ	EQUAL	OBS
F	FAHRENHEIT	OBST
FRZG	FREEZING	POP
FT	FEET	PRECI
GE	GREATER THAN OR EQUAL TO	SD
GMT	GREENWICH MEAN TIME	SOD
GT	GREATER THAN	TEMP
HG	INCHES OF MERCURY	TSTM
HT	HEIGHT	VSBY
KTS	KNOTS	VSN
LE	LESS THAN OR EQUAL TO	WB
LST	LOCAL STANDARD TIME	WEAT
		UTC

SUMMARY DESCRIPTION: A BRIEF DESCRIPTION OF THE DATA F

* UTC REPLACED GMT ON 1 AUGUST 1998

INES BOTH LIQUID PRECIPITATION AND WATER

F DISPERSION ON THE VARIABILITY OF THE
ARITHMETIC MEAN. THE LARGER THE STANDARD
RIABILITY.

THE SOCS ARE EXPRESSED IN LOCAL STANDARD TIME
STATIONS - NO DAYLIGHT SAVING TIMES IN THEIR AREAS.
L VARIATIONS. THE DATA IS SUMMARIZED USING THE
IDDS (ALL LST):

1200-1400
1500-1700
1800-2000
2100-2300

LT	LESS THAN
M	METER
MB	MILLIBAR
MPS	METERS PER SECOND
MSL	MEAN SEA LEVEL
MEAS	MEASURABLE
NO.	NUMBER
OBS	OBSERVATION
OBST	OBSTRUCTION
POF	PERCENT OCCURRENCE FREQUENCY
PRECIP	PRECIPITATION
SD	STANDARD DEVIATION
SOD	SUMMARY OF DAY
TEMP	TEMPERATURE
TSTM	THUNDERSTORM
VSBY	VISIBILITY
VSN	VISION
WB	WET BULB TEMPERATURE
WBAN	AWS FORM 10/10A
UTC	*COORDINATED UNIVERSAL TIME

IPTION OF THE DATA PRECEDES EACH PART IN THE SOCS.

STATION NO. IN SUMMARY	STATION NAME	LATITUDE	LONGITUDE
742060	MCCHORD AFB/TACOMA, WA	N 47 08	W 122 29

STATION LOCATION AND INSTRUMENTATION

NO.	GEOGRAPHICAL LOCATION & NAME	TYPE	LATITUDE		LONGITUDE	
1	MC C /T , WA	A	J	40	N	47 N 47
2	MC C AFB, WA	AFB	D	49	A	53 S
3		S	M	53	F	54 S
4		S	M	54	F	55 S
5		S	M	55	F	52 S
6		S	M	52	S	53 S
7		S	D	53	N	64 S
8		S	D	64	J	72 S
9		S	A	72	J	82 S
10		S	A	82	J	88 N 47

SURFACE WIND EQUIPMENT INFORMATION

NO.	DIR		LOCATION		TYPE OF TRANSMITTER	TYPE RECORD
1	J	40	U		U	U
2	D	49	A D		S	ML-144
3	M	53	A		S	S
4	M	54	A	200'	S	S
5	M	55	A		S	S
6	M	57	700'	, 1000' S 34	AN/GMD-11	RD-2
7	D	64	1. 500' 16	, 1775' S	S	S
			2. 500' 34	, 1100' N	S	
8	J	72	1. S		GMD-20	RD-362
			2. S		S	
9	J	88	162; S		S	S

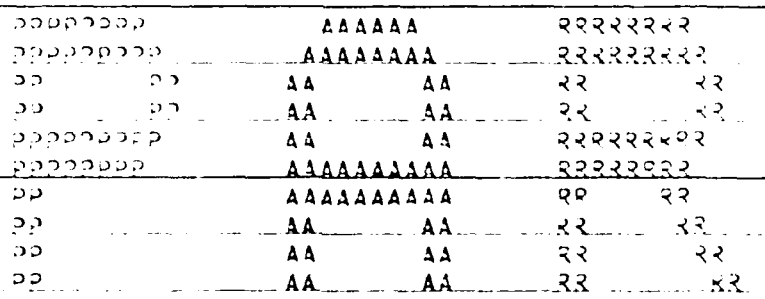
LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
N 47 38	W 122 29	323	KTCM	74206

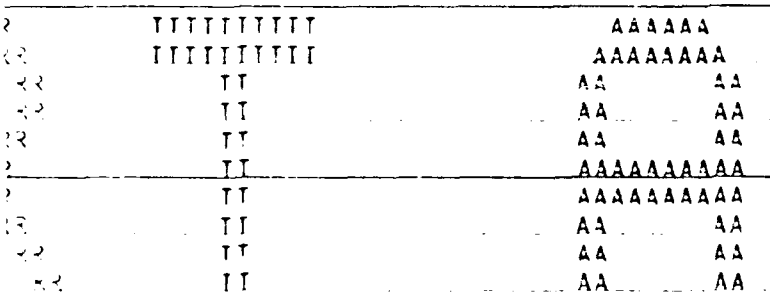
NG INSTRUMENTATION HISTORY

I	LATITUDE	LONGITUDE	E FLD (FT)	A BARO (FT)	MSL	OBS PER DAY
49 N 49	N 47 00	W 122 29	283	286		24
49 A 53	S	S	286	289		24
53 F 54	S	S	320	330		24
54 F 55	S	S	322	332		24
55 F 62	S	S	320	350		24
62 S 63	S	S	322	S		24
63 M 64	S	S	S	379		24
64 J 72	S	S	S	288		24
72 J 82	S	S	S	S		24
82 J 88	N 47 00	S	323	293		24

MATION

TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	U	U	
	ML-144	118	
	S	120	
	S	100	
	S	45	
M/GMD-11	RD-2	13	
	S	S	
		S	
M4-22	RD-362	13	
		S	
	S	S	





PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATE

THUNDERSTORMS: ALL REPORTED OCCURRENCES OF THUNDERSTORMS

LIQUID PRECIPITATION: RAIN OR DRIZZLE FALLING TO THE GR

FREEZING PRECIPITATION: FREEZING RAIN OR FREEZING DRIZZ

FROZEN PRECIPITATION: SNOW, SNOW PELLETS, SLEET, SNOW GR
PELLETS. IN JANUARY 1969, SNOW PELLETS BECAME KNOWN AS

HAIL: ALL OCCURRENCES OF HAIL.

ALL PRECIPITATION: INCLUDES ALL OBSERVATIONS REPORTING
MORE THAN ONE TYPE OF PRECIPITATION MAY BE INCLUDED IN T
THE SUM OF PERCENTAGES IN THE INDIVIDUAL CATEGORIES MAY
IN THIS CATEGORY.

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

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

BLOWING SNOW: ALL REPORTS OF BLOWING SNOW, INCLUDING DR

DUST AND/OR SAND: DUST, SAND, BLOWING DUST, BLOWING SAN

BLOWING SPRAY: THE "ALL OBSTRUCTIONS TO VISION" CATEGOR
SPRAY, IF AND AS REPORTED.

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY (POF)
SHOWN. THE DATA WAS TAKEN FROM HOURLY OBSERVATIONS ONLY.
FOLLOWS:

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

IT A

OMENA SUMMARIES

ERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

ENCES OF THUNDERSTORMS, TORNADOES, AND WATERSPOUTS.

LE FALLING TO THE GROUND BUT NOT FREEZING.

AIN OR FREEZING DRIZZLE (GLAZE).

ELLETS, SLEET, SNOW GRAINS, ICE CRYSTALS, ICE
LETS BECAME KNOWN AS SMALL HAIL.

SERVATIONS REPORTING PRECIPITATION. BECAUSE
MAY BE INCLUDED IN THE SAME OBSERVATION.
IDUAL CATEGORIES MAY EXCEED THE PERCENTAGES

E FOG, AND GROUND FOG.

COMBINATIONS OF THE TWO.

NG SNOW, INCLUDING DRIFTING SNOW, WHEN REPORTED.

ING DUST, BLOWING SAND, OR COMBINATIONS OF THESE.

NS TO VISION" CATEGORY ACCOUNTS FOR BLOWING

ATEGORY INCLUDES ALL REPORTS OF OBSTRUCTIONS
MORE THAN ONE OBSTRUCTION TO VISION MAY BE
THE SUM OF THE PERCENTAGES IN THE INDIVIDUAL
ES IN THIS CATEGORY.

E FREQUENCY.
RENCE FREQUENCY (PDF) FOR THE ATMOSPHERIC PHENOMENA
RLY OBSERVATIONS ONLY, AND IS SUMMARIZED AS

PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

URS COMBINED).

RS COMBINED).

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).
THIS TABLE IS THE ONLY ONE IN PART A THAT IS PRODUCED FR
DATA. DATA IS SUMMARIZED MONTHLY AND ANNUALLY FOR ALL

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.
THIS TABLE GIVES THE PERCENT OCCURRENCE FREQUENCY OF TH
THE HOURLY OBSERVATION. DATA IS SUMMARIZED SAME AS FO

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE
THESE TABLES INCLUDE SUMMARY OF MONTH FOR ALL HOURS AN
DIRECTION CATEGORIES ARE AS SPECIFIED BY THE LOCAL WEAT

NOTE 1: REPORTING PRACTICES HAVE CHANGED WITH TIME. METAR
RECORD (ON AWS FORMS 10/10A) AND TRANSMIT CODEDLINE ONLY
PHERIC PHENOMENA THAT AFFECTS VISIBILITY. METAR STATIO
JANUARY 1968, BUT SYNOPTIC STATIONS ALWAYS DID IT THAT W
STATIONS STARTED RECORDING ALL ATMOSPHERIC PHENOMENA T
CONTINUED TO TRANSMIT ONLY THE HIGHEST ORDER. FOR EXAM
EPVATION INCLUDED RAIN, FOG AND HAZE, ONLY THE RAIN WAS
THESE PROCEDURES, THE USAFETAC DATABASE WOULD SHOW ONLY
THEREFORE, THE OBSTRUCTION TO VISION (AND TO A LESSER E
SUMMARIES FOR METAR AND SYNOPTIC STATIONS ARE HIGHLY DOU

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

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

E FREQUENCY (POF).
A THAT IS PRODUCED FROM SUMMARY OF DAY
ND ANNUALLY FOR ALL YEARS COMBINED.

JENCY.
NCE FREQUENCY OF THUNDERSTORMS REPORTED ON
MARIZED SAME AS FOR FIRST TABLE IN THIS PART.

PERCENT OCCURRENCE FREQUENCY.
IN FOR ALL HOURS AND YEARS COMBINED. WIND
ED BY THE LOCAL WEATHER STATION.

GED WITH TIME. METAR AND SYNOPTIC REPORTING STATIONS
ANSMIT LONGLINE ONLY THE HIGHEST ORDER ATMOS-
ILITY. METAR STATIONS STARTED THIS PROCEDURE IN
ALWAYS DID IT THAT WAY. IN JANUARY 1970, METAR
SPHERIC PHENOMENA THAT AFFECTED VISIBILITY, BUT
EST ORDER. FOR EXAMPLE, IF THE RECORDED OBS-
E, ONLY THE RAIN WAS TRANSMITTED. BECAUSE OF
BASE WOULD SHOW ONLY RAIN AS AN OBSTRUCTION.
N (AND TO A LESSER EXTENT, PRECIPITATION)
ATIONS ARE HIGHLY QUESTIONABLE.

ONS FREQUENTLY DO NOT TRANSMIT OBSTRUCTIONS TO
0 METERS.

Y REPRESENTS ONE OR MORE OCCURRENCES THAT, IN
PERCENT.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO
00-02		21.6		1.8		23.4	39.5	7.1	
03-05		21.6		1.9		23.5	40.6	5.3	
06-08		22.0		2.0		24.1	33.2	3.2	
09-11		18.5	.1	2.4		21.0	37.5	3.4	
12-14		17.8		2.2		20.0	25.1	3.1	
15-17		19.8		1.3		21.1	20.4	1.9	
18-20		21.2		2.0		23.2	26.1	4.2	
21-23	.1	19.6		1.7		20.3	34.5	5.7	
ALL HOURS	.0	20.1	.0	1.9		22.1	32.9	4.8	

HOURS	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO
00-02		22.6		1.5		24.1	31.3	4.7	
03-05		23.1	.1	2.2		25.4	30.9	3.4	
06-08		25.0	.2	3.4		28.6	31.4	1.5	
09-11		22.7		2.7		25.4	29.9	4.4	
12-14		22.3		1.8	.1	24.1	14.3	3.2	
15-17	.1	24.7		1.5		26.3	10.5	2.1	
18-20	.4	23.7		2.1		25.8	12.8	1.5	
21-23		23.2		2.0		25.2	23.2	5.4	
ALL HOURS	.1	23.4	.0	2.2	.0	25.6	23.0	3.3	

A

OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
URLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
39.5	7.1			70.0	930
40.6	5.3			69.5	930
33.2	3.2			66.6	930
37.6	3.4			62.0	930
25.1	3.1			48.2	930
20.4	4.3			46.5	930
26.1	4.8			54.2	930
34.3	5.7	.1		61.6	930
32.9	4.8	.0		59.8	7440

MONTH: FEB

31.3	4.7			60.2	849
30.9	3.4		.1	59.8	849
31.4	1.5		.1	51.7	849
29.9	4.4			59.7	849
14.3	3.2			41.6	849
10.5	2.1			38.9	849
12.8	1.5			40.2	849
23.2	5.4			53.9	849
23.0	3.3		.0	52.0	6792

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIO
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	FOG	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HAZ
00-02		18.4				18.4	15.7	2.0
03-05		21.6		.4		22.0	23.1	2.7
06-08		20.9		.3		21.2	24.2	1.8
09-11		18.2		.3		18.5	15.8	1.9
12-14	.1	19.2		.2	.1	19.6	5.5	.3
15-17	.2	19.1		.2		19.4	4.5	
18-20	.2	18.6		.2	.1	18.9	5.3	
21-23		18.5				18.5	5.8	1.0
ALL HOURS	.1	19.3		.2	.0	19.6	12.5	1.2

HOURS (LST)	FOG	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE HAZ
00-02	.3	14.1				14.1	5.1	1.0
03-05		17.9				17.9	11.4	1.9
06-08		14.8				14.8	13.4	1.1
09-11		15.1				15.1	4.0	.3
12-14	.1	14.9		.2		15.1	1.7	.3
15-17		14.8				14.8	1.3	.1
18-20	.1	16.3		.1	.1	16.6	1.6	.3
21-23	.3	15.8				15.8	2.3	.4
ALL HOURS	.1	15.5		.0	.0	15.5	5.1	.6

A

HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
DAILY OBSERVATIONS

STATION PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

FOG	SMOKE S/DR HAZE	BLOWING SNOW	DUST S/DR SAND	ALL OBST IN VSN	TOTAL NO. OF OBS
13.7	2.0			36.1	930
23.1	2.7			47.3	930
14.2	1.9			47.3	930
12.8	1.9			36.2	930
9.5	.3			25.4	930
9.5				24.0	930
9.3				24.2	930
9.3	1.0			25.4	930
12.5	1.2			33.3	7440

MONTH: APR

5.1	1.0		20.2	900
11.4	1.0		30.3	900
13.4	1.1		29.3	900
4.0	.3		19.4	900
1.7	.3		17.1	900
1.3	.1		16.2	900
1.6	.3		18.4	900
2.3	.4		18.6	900
5.1	.6		21.2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MO

HOURS (LST)	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02		10.5				10.5	1.6		
03-05		12.2				12.2	5.1	.1	
06-08		13.2				13.2	5.7		
09-11		11.5				11.5	3.9	.1	
12-14		13.1				13.1	2.8		
15-17	.2	14.3			.1	14.4	2.0		
18-20	.2	13.8				13.8	1.7	.1	
21-23	.2	10.8				10.8	.9		
ALL HOURS	.1	12.4			.0	12.4	3.1	.0	

00-02		9.4				9.4	3.3	.3	
03-05		9.1				9.1	4.9	.2	
06-08	.2	10.9				10.9	6.7	.6	
09-11		9.6				9.6	4.1	.6	
12-14	.1	9.7				9.7	2.7	.3	
15-17	.3	10.0				10.0	1.9		
18-20	.1	7.4				7.4	1.8	.2	
21-23		6.9				6.9	2.7	.3	
ALL HOURS	.1	9.1				9.1	3.5	.3	

A

Y OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSBY	TOTAL NO. OF OBS
1.6				12.2	930
5.1	.1			17.3	930
5.7				19.9	930
3.9	.1			15.5	930
2.8			.2	16.1	930
2.0			.2	16.7	928
1.7	.1		.2	15.9	927
.9				11.7	927
3.1	.0		.1	15.6	7432

MONTH: JUN

3.3	.3			13.1	900
4.9	.2			14.2	900
6.7	.6			18.1	900
4.1	.5			14.2	900
2.7	.3			12.7	900
1.9			.2	12.1	900
1.8	.2		.3	9.8	900
2.7	.3			9.9	900
3.5	.3		.1	13.0	7200

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF HOURS WITH VARI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: +8 — MO

HOURS (LST)	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02	.1	4.0				4.0	1.7	.2	
03-05	.1	5.0				5.9	6.3	.3	
06-08	.2	5.8				5.8	11.4	.5	
09-11	.2	7.3				7.3	6.1	.9	
12-14	.5	4.3				4.3	1.1	.6	
15-17	.4	3.8				3.8	.8		
18-20	.3	4.3				4.3	.6	.4	
21-23	.2	3.9				3.9	.4	.3	
ALL HOURS	.3	5.0				5.0	3.6	.4	

MO

00-02		3.4				3.4	4.0	.6	
03-05	.2	4.0				4.0	8.0	.8	
06-08	.2	6.3				6.3	17.2	1.3	
09-11	.2	4.4				4.4	10.2	2.0	
12-14	.2	4.8				4.8	2.5	.9	
15-17	.2	4.6				4.6	1.8	.2	
18-20	.5	4.7				4.7	1.2	.4	
21-23		2.9				2.9	2.3	.3	
ALL HOURS	.2	4.4				4.4	6.0	.8	

CY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUL

IP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
	1.7	.2			5.9	930
	5.3	.3			12.6	930
	11.4	.5			18.7	930
	5.1	.9			14.3	930
	1.1	.6			6.0	930
	.8				4.5	930
	.6	.4			5.4	930
	.4	.3			4.6	930
	3.6	.4			9.0	7440

MONTH: AUG

4.0	.6		8.1	930	
8.7	.8	.1	13.8	930	
17.2	1.3	.1	24.9	930	
10.2	2.0		16.7	930	
3.5	.9		8.2	930	
1.8	.2		6.7	930	
1.2	.4		6.3	930	
2.3	.3		5.5	930	
6.0	.8	.0	11.3	7440	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MO

HOURS (LST)	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
00-02		11.2				11.2	12.2	1.4	
03-05	.1	11.8				11.8	18.7	.2	
06-08		11.9				11.9	23.6	1.6	
09-11	.1	10.6				10.6	14.9	2.7	
12-14	.6	10.7				10.7	5.8	1.7	
15-17	.2	11.7				11.7	4.2	2.3	
18-20	.2	9.0				9.0	4.3	2.2	
21-23	.1	8.4				8.4	5.4	1.2	
ALL HOURS	.3	10.7				10.7	12.0	1.7	

MC

00-02		10.5	.1	10.6	37.7	3.0	
03-05		14.4	.3	14.7	43.0	2.6	
06-08		15.4	.1	15.5	44.9	1.0	
09-11		11.5		11.5	34.2	3.7	
12-14	.2	11.7		11.7	15.9	5.3	
15-17	.1	12.9		12.9	8.7	4.2	
18-20		11.2		11.2	13.0	4.5	
21-23		10.4		10.4	27.4	3.8	
ALL HOURS	.0	12.3	.1	12.3	28.1	3.5	

Y OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
12.2	1.4			24.9	900
13.7	.8			31.2	900
23.6	1.6			43.0	900
14.9	2.7			28.1	900
5.8	1.7			18.1	900
4.2	2.3			18.2	900
4.3	2.2			15.5	900
5.4	1.2			16.1	900
12.0	1.7			24.4	7200

MONTH: OCT

37.7	3.0			51.4	930
43.0	2.6			60.3	930
44.9	1.0			61.4	930
34.2	3.7			49.4	930
15.9	5.3			32.9	930
8.7	4.2			25.8	930
13.0	4.5			28.7	930
27.4	3.8			41.6	930
28.1	3.5			43.9	7440

OPERATING LOCATION: AM... PERCENTAGE FREQUENCY OF HOURS WITH VARIOU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742 60 STATION NAME: MCCHORD AFB WASHINGTON PERI
LST I.D. UTC: + 8 MONT

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWI SNO
00-02		21.3		1.2		23.1	36.8	6.6	
03-05		23.7		1.7		25.3	36.7	4.9	
06-08		22.5	.1	1.6		24.2	34.0	3.2	.
09-11	.1	19.1		1.5		20.7	27.0	2.3	.
12-14	.4	23.1		1.1		24.2	16.3	3.3	.
15-17	.1	23.7		.7		24.3	15.6	4.1	.
18-20	.1	23.3		.8		24.1	21.3	5.8	
21-23	.1	21.7		1.0		22.7	30.3	5.1	.
ALL HOURS	.1	22.4	.0	1.2		23.6	27.3	4.5	.

MONT

00-02		21.0	.4	1.4		22.8	39.1	9.9	
03-05	.1	23.7	.4	3.0		27.1	39.5	8.3	
06-08		20.9	.3	2.6		23.8	35.6	4.8	
09-11		22.0		1.7		23.9	33.8	4.3	
12-14		22.0	.1	.9		23.0	24.5	2.7	
15-17		22.3		.5		22.8	21.0	4.2	
18-20		21.8		.8		22.6	27.6	4.8	
21-23	.1	21.8	.1	1.4		23.3	34.5	8.0	
ALL HOURS	.0	21.9	.2	1.5		23.6	32.0	5.9	

A

OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
URLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: NOV

FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
36.8	6.6			66.4	900
35.7	4.9			66.9	900
34.0	3.2	.2		61.7	900
27.0	2.3	.3		50.3	900
16.3	3.3	.3		44.2	900
15.6	4.1	.2		44.2	900
21.3	5.8			51.2	900
30.3	6.1	.1		59.2	900
27.3	4.5	.2		55.5	7200

MONTH: DEC

39.1	9.9			71.8	930
39.6	8.3			74.9	930
35.6	4.8			64.2	930
33.8	4.3			61.8	930
24.5	2.7			50.2	930
21.0	4.2			48.0	930
27.6	4.8			55.1	930
34.5	8.0			65.8	930
32.0	5.9			61.5	7440

OPERATING LOCATION "AM" PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 HO

MONTH	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLO S
JAN	.0	20.1	.0	1.9		22.1	32.9	4.8	
FEB	.1	23.4	.0	2.2	.0	25.6	23.0	3.3	
MAR	.1	19.3		.2	.0	19.6	12.5	1.2	
APR	.1	15.5		.0	.0	15.5	5.1	.6	
MAY	.1	12.4			.0	12.4	3.1	.0	
JUN	.1	7.1				9.1	3.5	.3	
JUL	.3	5.0				5.0	3.6	.4	
AUG	.2	4.4				4.4	6.0	.8	
SEP	.3	10.7				10.7	12.0	1.7	
OCT	.0	12.3		.1		12.3	23.1	3.5	
NOV	.1	22.4	.0	1.2		23.6	27.3	4.6	
DEC	.0	21.9	.2	1.5		23.5	32.0	5.9	
ANNUAL	.1	14.7	.0	.6	.0	15.3	15.7	2.3	

Y OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
HOURS: ALL

IP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL DAST IN VSN	TOTAL NO. OF OBS
	32.9	4.8	.0		59.8	7440
	23.0	3.3		.0	52.0	6792
	12.5	1.2			33.3	7440
	5.1	.6			21.2	7200
	3.1	.0		.1	15.6	7432
	3.5	.3		.1	13.0	7200
	3.6	.4			9.0	7440
	6.0	.8		.0	11.3	7440
	12.0	1.7			24.4	7200
	23.1	3.5			43.9	7440
	27.3	4.5	.2		55.5	7200
	32.0	5.9			61.5	7440
	15.7	2.3	.0	.0	33.3	87664

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF DAYS WITH VARIOUS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

MONTH	ISTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG
JAN	.8	66.4	1.3	20.5	.5	73.8	61.2
FEB	1.0	66.3	.8	11.4	1.2	69.2	57.5
MAR	1.4	65.2	.2	11.2	3.4	67.3	42.5
APR	2.6	59.2		4.0	3.3	59.4	32.3
MAY	2.2	51.3		1.0	2.2	51.3	22.7
JUN	2.3	45.1			.5	45.1	21.5
JUL	2.3	27.8				27.8	21.7
AUG	3.4	31.3			.2	31.3	35.3
SEP	2.7	42.8			.4	42.8	55.3
OCT	1.3	53.8		.5	.5	53.8	55.4
NOV	1.1	58.4	.3	4.1	1.2	70.5	64.4
DEC	.7	71.5	1.1	15.3	.4	75.5	64.5
ANNUAL	1.9	54.2	.3	5.7	1.2	55.7	45.4

DAYS WITH VARIOUS ATMOSPHERIC PHENOMENA
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4901-9805
MONTH: ALL HOURS: ALL

ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
72.8	61.2	33.0	.6		93.1	1240
69.2	57.6	40.3	.2		91.2	1129
57.3	42.5	23.3	.2		85.2	1240
59.4	32.3	21.4			76.4	1200
51.3	22.7	17.7			66.2	1240
43.1	21.5	17.4			59.2	1170
27.8	21.7	17.2			46.9	1209
31.3	35.3	32.9			60.5	1209
42.8	55.2	43.2			80.1	1170
53.8	65.4	48.6			91.6	1209
70.5	64.4	41.4	.3		94.8	1170
75.5	54.9	35.3	.1		94.7	1209
55.7	45.4	32.0	.1		[illegible]	14395

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURREN
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IN UTC: + 8

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG
00-02				.3			.1	
03-05							.1	.2
06-08						.2	.2	.2
09-11							.2	.2
12-14			.1	.1		.1	.5	.2
15-17		.1	.2		.2	.3	.4	.2
18-20		.4	.2	.1	.2	.1	.3	.5
21-23	.1			.3	.2		.2	
ALL HOURS	.0	.1	.1	.1	.1	.1	.3	.2
TOTAL OBS	7440	6792	7440	7200	7432	7200	7440	7440

A

QUENCY OF OCCURRENCE OF THUNDERSTORMS
ROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

	JUL	AUG	SEP	OCT	NOV	DEC
	.1					
	.1	.2	.1			.1
.2	.2	.2				
	.2	.2	.1		.1	
.1	.5	.2	.6	.2	.4	
.3	.4	.2	.9	.1	.1	
.1	.3	.5	.2		.1	
	.2		.1			.1
1	.3	.2	.3	.0	.1	.0
00	7440	7440	7200	7440	7200	7440

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATM
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS					100.0
LIQUID PRECIP	31.8		6.6	38.3	23.3
FREEZING PRECIP	100.0				
FROZEN PRECIP	47.6		17.9	26.2	7.6
FOG	66.3		6.5	18.4	7.7
FOG WITH VIS 5E 1/2 MILES	64.1		7.2	19.9	8.2
TOTAL OBS	3454	0	709	2033	1202

TSTMS					75.0
LIQUID PRECIP	29.4		4.5	37.6	33.8
FREEZING PRECIP			33.3	33.3	33.3
FROZEN PRECIP	23.0		31.8	30.4	14.9
FOG	61.5		7.1	20.1	10.6
FOG WITH VIS 5E 1/2 MILES	53.5		7.9	19.9	11.9
TOTAL OBS	2212	0	815	2124	1580

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
N FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: JAN HOURS: ALL

1 - 191	192 - 280	281 - 310		NO OF OBS
	100.0			1
38.3	23.0	.7		1509
26.2	7.6	.7		145
18.4	7.7	.5		2450
19.9	8.2	.6		1912
2033	1202	42	0	7440

MONTH: FEB HOURS: ALL

	75.0	25.0		4
39.5	33.8	1.2		1597
33.3	33.3			3
30.4	14.9			148
23.1	10.6	.6		1559
19.3	11.2	.8		1314
2124	1580	60	0	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF AIRD
VERSUS WIND DIRECTION FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 349	350 - 191	192 - 230
ISTMS			20.0	40.0	40.0
LIQUID PRECIP	19.3		6.1	43.5	29.3
FREEZING PRECIP					
FROZEN PRECIP	12.8		6.3	18.8	50.0
FOG	54.3		9.5	22.5	8.9
FOG WITH VIS 5/8 1/2 MILES	55.2		10.0	23.5	9.4
TOTAL OBS	2273	0	992	2252	1765

ISTMS	33.3			22.2	44.4
LIQUID PRECIP	13.5		3.2	40.9	41.1
FREEZING PRECIP					
FROZEN PRECIP					100.0
FOG	53.5		3.0	26.1	16.3
FOG WITH VIS 5/8 1/2 MILES	51.6		2.9	27.0	17.4
TOTAL OBS	1759	0	1137	1927	2195

CCURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAR HOURS: ALL

- 131	132 - 280	281 - 310	NO OF OBS
1.0	40.0		5
3.5	23.3	1.7	1439
3.8	50.0	6.3	16
2.5	8.9	.9	926
3.5	9.4	1.0	840
1262	1765	148	0 7440

MONTH: APR HOURS: ALL

2.2	44.4			9
0.9	41.1	1.3		1111
	100.0			3
6.1	16.3	1.1		368
7.0	17.4	1.2		345
927	2195	182	0	7200

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMO
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 131	132 - 280
TSTMS				50.0	50.0
LIQUID PRECIP	17.6		4.0	31.1	42.5
FREEZING PRECIP					
FROZEN PRECIP					
FOG	46.3		5.2	24.5	23.1
FOG WITH VIS GE 1/2 MILES	43.8		5.5	25.6	24.2
TOTAL OBS	1960	0	1190	1459	2441

TSTMS	14.3		14.3		71.4
LIQUID PRECIP	18.5		3.8	31.4	42.6
FREEZING PRECIP					
FROZEN PRECIP					
FOG	28.2		5.2	30.2	33.7
FOG WITH VIS GE 1/2 MILES	28.2		5.2	30.2	33.7
TOTAL OBS	1729	0	1384	1270	2424

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
N FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

- 131	132 - 280	281 - 310		NO OF OBS
50.0	50.0			6
31.1	42.5	4.8		924
24.5	23.1	.9		229
25.6	24.2	.9		219
1459	2441	382	0	7432

MONTH: JUN HOURS: ALL

	71.4			7
31.4	42.6	3.5		659
30.2	33.7	2.8		252
30.2	33.7	2.8		252
1270	2424	393	0	7200

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCES OF AIMOS
USAFETAC, ASHEVILLE NC — VERSUS WIND DIRECTION FROM HOURLY OBSERV

STATION NUMBER: 72060 — STATION NAME: MCCHORD AFB WASHINGTO — P
LST TO UTC: + 8 — M

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS	15.0		5.0	25.0	55.0
LIQUID PRECIP	14.6		3.6	26.2	52.1
FREEZING PRECIP					
FROZEN PRECIP					
FOG	34.7		6.8	13.6	40.9
FOG WITH VIS GE 1/2 MILES	3[illegible]		7.0	14.0	40.1
TOTAL OBS	1[illegible]67	0	1671	946	2541

TSTMS	20.0		6.7	33.3	40.0
LIQUID PRECIP	21.8		5.0	28.7	42.3
FREEZING PRECIP					
FROZEN PRECIP					
FOG	56.4		7.8	12.1	24.0
FOG WITH VIS GE 1/2 MILES	53.8		8.1	12.6	25.5
TOTAL OBS	2341	0	1641	1053	2040

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
N FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: JUL HOURS: ALL

- 191	192 - 280	281 - 310		NO OF OBS
26.0	55.0			20
26.2	52.1	3.6		363
13.6	40.0	4.9		265
14.0	40.1	5.1		257
946	2541	415	0	7440

MONTH: AUG HOURS: ALL

33.3	40.0			15
23.7	42.3	2.2		317
12.1	24.9	.9		447
12.8	25.1	.9		422
1053	2040	360	0	7440

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOS
USAFETAC, ASHEVILLE NC — VERSUS WIND DIRECTION FROM HOURLY OBSERV

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — P
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 250
TSTMS	11.1			33.3	44.4
LIQUID PRECIP	27.5		5.8	34.1	30.1
FREEZING PRECIP					
FROZEN PRECIP					
FOG	59.1		8.8	17.9	12.1
FOG WITH VIS OF 1/2 MILES	55.4		9.3	19.6	13.5
TOTAL OBS	2637	0	1330	1520	1519

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 250
TSTMS					100.0
LIQUID PRECIP	29.1		5.7	43.8	20.8
FREEZING PRECIP					
FROZEN PRECIP	60.0			40.0	
FOG	71.4		8.4	14.7	5.1
FOG WITH VIS OF 1/2 MILES	67.5		9.5	15.7	5.7
TOTAL OBS	3482	0	1074	1812	989

CURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: ALL

- 191	192 - 250	251 - 310	NO OF OBS
3.3	44.4	11.1	18
4.1	30.1	2.5	757
7.9	12.1	2.1	855
9.6	13.5	2.2	762
520	1519	194	0 7200

MONTH: OCT HOURS: ALL

	100.0			3
3.6	20.8	.7		914
0.0				5
4.7	5.1	.4		2084
5.7	5.7	.5		1656
1612	989	83	0	7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCES OF AIM
USAFETAC, ASHEVILLE NC — VERSUS WIND DIRECTION FROM HOURLY OBSE

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 280
TSTMS	10.0				30.0
LIQUID PRECIP	25.0		6.3	46.6	21.7
FREEZING PRECIP	100.0				
FROZEN PRECIP	14.0		54.7	24.4	7.0
FOG	55.4		8.2	19.7	6.3
FOG WITH VIS GE 1/2 MILES	51.6		9.7	20.9	7.2
TOTAL OBS	2916	0	715	2460	1030

TSTMS	50.0				50.0
LIQUID PRECIP	23.4		7.7	43.7	19.7
FREEZING PRECIP	15.4		76.9	7.7	
FROZEN PRECIP	46.0		31.0	15.9	5.2
FOG	65.9		9.1	19.5	5.2
FOG WITH VIS GE 1/2 MILES	64.0		9.9	19.8	6.0
TOTAL OBS	3213	0	739	2325	1132

A

OCCURRENCES OF ATMOSPHERIC PHENOMENA
ON FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

0 - 101	102 - 280	281 - 310		NO OF OBS
	30.0			10
46.6	21.7	.5		1612
24.4	7.0			86
19.7	6.3	.4		1957
20.9	7.2	.5		1616
2460	1030	29	0	7200

MONTH: DEC HOURS: ALL

	50.0			2
43.9	19.7	.3		1645
7.7				13
15.9	5.2	.9		113
19.5	5.2	.3		2378
19.8	6.0	.1		1842
2325	1132	30	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCES OF AI
VERSUS WIND DIRECTION FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

PHENOMENA	CALM	VARIABLE	311 - 049	050 - 191	192 - 29
TSTMS	14.0		4.0	23.0	56.0
LIQUID PRECIP	23.3		5.5	39.7	30.0
FREEZING PRECIP	22.2		61.1	11.1	5.6
FROZEN PRECIP	33.5		30.2	24.6	11.0
FOG	63.1		7.8	18.9	9.5
FOG WITH VIS LE 1/2 MILE	59.9		8.6	19.9	10.7
TOTAL OBS	29363	0	1332[illegible]	21197	20908

CURRENCES OF ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTHS: ALL

- 191	192 - 280	281 - 310	NO OF OBS
1.3	55.3	3.3	100
3.7	30.3	1.5	12847
1.1	5.6		18
4.6	11.3	.5	516
3.9	9.5	.7	13780
3.4	10.7	.9	11437
197	20998	2318	0 87654

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

A

RRR TTTTTTTTTT BBBBBBBBB
RRRR TTTTTTTTTT BBBBBBBBBB
RR TT BB BB
RR TT BB BB
RRRR TT BBBBBBBBB
RRR TT BBBBBBBBB
RR TT BB BB
RR TT BB BB
RR TT BBBBBBBBB
RR TT BBBBBBBBB

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMM

ALL TABLES IN PART B ARE CREATED FROM SUMMARY OF DAY

PERCENT OCCURRENCE FREQUENCY.
THESE TABLES GIVE THE PERCENT OCCURRENCE FREQUENCY
SNOWFALL AND SNOW DEPTH. DATA IS SUMMARIZED FOR A
COMBINED. SUMMARIES INCLUDE THE PERCENT OF DAYS WI
PERCENT OF DAYS WITH NO AMOUNTS, PERCENT OF DAYS
OF DAYS WITH SPECIFIED AMOUNTS. SUMMARIES ALSO PR
COUNT. A VALUE OF ".0" INDICATES ONE OR MORE OCC
AMOUNT TO LESS THAN .05 PERCENT.

MONTHLY TOTALS.
THESE TABLES GIVE THE TOTAL MONTHLY PRECIPITATION
THEY ARE SUMMARIZED BY MONTH FOR ALL YEARS. THE T
AMOUNTS, LEAST AMOUNTS, MEAN, MEDIAN, STANDARD DEV
OBSERVATIONS. AN ASTERISK (*) INDICATES A VALUE F
THAN 90% OF THE DATA ARE AVAILABLE. AN ASTERISK A
OR MORE MISSING AND/OR INCOMPLETE MONTHS. INCOMPL
IN STATISTICAL COMPUTATIONS. NOTE: LEAST AMOUNTS
MONTHS/YEARS ONLY. ".00" MEANS NO PRECIPITATION F
NO SNOWFALL FOR THE MONTH.

DAILY EXTREMES.
THESE TABLES GIVE THE MAXIMUM DAILY REPORTED AMOUN
MONTH) FOR PRECIPITATION, SNOWFALL, AND SNOW DEPTH
THE GREATEST AMOUNTS FOR EACH MONTH AND THE TOTAL
ERVATIONS FOR EACH MONTH AND YEAR. AN ASTERISK (*
LESS THAN 90% OF THE DATA ARE AVAILABLE. AN ASTER
OR MORE MISSING AND/OR INCOMPLETE MONTHS. ".00" M
".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEAN

SNOWFALL/SNOW DEPTH--FIRST AND LAST DAYS OF OCCURRENC
THIS SUMMARY GIVES THE FIRST AND LAST OCCURRENCES
DEPTH FOR THE SNOW-YEAR DURING THE PERIOD OF RECOR
SNOW-YEAR IS CONSIDERED TO RUN FROM 1 AUGUST TO 31
THE DATA BY SNOW-YEAR, BY MONTH, AND BY DAY. THE
COLUMN 69 OF AWS FORMS 10/10A (OR EQUIVALENT) AS E
AMOUNT DEFINES THE FIRST (OR LAST) SNOWFALL FOR TH
ENTRY IN COLUMN 69 OTHER THAN ".0" OR "TRACE" DEFI
MEASURABLE SNOWFALL. FINALLY, THE 1200 GMT ENTRY
(OR EQUIVALENT) DEFINES THE FIRST (OR LAST) OCCURR
SNOW DEPTH IS CONSIDERED THE LAST SNOW MELT. THIS
WHEN NO SNOWFALL OCCURS DURING THE GIVEN PDR.

PART B

WFALL, SNOW DEPTH SUMMARIES

ED FROM SUMMARY OF DAY (SOD) DATA.

NT OCCURRENCE FREQUENCY OF PRECIPITATION,
ATA IS SUMMARIZED FOR ALL YEARS
THE PERCENT OF DAYS WITH MEASURABLE AMOUNTS,
NTS, PERCENT OF DAYS WITH TRACES, AND PERCENT
NTS. SUMMARIES ALSO PROVIDE AN OBSERVATION
ICATES ONE OR MORE OCCURRENCES THAT, IN AGGREGATE,
ENT.

MONTHLY PRECIPITATION AND SNOWFALL RESPECTIVELY.
H FOR ALL YEARS. THE TABLES ALSO GIVE THE GREATEST
N, MEDIAN, STANDARD DEVIATIONS, AND TOTAL AVAILABLE
(*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS
AILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
MPLETE MONTHS. INCOMPLETE MONTHS/YEARS ARE NOT INCLUDED
. NOTE: LEAST AMOUNTS ARE DERIVED FROM COMPLETE
EANS NO PRECIPITATION FOR THE MONTH, ".0" MEANS

UM DAILY REPORTED AMOUNTS (BY INDIVIDUAL YEAR-
NOWFALL, AND SNOW DEPTH, RESPECTIVELY. THEY SHOW
CH MONTH AND THE TOTAL NUMBER OF AVAILABLE OBS-
D YEAR. AN ASTERISK (*) INDICATES A MONTH FOR WHICH
RE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S) WITH ONE
MPLETE MONTHS. ".00" MEANS NO PRECIPITATION FOR THE MONTH,
THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

LAST DAYS OF OCCURRENCE BY SNOW YEAR.
T AND LAST OCCURRENCES OF SNOWFALL AND SNOW
ING THE PERIOD OF RECORD. FOR THIS SUMMARY, THE
RUN FROM 1 AUGUST TO 31 JULY. TABLES SUMMARIZE
ONTH, AND BY DAY. THE FIRST (OR LAST) ENTRY IN
OA (OR EQUIVALENT) AS EITHER A TRACE OR A MEASURABLE
R LAST) SNOWFALL FOR THE THE YEAR. THE FIRST (OR LAST)
AN ".0" OR "TRACE" DEFINES THE FIRST (OR LAST)
LY, THE 1200 GMT ENTRY COLUMN 70 OF AWS FORM 10/10A
FIRST (OR LAST) OCCURRENCE OF SNOW DEPTH. THE LAST
E LAST SNOW MELT. THIS SUMMARY IS NOT PROVIDED
ING THE GIVEN PDR.

NOTE 1. IF THE MINIMUM AMOUNT RECORDED IN THE MONT-
EXTREMES IS A TRACE, THE WORD "TRACE" WILL APPEA
COLUMN.

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN F
SETS OF COMPLETE MONTHS ARE AVAILABLE.

NOTE 3. THE OBSERVATION COUNTS OR THE STATION HIST
AS TO WHY CERTAIN DATA ARE MISSING. FOR EXAMPLE,
ERVATIONS MIGHT IMPLY MISSING DATA BECAUSE OF EQ
MORE THAN SEVERAL MISSING OBSERVATIONS USUALLY M
BEEN) CLOSED.

NOTE 4. IN DAILY AND MONTHLY AMOUNTS SUMMARIES, TH
GIVES THE GREATEST AMOUNT FOR THE PERIOD OF RECO

NOTE 5. BEFORE JANUARY 1956, SNOWFALL OCCURRENCES
INCLUDED HAIL.

NOTE 6. SNOW DEPTH REPORTING TIMES FOR USAF, NAVY

	AIR FORCE	NAVY AND NATION
THROUGH 1945:	0800 LST	THROUGH JUN 195
JAN 1946 TO MAY 1957:	1230 LST	JUN 1952 TO MAY
JUN 1957 TO PRESENT:	1200 GMT	JUN 1957 TO PRE

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

RECORDED IN THE MONTHLY TOTALS OR DAILY
RD "TRACE" WILL APPEAR IN THE APPROPRIATE

TICAL DATA ONLY WHEN FIVE (5) OR MORE
AVAILABLE.

S OR THE STATION HISTORY MIGHT PROVIDE CLUES
MISSING. FOR EXAMPLE, ONLY A FEW MISSING OBS-
NG DATA BECAUSE OF EQUIPMENT MALFUNCTION, BUT
BSERVATIONS USUALLY MEANS THE STATION IS (OR HAS

MONTHS SUMMARIES. THE LAST ENTRY ON THE PAGE
OR THE PERIOD OF RECORD.

SNOWFALL OCCURRENCES IN THE SUMMARY OF DAY

TIMES FOR USAF, NAVY AND CIVIL STATIONS ARE AS FOLLOWS:

NAVY AND NATIONAL WEATHER SERVICE

THROUGH JUN 1952: 0030 GMT

JUN 1952 TO MAY 1957: 1230 GMT

JUN 1957 TO PRESENT: 1200 GMT

ERS

ES

OPERATING LOCATION [illegible]
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM SUMMARY OF DAY DATA

STATION NUMBER: [illegible] STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL
NONE	28.7	31.9	33.6	39.4	48.5	54.8	72.0
TRACE	11.6	10.9	11.4	14.2	16.0	15.5	11.6
.01	3.9	2.9	3.3	3.2	3.9	3.0	2.1
.02-.05	9.2	10.6	10.6	10.1	8.2	7.4	3.9
.06-.10	7.7	7.4	8.5	7.8	6.2	4.9	2.3
.11-.25	13.6	15.9	16.1	13.1	8.7	7.3	3.4
.26-.50	13.4	11.4	10.8	8.3	6.4	5.1	2.5
.51-1.00	8.6	7.0	4.9	3.7	2.0	1.6	1.0
1.01-2.50	3.3	1.8	.8	.3	.1	.4	.1
2.51-5.00	.1	.1					
5.01-10.00							
10.01-20.00							
OVER 20.00							
DAYS WITH MEAS AMTS	59.7	57.2	55.0	46.5	35.5	29.7	15.4
TOTAL NO. OF OBSERVATIONS	1488	1356	1488	1440	1488	1410	1457

ENCY OF OCCURRENCE OF PRECIPITATION IN INCHES
M SUMMARY OF DAY DATA

B WASHINGTON — PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
44.5	54.8	73.0	68.1	58.1	45.2	29.6	26.1	44.8
16.0	15.5	11.6	13.0	12.8	11.2	8.8	10.5	12.3
3.9	3.0	2.1	1.9	2.7	3.8	4.2	3.6	3.2
8.2	7.4	3.9	4.3	6.3	7.7	10.2	10.0	8.2
6.2	4.9	2.3	3.4	4.1	5.4	7.6	9.5	6.1
8.7	7.3	3.4	4.2	6.9	10.5	15.3	16.0	10.9
6.4	5.1	2.5	2.9	5.7	8.9	12.4	13.0	8.4
2.0	1.6	1.0	1.8	2.6	5.6	8.4	8.9	4.7
.1	.4	.1	.4	.8	1.5	3.3	3.4	1.4
					.1	.2		.0

35.6	29.7	15.4	18.9	29.0	43.6	61.7	63.4	42.9
488	1410	1457	1488	1440	1487	1440	1488	17470

TATION AMOUNTS IN INCHES
DAY DATA

PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	.55	1.43	4.51	4.61	3.48	14.58*
1.35	.07	2.16	2.91	1.95	5.20	8.00	33.77
2.34	1.39	.15	.20	3.08	9.00	4.34	32.16
1.72	.47	1.54	.68	4.50	2.40	2.91	28.61
.67	TRACE	.62	1.32	1.84	3.94	2.42	22.74
.13	.30	.72	4.10	3.14	5.03	5.04	36.85
4.21	1.14	.07	1.92	2.35	2.70	5.27	36.01
.92	1.08	.23	1.23	6.01	2.21	4.42	27.51
1.58	2.53	2.19	3.07	1.89	5.45	6.69	47.54
.64	.35	.34	.73	2.85	6.17	6.05	29.71
.20	.36	1.01	.91	6.35	6.74	6.00	39.04
.13	.51	.15	2.25	4.58	4.86	3.41	33.82
1.19	.52	.51	.20	.89	1.23	5.16	22.13
2.43	.54	1.29	2.56	4.31	7.09	6.76	48.25
2.54	.94	2.33	2.63	2.20	5.31	4.84	41.94
1.05	2.60	.02	1.45	6.92	3.44	10.49	47.05
2.54	.73	.85	1.00	5.84	1.98	5.15	35.21
1.76	1.52	2.12	1.05	3.56	3.86	6.00	37.90
1.74	TRACE	.58	1.89	4.97	9.50	7.37	48.32
2.18	.35	.73	3.84	3.46	8.05	5.07	46.02
.33	.01	1.97	.77	5.06	10.09	3.69	46.76
.87	.77	.89	.41	3.39	5.10	6.11	46.68
.78	.22	2.36	2.11	3.77	11.59	4.61	38.07
1.02	1.61	1.12	.97	4.00	8.71	5.05	39.62
3.44	1.51	1.71	1.97	1.09	7.43	6.45	42.10
.56	.91	2.10	.49	2.98	4.71	5.29	33.95
2.20	1.53	.28	2.88	3.44	5.96	8.27	41.06
2.13	.04	TRACE	1.61	7.62	2.54	3.44	37.23
2.57	.74	5.43	2.81	4.91	6.73	6.95	51.24
.95	.64	.29	5.12	2.19	2.83	6.80	37.11
.29	.43	.34	1.83	2.73	5.41	10.55	41.11

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION
FROM SUMMARY OF DAY D

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	7.52	4.99	7.00	2.60	1.17	3.33	.53
72	8.00	8.22	6.43	5.22	.86	1.84	1.41
73	3.77	1.90	2.30	.94	2.54	2.95	.04
74	7.19	4.77	5.90	3.45	2.11	1.67	2.29
75	8.00	5.83	3.23	1.99	1.82	.85	.23
76	5.96	4.52	3.78	3.12	2.45	.56	1.33
77	1.18	2.37	4.03	.78	3.90	.64	.10
78	5.96	2.72	2.60	3.36	1.84	1.13	1.16
79	2.37	6.97	2.07	1.93	1.03	.62	1.46
80	5.40	5.30	3.43	4.08	1.43	2.38	.38
81	3.00	5.97	3.65	3.71	2.49	3.64	.57
82	5.68	7.72	4.11	3.12	.51	1.07	.56
83	9.03	5.49	5.63	1.41	1.22	2.71	2.34
84	5.44	4.91	4.42	2.61	4.78	4.43	TRACE
85	.44	2.35	3.35	1.65	1.37	1.30	.10
86	9.92	4.87	3.35	2.48	3.22	1.21	1.96
87	7.68	3.18	5.60	3.47	3.30	.31	.65
88	5.26	1.40	5.82	4.85	4.47		

HLY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON — PERIOD OF RECORD: 4008-8805
MONTHS: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
3.38	.53	.86	2.14	3.40	5.79	6.59	45.97
1.84	1.41	1.08	3.55	.75	2.61	8.07	48.04
2.95	.04	.19	2.23	3.70	8.21	8.99	37.81
1.67	2.29	.01	.61	1.51	6.52	6.85	42.88
.35	.28	4.92	TRACE	6.86	5.97	7.74	47.49
.56	1.38	4.03	1.77	1.77	1.11	2.84	33.29
.64	.10	3.90	4.44	2.66	5.78	8.10	37.88
1.19	1.16	1.26	4.95	.43	5.82	2.26	33.55
.62	1.46	1.70	3.18	3.97	2.37	9.94	37.61
2.38	.38	.97	2.25	1.47	8.46	9.10	44.85
3.54	.57	.70	2.15	5.86	5.22	6.98	43.94
1.07	.56	.66	2.24	5.19	4.43	8.02	43.31
2.71	2.34	1.98	2.09	1.25	8.74	5.67	47.55
4.43	TRACE	.52	1.25	4.31	11.23	5.36	49.26
1.90	.10	.97	1.52	8.05	4.20	1.89	28.30
1.21	1.96	.27	2.39	5.15	10.69	4.36	49.87
.31	.65	.36	.43	.59	2.54	8.67	36.78
							21.80*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION
FROM SUMMARY OF DAY DA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
LEAST	.44	1.38	.62	.25	.13	.13	TRACE
GREATEST	12.37	10.37	7.00	5.65	4.78	4.43	2.60
MEAN	5.76	4.32	3.79	2.70	1.90	1.63	.83
MEDIAN	5.60	4.45	3.72	2.61	1.81	1.36	.57
SD	2.304	2.002	1.504	1.240	1.112	1.093	.718
TOTAL OBS	1433	1356	1488	1440	1488	1410	1457

THE GREATEST VALUE OF 12.37 OCCURRED ON 01/53

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

...Y PRECIPITATION AMOUNTS IN INCHES
...MARY OF DAY DATA

...SHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.13	TRACE	TRACE	TRACE	.43	1.11	1.89	22.13
4.43	2.60	5.43	5.12	8.05	11.59	10.55	51.24
1.53	.83	1.23	1.95	3.64	5.75	6.01	39.53
1.36	.57	.86	1.91	3.45	5.62	6.03	39.04
1.093	.718	1.247	1.236	1.902	2.709	2.156	7.311
1410	1457	1488	1440	1497	1440	1488	17470

...ED ON 01/53

...LESS THAN 80% OF THE DATA AVAILABLE FOR THE MONTH

EXTREME DAILY PRECIPITATION
FROM SUMMARY OF DAY DAT

STATION NAME: MCCHORD AFB WASHINGTON
ST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
41	1.25	.46	.43	.38	.72	.52	.07
42	.74	.87	.41	.34	.49	.58	.47
43	.46	.72	1.58	.49	.44	.75	.35
44	1.13	.82	.52	.41	.60	.40	TRACE
45	.56	1.37	.67	.56	.84	.10	.30
46	1.33	1.25	.95	.42	.29	.34	.96
47	1.55	1.07	.79	.41	.10	.25	.31
48	1.06	1.73	2.15	.75	.96	.91	.68
49	.17	1.94	.53	.35	.47	.42	.22
50	1.23	.54	.34	.52	.18	.13	.23
51	1.01	2.75	1.07	.31	.33	.10	.51
52	.71	.59	.50	.52	.35	.33	.27
53	1.22	.59	.88	.42	.52	.52	.23
54	1.73	.89	.85	.43	.42	.57	.78
55	1.11	1.57	.62	.56	.68	.63	.53
56	1.07	.37	1.14	.09	.34	.71	.61
57	.81	.91	1.03	.53	.45	.44	1.18
58	1.08	.86	.22	.83	.63	.75	TRACE
59	1.24	.50	.63	.59	.87	.41	.13
60	1.04	1.37	.67	.94	.59	.38	.01
61	.97	1.52	.72	.68	.72	.41	.53
62	.71	.60	.63	.88	.43	.35	.09
63	1.26	1.64	1.00	.80	.46	.29	.50
64	1.67	.43	.54	.22	.48	1.19	.49
65	1.13	1.22	.22	1.78	.35	.24	.40
66	1.09	.48	1.07	1.39	.99	.50	.61
67	2.07	.85	.38	.42	.23	1.32	.03 T
68	.99	1.26	1.04	.67	.58	1.39	.32
69	1.07	1.11	.53	.55	1.36	.43	.36
70	1.54	1.29	.88	.02	.29	.18	.23

DAILY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON — PERIOD OF RECORD: 4006-8605
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		.41	.53	.55	.31	.72	.81#
.52	.07	.42	.91	.48	1.07	2.37	2.37
.54	.47	.11	.15	1.35	1.49	.73	1.49
.75	.35	.91	.31	.74	.67	1.12	1.58
.40	TRACE	.45	.37	.54	.66	1.04	1.18
.10	.30	.32	1.52	.40	1.05	1.50	1.52
.34	.96	.05	.64	.72	.77	1.11	1.33
.29	.31	.22	.44	1.25	.44	.73	1.56
.31	.63	.32	1.19	.57	.81	1.61	2.15
.42	.22	.09	.40	1.05	1.61	1.55	1.94
.18	.22	.32	.66	1.06	.36	1.01	1.23
.10	.51	.10	1.10	.37	.99	.59	2.75
.33	.27	.19	.10	.37	.31	.57	.71
.62	.23	.89	1.21	1.03	.87	1.32	1.32
.57	.78	.27	.58	.68	.92	.61	1.73
.23	.53	.32	.51	1.17	2.05	1.81	2.05
.71	.51	.70	.32	1.21	1.23	1.73	1.73
.44	1.15	.54	.52	1.21	1.17	.88	1.21
.75	TRACE	.22	.42	1.38	1.50	1.36	1.50
.41	.13	.40	.83	.59	2.91	1.00	2.91
.34	.21	.70	.25	1.53	1.99	1.23	1.99
.41	.53	.50	.10	.51	1.09	1.01	1.52
.39	.09	.59	.53	1.51	2.96	.79	2.96
.29	.50	.48	.31	.98	1.49	.93	1.64
1.19	.49	.93	.93	.53	1.26	1.35	1.67
.24	.4	.37	.21	.53	.68	1.21	1.78
.50	.41	.23	.99	.80	1.32	1.22	1.39
1.32	.03	TRACE	.76	1.34	.51	.85	2.07
1.39	.32	1.35	.81	.74	1.11	1.14	1.39
.43	.36	.21	1.67	.84	1.47	1.14	1.67
.18	.23	.18	.48	.73	.68	1.92	1.92

OPERATING LOCATION 'A' — EXTREME DAILY PRECIPITATION
USAFETAC, ASHEVILLE NC — FROM SUMMARY OF DAY DA

STATION NUMBER: 748260 STATION NAME: MCCHORD AFB WASHINGTON
SITE IDC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	1.31	1.07	1.11	.33	.35	.74	.21
72	1.62	1.47	2.23	1.62	.36	.71	.53
73	.33	.47	.61	.67	.74	.34	.82
74	.99	.99	.92	.95	.49	.60	.93
75	1.61	1.76	.67	.78	.61	.35	.12
76	1.33	.77	.68	.53	.56	.23	.43
77	.25	.64	.63	.23	.97	.62	.04
78	.35	.55	.57	.60	.31	.38	.60
79	.66	1.72	.62	.33	.34	.24	1.32
80	1.32	.73	.60	.98	.64	.64	.11
81	.55	.33	.70	.70	.41	1.25	.42
82	1.43	1.48	.54	.75	.25	.35	.29
83	1.35	.66	.67	.52	.39	.54	.54
84	2.09	.82	.71	.55	.31	1.71	TRACE
85	.21	.70	.03	.53	.39	.32	.10
86	2.52	1.35	.57	.74	.43	.47	.24
87	2.34	1.00	1.53	.71	1.16	.15	.35
88	1.33	.37	1.27	1.13	.84		

GREATEST	2.52	2.76	2.23	1.78	1.35	1.71	1.32
TOTAL OBS	1488	1356	1498	1440	1486	1410	1457

THE GREATEST VALUE OF 3.49 OCCURRED ON 11/23/86

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

AILY PRECIPITATION AMOUNTS IN INCHES
SUMMARY OF DAY DATA

ASHINGTON — PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.34	.21	.44	.77	.35	1.01	1.10	1.31
.71	.53	.55	1.17	.26	.39	1.25	2.28
.84	.02	.09	.55	1.43	1.22	1.02	1.43
.50	.93	.01	.43	.52	1.08	1.69	1.69
.35	.12	1.02	TRACE	1.06	.93	1.43	1.76
.23	.43	1.14	1.26	.77	.36	1.01	1.30
.62	.04	1.51	1.20	.40	1.12	1.78	1.78
.38	.69	.23	1.31	.14	1.41	.40	1.41
.24	1.32	.57	.65	.72	.63	1.82	1.82
.54	.11	.87	.41	.73	1.40	1.47	1.47
1.29	.42	.35	.83	2.65	1.19	1.12	2.65
.35	.29	.24	.75	2.01	.97	1.74	2.01
.54	.54	1.13	.78	.37	1.73	1.72	1.73
1.71	TRACE	.27	.39	1.36	1.53	.98	2.09
.32	.10	.46	.48	2.32	.84	.83	2.32
.17	.54	.27	.70	3.05	3.49	.91	3.49
.15	.35	.24	.43	.42	.61	2.25	2.38
							1.83*
1.71	1.32	1.51	1.67	3.05	3.49	2.37	3.49
1410	1457	1488	1440	1487	1440	1488	17470

ED ON 11/23/96

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION (AI
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM SUMMARY OF DAY DA

STATION NUMBER: 7420 0 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JU
NONE	80.4	88.9	89.2	96.3	99.1	100.0	100.
TRACE	11.2	7.6	8.0	3.5	.9		
0.1-0.4	2.5	1.3	1.1	.2			
0.5-1.4	2.9	1.2	1.1				
1.5-2.4	1.1	.5	.4				
2.5-3.4	.5	.2	.2				
3.5-4.4	.5	.2					
4.5-6.4	.4	.1	.1				
6.5-10.4	.4	.2					
10.5-15.4							
15.5-25.4							
25.5-50.4							
OVER 50.4							
DAYS WITH MEAS AMTS	8.4	3.5	2.8	.2			
TOTAL NO. OF OBSERVATIONS	1333	1215	1333	1290	1333	1260	130

CY OF OCCURRENCE OF SNOWFALL IN INCHES
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4601-8805
MONTH: ALL HOURS: ALL

AY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
.1	100.0	100.0	100.0	100.0	99.5	95.8	84.9	94.5
.9					.3	2.1	10.8	3.7
						.6	1.8	.6
					.2	.6	1.2	.6
						.2	.5	.2
						.2	.2	.1
						.1	.4	.1
						.2	.1	.1
						.2	.1	.1
					.2	2.1	4.2	1.8
333	1260	1302	1302	1260	1301	1260	1300	15489

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUN
FROM SUMMARY OF DAY DAT

STATION NUMBER: '+2060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
46	.0	TRACE	TRACE	.0	.0	.0	.0
47	4.0	.0	.0	.0	.0	.0	.0
48	1.7	.8	TRACE	.0	.0	.0	.0
49	2.8	9.3	.0	.0	.0	.0	.0
50	29.6	.3	TRACE	.0	.0	.0	.0
51	TRACE	TRACE	5.5	.0	.0	.0	.0
52	8.5	7.5	TRACE	TRACE	.0	.0	.0
53	.8	TRACE	TRACE	TRACE	.0	.0	.0
54	15.1	TRACE	TRACE	TRACE	.0	.0	.0
55	TRACE	.0	8.7	TRACE	.0	.0	.0
56	2.6	4.8	1.6	.0	.0	.0	.0
57	2.8	4.5	.0	.0	.0	.0	.0
58	.0	.0	TRACE	.0	.0	.0	.0
59	8.3	3.7	.5	.0	.0	.0	.0
60	2.3	.0	4.8	TRACE	.0	.0	.0
61	.0	.8	.1	TRACE	.0	.0	.0
62	TRACE	7.5	2.5	.0	.0	.0	.0
63	2.0	TRACE	TRACE	TRACE	.0	.0	.0
64	1.7	.0	1.0	TRACE	.0	.0	.0
65	8.3	TRACE	TRACE	.0	TRACE	.0	.0
66	1.0	TRACE	4.0	TRACE	.0	.0	.0
67	5.4	TRACE	.3	.2	.0	.0	.0
68	13.3	.0	.0	TRACE	.0	.0	.0
69	30.0	TRACE	.0	.0	.0	.0	.0
70	1.2	.0	TRACE	TRACE	TRACE	.0	.0
71	5.1	3.2	3.7	.0	.0	.0	.0
72	16.8	.9	2.6	.2	.0	.0	.0
73	1.4	TRACE	.2	.0	TRACE	.0	.0
74	3.0	TRACE	TRACE	TRACE	TRACE	.0	.0
75	4.7	1.6	TRACE	TRACE	.0	.0	.0
76	TRACE	1.7	TRACE	TRACE	.0	.0	.0
77	.3	.0	TRACE	.0	TRACE	.0	.0
78	.0	.0	TRACE	TRACE	.0	.0	.0
79	TRACE	.6	.0	TRACE	.0	.0	.0
80	14.5	4.1	TRACE	TRACE	.0	.0	.0

NTHLY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4601-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	3.6	.1	8.7
.0	.0	.0	.0	.0	.0	.0	4.0
.0	.0	.0	.0	.0	.0	.4	2.9
.0	.0	.0	.0	.0	.0	5.6	17.7
.0	.0	.0	.0	.0	1.0	TRACE	30.9
.0	.0	.0	.0	.0	.0	TRACE	5.5
.0	.0	.0	.0	.0	TRACE	TRACE	16.0
.0	.0	.0	.0	.0	.0	.2	1.0
.0	.0	.0	.0	.0	.0	TRACE	15.1
.0	.0	.0	.0	.0	4.6	3.1	17.2
.0	.0	.0	.0	.0	.0	3.5	12.5
.0	.0	.0	.0	.0	.0	TRACE	7.3
.0	.0	.0	.0	.0	1.0	.0	1.0
.0	.0	.0	.0	.0	TRACE	.7	13.2
.0	.0	.0	.0	.0	6.6	.0	13.7
.0	.0	.0	.0	.0	TRACE	TRACE	.9
.0	.0	.0	.0	.0	TRACE	.0	10.0
.0	.0	.0	.0	.0	.5	.0	2.5
.0	.0	.0	.0	.0	TRACE	TRACE	2.7
.0	.0	.0	.0	.0	.0	6.5	14.3
.0	.0	.0	.0	TRACE	.0	.5	5.5
.0	.0	.0	.0	.0	.0	1.2	7.1
.0	.0	.0	.0	.0	TRACE	14.2	27.5
.0	.0	.0	.0	.0	.0	.0	30.0
.0	.0	.0	.0	.0	TRACE	.3	1.5
.0	.0	.0	.0	2.2	.0	9.9	24.1
.0	.0	.0	.0	.0	TRACE	4.6	25.1
.0	.0	.0	.0	.0	.7	TRACE	2.3
.0	.0	.0	.0	.0	.0	10.1	13.1
.0	.0	.0	.0	.0	1.3	.9	8.5
.0	.0	.0	.0	.0	.0	.0	1.7
.0	.0	.0	.0	.0	3.8	TRACE	4.1
.0	.0	.0	.0	.0	9.1	.5	9.6
.0	.0	.0	.0	.0	TRACE	.0	.6
.0	.0	.0	.0	.0	.0	1.0	19.6

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOU
FROM SUMMARY OF DAY DA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
81	.0	1.0	.0	TRACE	.0	.0	.0
82	1.6	TRACE	1.3	TRACE	.0	.0	.0
83	.0	.0	TRACE	.0	.0	.0	.0
84	.0	.0	TRACE	TRACE	TRACE	.0	.0
85	TRACE	3.4	TRACE	.0	TRACE	.0	.0
86	.0	5.5	.0	.3	TRACE	.0	.0
87	.6	TRACE	TRACE	.0	.0	.0	.0
88	.3	TRACE	TRACE	TRACE	TRACE		
LEAST	.0	.0	.0	.0	.0	.0	.0
GREATEST	30.0	9.3	8.7	.3	TRACE	.0	.0
MEAN	4.4	1.4	.8	TRACE	TRACE	.0	.0
MEDIAN	1.6	TRACE	TRACE	TRACE	.0	.0	.0
SD	7.229	2.416	1.863	.061	.000	.000	.000
TOTAL OBS	1333	1215	1333	1290	1333	1260	1302

THE GREATEST VALUE OF 30.0 OCCURRED IN 01/69

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

[HLY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4601-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	TRACE	1.0
.0	.0	.0	.0	.0	.0	.0	2.9
.0	.0	.0	.0	.0	.0	.8	.8
.0	.0	.0	.0	TRACE	.0	.6	.6
.0	.0	.0	.0	TRACE	15.9	.9	20.2
.0	.0	.0	.0	.0	.0	TRACE	5.8
.0	.0	.0	.0	.0	.0	.2	.8
							.3*
.0	.0	.0	.0	.0	.0	.0	.6
.0	.0	.0	.0	2.2	15.9	14.2	30.9
.0	.0	.0	.0	TRACE	1.3	1.5	9.9
.0	.0	.0	.0	.0	.0	.2	7.2
.000	.000	.000	.000	.339	3.224	3.208	8.878
1260	1302	1302	1260	1301	1260	1300	15489

RRED ON 01/59

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUN
FROM SUMMARY OF DAY DAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
46	.0	TRACE	TRACE	.0	.0	.0	.0
47	2.0	.0	.0	.0	.0	.0	.0
48	1.7	.8	TRACE	.0	.0	.0	.0
49	1.1	4.0	.0	.0	.0	.0	.0
50	3.4	.3	TRACE	.0	.0	.0	.0
51	TRACE	TRACE	2.2	.0	.0	.0	.0
52	4.3	7.4	TRACE	TRACE	.0	.0	.0
53	.8	TRACE	TRACE	TRACE	.0	.0	.0
54	5.6	TRACE	TRACE	TRACE	.0	.0	.0
55	TRACE	.8	2.9	TRACE	.0	.0	.0
56	1.3	2.4	1.3	.0	.0	.0	.0
57	1.2	2.2	.0	.0	.0	.0	.0
58	.0	.0	TRACE	.0	.0	.0	.0
59	3.6	3.7	.5	.0	.0	.0	.0
60	1.1	.0	4.5	TRACE	.0	.0	.0
61	.0	.8	.1	TRACE	.0	.0	.0
62	TRACE	7.5	1.3	.0	.0	.0	.0
63	2.0	TRACE	TRACE	TRACE	.0	.0	.0
64	1.0	.0	1.0	TRACE	.0	.0	.0
65	4.0	TRACE	TRACE	.0	TRACE	.0	.0
66	1.0	TRACE	2.0	TRACE	.0	.0	.0
67	5.4	TRACE	.2	.2	.0	.0	.0
68	5.3	.0	.0	TRACE	.0	.0	.0
69	6.8	TRACE	.0	.0	.0	.0	.0
70	1.0	.0	TRACE	TRACE	TRACE	.0	.0
71	2.3	3.1	1.5	.0	.0	.0	.0
72	6.6	.5	2.6	.2	.0	.0	.0
73	1.3	TRACE	.2	.0	TRACE	.0	.0
74	3.0	TRACE	TRACE	TRACE	TRACE	.0	.0
75	4.0	1.6	TRACE	TRACE	.0	.0	.0
76	TRACE	1.2	TRACE	TRACE	.0	.0	.0
77	.3	.0	TRACE	.0	TRACE	.0	.0
78	.0	.0	TRACE	TRACE	.0	.0	.0
79	TRACE	.4	.0	TRACE	.0	.0	.0
80	7.2	3.0	TRACE	TRACE	.0	.0	.0

DAILY SNOWFALL AMOUNTS IN INCHES
M SUMMARY OF DAY DATA

B WASHINGTON PERIOD OF RECORD: 4601-8805
MONTH: ALL HOURS: ALL

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	.0	.0	.0	.0	.0	6.2	.1	6.2
	.0	.0	.0	.0	.0	.0	.0	2.0
	.0	.0	.0	.0	.0	.0	.3	1.7
	.0	.0	.0	.0	.0	.0	3.9	4.0
	.0	.0	.0	.0	.0	1.0	TRACE	8.4
	.0	.0	.0	.0	.0	.0	TRACE	2.2
	.0	.0	.0	.0	.0	TRACE	TRACE	7.4
	.0	.0	.0	.0	.0	.0	.2	.8
	.0	.0	.0	.0	.0	.0	TRACE	5.6
	.0	.0	.0	.0	.0	3.0	2.0	3.0
	.0	.0	.0	.0	.0	.0	3.6	3.6
	.0	.0	.0	.0	.0	.0	TRACE	2.2
	.0	.0	.0	.0	.0	1.0	.0	1.0
	.0	.0	.0	.0	.0	TRACE	.6	3.7
	.0	.0	.0	.0	.0	6.6	.0	6.6
	.0	.0	.0	.0	.0	TRACE	TRACE	.8
	.0	.0	.0	.0	.0	TRACE	.0	7.5
	.0	.0	.0	.0	.0	.5	.0	2.0
	.0	.0	.0	.0	.0	TRACE	TRACE	1.0
	.0	.0	.0	.0	.0	.0	5.5	5.5
	.0	.0	.0	.0	TRACE	.1	.5	2.0
	.0	.0	.0	.0	.0	.0	.9	5.4
	.0	.0	.0	.0	.0	TRACE	4.1	5.3
	.0	.0	.0	.0	.0	.0	.0	6.8
	.0	.0	.0	.0	.0	TRACE	.3	1.0
	.0	.0	.0	.0	1.2	.0	3.8	3.8
	.0	.0	.0	.0	.0	TRACE	3.2	5.6
	.0	.0	.0	.0	.0	.6	TRACE	1.3
	.0	.0	.0	.0	.0	.0	6.9	6.9
	.0	.0	.0	.0	.0	1.1	.8	4.0
	.0	.0	.0	.0	.0	.0	.0	1.2
	.0	.0	.0	.0	.0	2.9	TRACE	2.9
	.0	.0	.0	.0	.0	5.4	.4	5.4
	.0	.0	.0	.0	.0	TRACE	.0	.4
	.0	.0	.0	.0	.0	.0	1.0	7.2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUN
FROM SUMMARY OF DAY DAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
81	.0	1.0	.3	TRACE	.0	.0	.0
82	1.1	TRACE	.3	TRACE	.0	.0	.0
83	.0	.0	TRACE	.0	.0	.0	.0
84	.0	.0	TRACE	TRACE	TRACE	.0	.0
85	TRACE	2.0	TRACE	.0	TRACE	.0	.0
86	.0	5.2	.0	.3	TRACE	.0	.0
87	.6	TRACE	TRACE	.0	.0	.0	.0
88	.3	TRACE	TRACE	TRACE	TRACE		
GREATEST	3.4	7.5	4.5	.3	TRACE	.0	.0
TOTAL OBS	1333	1215	1333	1290	1333	1260	1302

THE GREATEST VALUE OF 9.4 OCCURRED ON 11/21/85

NOTE: #THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

DAILY SNOWFALL AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4601-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	TRACE	1.0
.0	.0	.0	.0	.0	.0	.0	1.1
.0	.0	.0	.0	.0	.0	.5	.5
.0	.0	.0	.0	TRACE	.0	.6	.6
.0	.0	.0	.0	TRACE	9.4	.6	9.4
.0	.0	.0	.0	.0	.0	TRACE	5.2
.0	.0	.0	.0	.0	.0	.2	.6
							.3*
.0	.0	.0	.0	1.2	9.4	5.9	9.4
1260	1302	1302	1260	1301	1260	1300	15489

RRED ON 11/21/85

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM SUMMARY OF DAY DA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JU
NONE	93.5	94.6	97.8	100.0	100.0	100.0	100.
TRACE	3.1	2.4	.9				
1	2.3	.7	.5				
2	1.2	1.0	.4				
3	1.6	.4	.2				
4-6	1.4	.9	.2				
7-12	1.1	.1					
13-24	3						
25-36							
37-48							
49-60							
61-120							
OVER 120							
DAYS WITH MEAS AMTS	8.4	2.9	1.3				
TOTAL NO. OF OBSERVATIONS	1484	1356	14[illegible]	1440	1488	1410	145

A

NOY OF OCCURRENCE OF SNOW DEPTH IN INCHES
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4006-8605
MONTH: ALL HOURS: ALL

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0.0	100.0	100.0	100.0	100.0	99.9	97.0	94.8	97.7
					.1	.8	2.0	.8
						.3	1.1	.4
						.3	.7	.3
						.2	.7	.3
						1.0	.5	.3
						.4	.2	.1
								.0
						2.2	3.7	1.5
1414	1410	1457	1488	1440	1487	1440	1487	17445

OPERATING LOCATION 'A'
JOINTFIAC, ASHEVILLE NC

EXTREME DAILY SNOW DEPTH AN
FROM SUMMARY OF DAY DA

STATION NUMBER: 74250 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
41	0	0	0	0	0	0	0
42	1	0	0	0	0	0	0
43	0	0	0	0	0	0	0
44	0	0	0	0	0	0	0
45	0	0	0	0	0	0	0
46	0	0	0	0	0	0	0
47	0	0	0	0	0	0	0
48	0	3	0	0	0	0	0
49	2	4	0	0	0	0	0
50	13	3	0	0	0	0	0
51	TRACE	0	3	0	0	0	0
52	3	3	0	0	0	0	0
53	0	0	0	0	0	0	0
54	9	0	0	0	0	0	0
55	0	TRACE	3	0	0	0	0
56	TRACE	2	1	0	0	0	0
57	4	2	0	0	0	0	0
58	0	0	0	0	0	0	0
59	7	1	0	0	0	0	0
60	1	0	4	0	0	0	0
61	0	0	0	0	0	0	0
62	0	TRACE	6	0	0	0	0
63	1	TRACE	0	0	0	0	0
64	0	0	0	0	0	0	0
65	4	0	0	0	0	0	0
66	0	0	2	0	0	0	0
67	2	0	0	0	0	0	0
68	4	0	0	0	0	0	0
69	11	5	0	0	0	0	0
70	0	0	0	0	0	0	0

DAILY SNOW DEPTH AMOUNTS IN INCHES
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		1	0	0	0	0	
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	1
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0
0	0	0	0	0	8	TRACE	8
0	0	0	0	0	0	0	2
0	0	0	0	0	0	1	3
0	0	0	0	0	0	3	4
0	0	0	0	0	0	0	13
0	0	0	0	0	0	TRACE	3
0	0	0	0	0	0	0	3
0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	9
0	0	0	0	0	2	2	3
0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	4
0	0	0	0	0	1	0	1
0	0	0	0	0	0	1	7
0	0	0	0	0	7	0	7
0	0	0	0	0	0	TRACE	TRACE
0	0	0	0	0	0	0	6
0	0	0	0	0	0	0	1
0	0	0	0	0	1	2	2
0	0	0	0	0	0	1	4
0	0	0	0	0	0	0	2
0	0	0	0	0	0	1	2
0	0	0	0	0	0	4	4
0	0	0	0	0	0	0	11
0	0	0	0	0	TRACE	TRACE	TRACE

OPERATING LOCATION 'A'
USAFETAC, ASH VILLE NC

EXTREME DAILY SNOW DEPTH A
FROM SUMMARY OF DAY D

STATION NUMBER: 726060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	*	2	1	0	0	0	0
72	14	7	0	0	0	0	0
73	1	0	0	0	0	0	0
74	TRACE	0	0	0	0	0	0
75	4	0	0	0	0	0	0
76	0	TRACE	0	0	0	0	0
77	TRACE	0	0	0	0	0	0
78	0	0	0	0	0	0	0
79	0	TRACE	0	0	0	0	0
80	12	4	TRACE	0	0	0	0
81	0	0	0	0	0	0	0
82	2	TRACE	TRACE	0	0	0	0
83	0	0	0	0	0	0	0
84	0	0	0	0	0	0	0
85	0	1	0	0	0	0	0
86	0	4	0	0	0	0	0
87	0	0	0	0	0	0	0
88	0	0	0	0	0		
GREATEST	18	6	0	0	0	0	
TOTAL OBS	1484	1356	1488	1440	1488	1410	1457

THE GREATEST VALUE OF 18 OCCURRED ON 01/17/5

*NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 20

ILY SNOW DEPTH AMOUNTS IN INCHES
SUMMARY OF DAY DATA

ASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
0	0	0	0	TRACE	0	4	4
0	0	0	0	0	0	4	14
0	0	0	0	0	0	TRACE	1
0	0	0	0	0	0	10	10
0	0	0	0	0	1	TRACE	4
0	0	0	0	0	0	0	TRACE
0	0	0	0	0	4	0	4
0	0	0	0	0	7	TRACE	7
0	0	0	0	0	0	0	TRACE
0	0	0	0	0	0	1	12
0	0	0	0	0	0	TRACE	TRACE
0	0	0	0	0	0	0	2
0	0	0	0	0	0	TRACE	TRACE
0	0	0	0	0	0	1	1
0	0	0	0	0	10	5	10
0	0	0	0	0	0	0	4
0	0	0	0	0	0	TRACE	TRACE
							0*
0	0	0	0	TRACE	10	10	18
1410	1457	1488	1440	1487	1440	1487	17465

RRED ON 01/17/50

ITH LESS THAN 80% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A' — FIRST AND LAST DAYS OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM SUMMARY OF DAY D

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	L SNO
41 - 42			JAN 07	
42 - 43			JAN 21	
45 - 46	FEB 03			M
46 - 47	NOV 18	NOV 18	NOV 19	J
47 - 48	JAN 31	JAN 31	FEB 01	M
48 - 49	DEC 04	DEC 08	DEC 22	F
49 - 50	DEC 09	DEC 11	DEC 12	M
50 - 51	NOV 14	NOV 30	MAR 01	M
51 - 52	DEC 06	JAN 03	JAN 04	A
52 - 53	NOV 30	JAN 26		A
53 - 54	DEC 05	DEC 05	JAN 15	A
54 - 55	DEC 25	FEB 28	MAR 01	A
55 - 56	NOV 11	NOV 11	NOV 12	M
56 - 57	DEC 04	DEC 05	DEC 05	F
57 - 58	DEC 22			M
58 - 59	NOV 14	NOV 14	NOV 15	M
59 - 60	NOV 14	DEC 30	DEC 31	A
60 - 61	NOV 14	NOV 20	NOV 21	A
61 - 62	NOV 21	FEB 28	MAR 01	M
62 - 63	NOV 29	JAN 30	JAN 31	A
63 - 64	NOV 19	NOV 19		A
64 - 65	NOV 26	JAN 02	NOV 27	M
65 - 66	DEC 13	DEC 23	DEC 24	A
66 - 67	OCT 22	DEC 07	JAN 05	A
67 - 68	DEC 05	DEC 05	DEC 20	A
68 - 69	NOV 24	DEC 03	DEC 04	F
69 - 70	JAN 03	JAN 10		M
70 - 71	NOV 21	DEC 03	JAN 11	M

T DAYS OF OCCURRENCE BY SNOW-YEAR
SUMMARY OF DAY DATA

WASHINGTON — PERIOD OF RECORD: 4008-8805
SNOW-YEAR: 1 AUG - 31 JUL

ST MEASURABLE SNOW DEPTH	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
07			JAN 07
21			JAN 26
	MAR 23		
19	JAN 31	JAN 31	JAN 31
01	MAR 22	FEB 01	FEB 01
22	FEB 19	FEB 19	FEB 20
12	MAR 28	FEB 03	FEB 04
01	MAR 10	MAR 10	MAR 11
04	APR 02	FEB 20	FEB 22
	APR 11	JAN 26	
15	APR 29	JAN 24	JAN 24
01	APR 25	MAR 25	MAR 04
12	MAR 12	MAR 05	MAR 05
05	FEB 22	FEB 22	FEB 23
	MAR 08		
15	MAR 13	MAR 13	FEB 10
31	APR 21	MAR 09	MAR 05
21	APR 22	MAR 02	NOV 22
01	MAR 27	MAR 03	MAR 04
31	APR 15	JAN 30	JAN 31
	APR 22	MAR 12	
27	MAY 05	JAN 06	JAN 07
24	APR 12	MAR 20	MAR 21
05	APR 18	APR 13	JAN 06
20	APR 12	JAN 30	JAN 31
04	FEB 25	JAN 31	FEB 02
	MAY 10	JAN 16	
11	MAR 24	MAR 17	MAR 04

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

FIRST AND LAST DAYS OF OCCURRE
FROM SUMMARY OF DAY DA

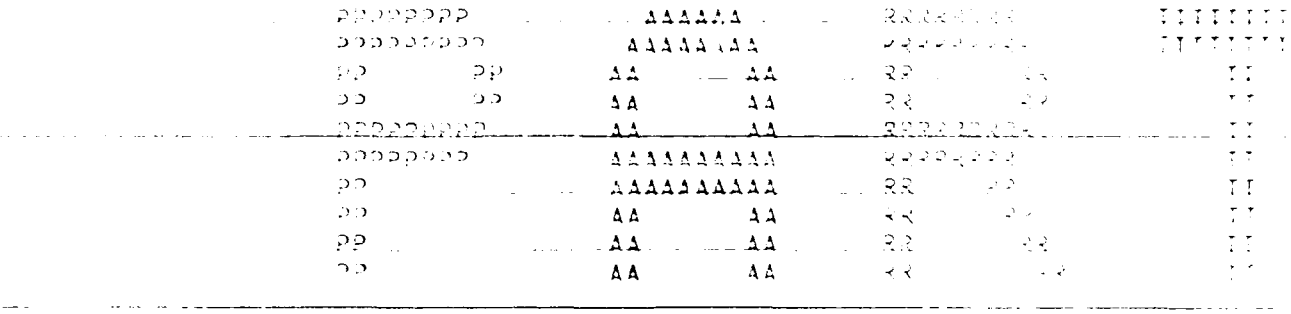
STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LA SNOW
71 - 72	OCT 26	OCT 26	DEC 08	AP
72 - 73	NOV 27	DEC 03	DEC 12	MA
73 - 74	NOV 03	NOV 03		MA
74 - 75	DEC 21	DEC 26	DEC 27	AP
75 - 76	NOV 15	NOV 17	NOV 30	AP
76 - 77	JAN 01	JAN 02		MA
77 - 78	NOV 07	NOV 17	NOV 18	AP
78 - 79	NOV 18	NOV 18	NOV 19	AP
79 - 80	NOV 23	JAN 07	JAN 07	AP
80 - 81	DEC 03	DEC 06	DEC 06	AP
81 - 82	DEC 13	JAN 01	JAN 05	AP
82 - 83	MAR 27			MA
83 - 84	DEC 02	DEC 18		MA
84 - 85	OCT 25	DEC 17	DEC 17	MA
85 - 86	OCT 30	NOV 20	NOV 21	MA
86 - 87	DEC 18	JAN 13		MA
87 - 88	DEC 16	DEC 16		MA
MEDIAN-DATE	NOV 29	DEC 07	DEC 21	AP

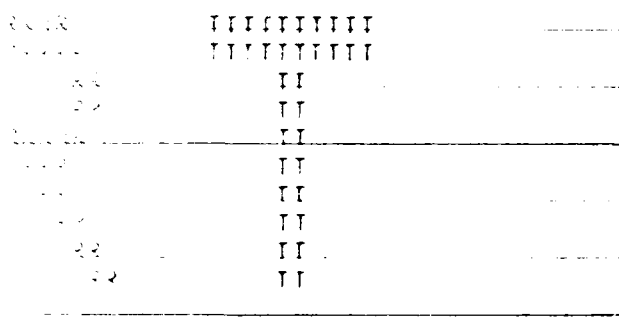
OCCURRENCE BY SNOW-YEAR.
DAILY DATA

PERIOD OF RECORD: 4008-8805
SNOW-YEAR: 1 AUG - 31 JUL

	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
	APR 28	APR 16	FEB 07
	MAY 08	MAR 18	JAN 10
	MAY 15	JAN 30	
	APR 04	FEB 15	JAN 12
	APR 24	FEB 29	NOV 30
	MAY 04	JAN 02	
	APR 05	NOV 23	NOV 23
	APR 13	FEB 16	NOV 26
	APR 06	FEB 15	FEB 15
	APR 11	FEB 11	DEC 06
	APR 29	MAR 31	JAN 08
	MAR 30		
	MAY 20	DEC 19	
	MAY 03	FEB 03	FEB 02
	MAY 04	APR 28	FEB 15
	MAR 13	JAN 13	
	MAY 01	JAN 30	
21	APR 12	FEB 15	FEB 01



A



PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY
DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE
THROUGH JUNE 1968, BUT IN JULY 1968, ALL STAT
WEATHER SERVICE STARTED RECORDING DIRECTIONS
IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE
AVAILABLE. GIVEN: THE GREATEST MONTHLY VALU
GREATEST YEARLY VALUE FOR ALL YEARS COMBINED,
PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF R
A VALUE FOR A MONTH FOR WHICH LESS THAN 90% O
ASTERISK ALSO DENOTES A YEAR(S) WITH ONE OR M

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

ALSO FROM SUMMARY OF DAY DATA. DATA IS SUMMA
YEARS COMBINED. FOR ELEVEN WIND SPEED GROUPS
INCLUDES CALM WINDS. IF THE PEAK WIND IS RE
AS "CALM," THAT COUNT GOES INTO THE "1-4 KNOT
MEANS, MEDIANS, AND TOTAL OBSERVATION COUNTS.
ACCOUNT FOR A PEAK WIND BEING RECORDED FOR EA

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE

THESE TABLES ARE CREATED FROM HOURLY OBSERVAT
THE DATA AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR

- BY MONTH (ALL YEARS AND ALL HOURS COMBINE

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF TH
FREQUENCY (PDF) FOR ELEVEN WIND SPEED GROUPS
SECTORS GIVEN IN 30 DEGREE INCREMENTS. "CALM
GIVEN SEPARATELY. CARDINAL WIND DIRECTIONS (
TOTAL PERCENTAGES, MEANS, AND MEDIANS FOR EAC
ERVATION COUNTS, ARE PRINTED BELOW EACH SUMMA

ALSO PROVIDED: A BIVARIATE DISTRIBUTION OF WIND
FOR SPECIFIED CEILING/VISIBILITY CONDITIONS.

WHEN THE VISIBILITY IS GREATER THAN OR EQUAL
THE CEILING MUST BE GREATER THAN OR EQUAL TO
IF THIS CONDITION IS NOT MET, THEN THE FOLLO
WHEN THE CEILING IS GREATER THAN OR EQUAL TO
BE GREATER THAN OR EQUAL TO 1/2 (0800 METERS

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

A

PART C

[illegible] SUMMARIES

[illegible] SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS.
[illegible] POINTS FROM THE BEGINNING OF PERIOD OF RECORD
[illegible] OF 1956, ALL STATIONS EXCEPT THOSE OF THE NATIONAL
[illegible] WIND DIRECTIONS IN TENS OF DEGREES. DATA
[illegible] FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD
[illegible] BEST MONTHLY VALUE FOR ALL YEARS COMBINED. THE
[illegible] YEARS COMBINED, AND THE DATE OF THE ABSOLUTE
[illegible] ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES
[illegible] LESS THAN 80% OF THE DATA ARE AVAILABLE. AN
[illegible] WITH ONE OR MORE MISSING AND/OR INCOMPLETE MONTHS.

[illegible] FREQUENCY.
[illegible] DATA IS SUMMARIZED BY MONTH, FOR ALL
[illegible] WIND SPEED GROUPS. THE 1-4 KNOT SPEED GROUP
[illegible] PEAK WIND IS REPORTED FOR A PARTICULAR DAY
[illegible] ORIGINAL "1-4 KNOT" CATEGORY. TABLES INCLUDE
[illegible] OBSERVATION COUNTS. THE VALUES IN THIS SUMMARY
[illegible] RECORDED FOR EACH DAY OF EACH MONTH.

[illegible] PERCENT OCCURRENCE FREQUENCY.
[illegible] HOURLY OBSERVATIONS. THEY SUMMARIZE

[illegible] TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

[illegible] HOURS COMBINED).

[illegible] HOURS COMBINED).

[illegible] DISTRIBUTION OF THE PERCENT OCCURRENCE
[illegible] WIND SPEED GROUPS VERSUS TWELVE WIND DIRECTION
[illegible] POINTS. "CALM" AND "VARIABLE" WINDS ARE
[illegible] WIND DIRECTIONS (N,E,S,W) APPEAR FOR REFERENCE.
[illegible] PERCENTAGES FOR EACH SECTOR, ALONG WITH TOTAL OBS
[illegible] FOR EACH SUMMARY.

[illegible] DISTRIBUTION OF WIND DIRECTION VERSUS WIND SPEED
[illegible] VISIBILITY CONDITIONS. THESE CONDITIONS ARE:

[illegible] LESS THAN OR EQUAL TO 1/2 MILES (0800 METERS)
[illegible] THAN OR EQUAL TO 200 FEET BUT LESS THAN 1500 FEET.
[illegible] THEN THE FOLLOWING CONDITION IS TESTED:
[illegible] THAN OR EQUAL TO 200 FEET, THE VISIBILITY MUST
[illegible] 1/2 (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS).

[illegible] KNOTS PER SECOND

C - 1 - 2

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS I:
FROM SUMMARY OF DA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
47	WSW*47	SSW 43	SSW*23	*	NNE*30	SW 32	SW 36
48	*	*	WNW*36	W 35	SW 36	NNE 31	W 31
49	NE 33	SW 45	W 39	WSW 48	NE 32	SSW 40	WNW 27
50	W 51	S 42	WSW*40	SW 42	WSW 29	WSW 29	SW 24
51	SSE 55	NNE 35	SSW 47	NNW 26	SSW 30	NW 27	WNW 29
52	SE 33	S 41	SSW 36	SSE 38	SSE 28	SSW 30	NNW 34
53	S 46	WSW 47	WSW 36	WSW 32	SSW*35	WNW 23	N 26
54	S 43	SSE 46	NNW 40	SSW 32	NNE 26	WSW*26	SSW 27
55	S 45	SW 49	WSW 56	WSW 49	SSW 34	W 29	SW *28
56	SSW 37	W 43	WSW 34	W *33	W 31	W 29	NE 26
57	SW 33	SSW 38	WSW 29	SSW 35	W 28	SW 25	SW 26
58	SW 45	SSW 46	SSW 30	SSW 36	SSE 31	WSW 26	SW 23
59	SSW 42	SSE 30	SSW 33	SSW 32	SW 30	SSW 23	SW 27
60	S 30	SSW 36	SW 34	SSW 37	WSW 32	WSW 25	NNE 22
61	SSW 34	SSW 34	SSW 42	WSW 36	SW 32	SW 26	SW 23
62	SW 35	WSW 36	W 35	SSW 42	W 33	S 22	W 22
63	S 30	SSW 38	S 36	SW 33	S 31	SW 20	S *25
64	SW 50	WSW 34	WSW 51	W 30	N 26	SW *22	S 23
65	S 37	SSW 38	NNW 25	SSW 29	SSW 39	WSW 25	SSW 21
66	WSW 41	SW 31	SSE 40	WSW 30	SSW 34	WSW 27	SW 22
67	SSW 35	SW 37	S 37	SSW 32	W 25	SW 23	SW 20
68	SW 34	W 30	S 34	SW 33	SW 31	SW 28	20/ 21
69	25/ 35	19/ 28	23/ 35	21/ 47	20/ 29	25/ 23	22/ 19
70	20/ 32	25/ 32	21/ 24	19/ 31	25/ 24	22/ 31	24/ 24
71	19/ 40	19/ 40	18/ 45	19/ 28	18/ 39	22/ 27	21/ 20
72	23/ 40	21/ 41	18/*43	15/ 28	23/ 24	21/ 25	21/ 22
73	20/ 36	16/ 20	19/ 34	24/ 29	24/ 32	23/*24	24/ 24
74	25/ 42	21/ 25	18/ 31	25/ 32	23/ 31	24/ 24	20/ 18
75	24/ 46	23/ 36	20/ 30	20/ 29	23/ 33	24/*21	23/ 17
76	18/ 36	21/ 38	20/ 37	25/ 27	23/ 25	25/ 25	23/ 22
77	22/ 32	23/ 39	26/ 36	21/ 31	25/ 29	26/ 27	25/ 24
78	19/ 37	15/ 27	20/ 30	23/ 24	19/ 23	26/ 28	21/ 20
79	21/ 24	19/ 46	24/ 35	20/ 32	23/ 27	28/ 23	27/ 21
80	25/ 36	25/ 22	20/ 32	19/ 35	24/ 29	23/ 22	18/ 22

SURFACE WINDS IN KNOTS
IM SUMMARY OF DAY DATA

ASHINGTON PERIOD OF RECORD: 4701-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
30	SW 26	NNW 24	NNE 36	S 38	WSW 40	SSW*42	SSW*48
NE 31	W 23	SSW 30	SSW 37	WSW 39	SSW 43	SSW 43	SSW*43
SW 40	WNW 27	WNW 25	W 30	NE 38	S 48	SW 43	WSW 48
WSW 29	SW 24	N 25	NNE 23	S 45	WSW 41	SW 30	N *51
W 25	WNW 23	W 32	SSW 35	SSW 36	S 43	SSE 38	SSE 56
SSW 30	NNW 34	NNW 24	SSW 23	NNE 23	SSE 46	SSE 42	SSE 46
NNW 23	N 26	NNW 23	SE 40	S *31	SSW*40	S 45	WSW*47
WSW*26	SSW 27	SSW 23	SSE 25	SSE 36	ESE 43	ESE 31	SSE*46
W 29	SW *28	NNW 21	SW 31	WSW 41	W 46	W 48	WSW*56
W 29	NE 25	NE *20	SW 28	SW 33	W 32	SW 33	W *43
SW 25	SW 25	E *25	SSW 28	W 26	WNW 31	SSE 34	SSW*33
WSW 26	SW 23	WSW 25	SW 44	SSW 34	SSW 47	SW 36	SSW 47
SSW 23	SW 27	S 24	SSW 30	SSW 27	SSW 32	S 33	SSW 42
WSW 25	NNE 22	SSW 23	S 24	SSW 32	WSW 30	SSW 30	SSW 37
SW 25	SW 23	W 21	WSW 38	S 36	W 36	WSW 42	SSW 42
S 22	W 22	SW 23	SSW 27	S 76	S 44	SSE 28	S 76
SW 20	S *25	N *15	WSW 25	S 37	SSW*31	S *39	S *39
SW *22	S 23	WSW 26	S 32	S 22	S 28	NNE 38	WSW*51
WSW 25	SSW 21	SSE 22	S 25	SSW 30	S 40	SW 32	S 40
WSW 27	SW 22	W 23	SW 26	S 31	SW 28	WSW 28	WSW 41
SW 23	SW 20	W *20	SSW 32	S 36	S 34	S 33	SW *37
SW 28	20/ 21	20/ 20	19/ 28	24/ 28	22/ 30	21/ 39	21/ 39
25/ 23	22/ 19	18/ 23	23/ 27	06/ 32	23/ 34	18/ 35	21/ 47
22/ 31	24/ 24	17/ 32	18/ 25	26/ 34	24/ 31	15/ 33	26/ 34
22/ 27	01/ 20	18/ 23	33/ 25	23/ 30	24/ 25	25/ 33	18/ 48
21/ 26	01/ 22	36/ 22	23/ 31	23/ 28	19/ 24	17/ 37	18/*48
23/*24	24/ 24	23/ 28	19/ 27	18/ 29	21/ 30	19/ 48	19/*48
24/ 24	20/ 18	23/ 20	22/ 23	24/ 18	19/ 35	16/ 36	05/ 42
24/*21	23/ 17	22/ 28	21/ 19	26/ 29	23/ 39	22/ 47	22/*47
25/ 25	23/ 22	24/ 24	22/ 21	23/ 32	20/ 30	23/ 30	21/ 38
26/ 27	25/ 24	22/ 28	23/ 29	19/ 34	27/ 32	25/ 34	23/ 39
26/ 28	21/ 20	25/ 23	26/ 21	20/ 21	24/ 36	17/ 32	19/ 37
23/ 21	27/ 21	18/*14	24/ 23	06/ 32	19/ 18	22/ 32	19/*46
23/ 22	18/ 27	10/ 36	17/ 25	17/ 22	27/ 33	19/ 31	10/ 36

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN
FROM SUMMARY OF DAY

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	
81	14/ 24	25/ 40	05/ 30	26/ 32	25/ 20	27/ 23	28/ 24	1[illegible]
82	19/ 42	19/ 32	23/ 30	26/ 35	27/ 27	24/ 23	22/ 21	21
83	24/ 36	15/ 28	18/ 36	20/ 22	20/ 29	09/ 29	24/ 18	25
84	24/ 28	25/ 30	19/ 34	20/ 25	25/ 24	21/ 23	21/ 21	23
85	23/ 13	25/ 30	26/ 29	24/ 29	24/ 29	09/ 36	25/ 21	21
86	24/ 54	18/ 30	20/ 41	20/ 38	18/ 29	23/ 31	22/ 24	36
87	22/ 31	23/ 29	24/ 27	21/ 38	25/ 31	24/ 22	19/ 23	24
88	18/ 39	24/ 40	19/ 37	24/ 35	22/ 24			
GREATEST	SSE 56	SW 49	WSW 56	WSW 49	SSW 39	SSW 40	NNW 34	1[illegible]
TOTAL OBS	1253	1151	1246	1213	1233	1180	1248	

THE PEAK WIND OF 76 FROM S OCCURRED ON 10/12/62

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

SURFACE WINDS IN KNOTS
M SUMMARY OF DAY DATA

ASHINGTON PERIOD OF RECORD: 4701-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
7/ 23	28/ 24	13/ 20	13/ 23	23/ 25	17/ 46	21/ 33	17/ 46
4/ 23	22/ 21	21/ 17	20/ 21	19/ 30	19/ 26	16/ 42	19/ 42
9/ 29	24/ 18	25/ 16	22/ 27	22/ 16	19/ 44	03/ 23	13/ 44
1/ 23	21/ 21	23/ 20	23/ 25	24/ 26	21/ 36	20/ 33	21/ 36
9/ 36	26/ 21	21/ 20	17/ 29	20/ 31	04/ 29	18/ 25	09/ 36
3/ 31	22/ 24	36/ 16	21/ 27	15/ 24	17/ 34	18/ 24	24/ 54
4/ 22	19/ 23	24/ 24	24/ 23	20/ 21	24/ 33	24/ 35	21/ 38
							24/*40

SW 40 NNW 34 10/ 36 SW 44 S 76 S 48 W 48 S 76

1180	1248	1218	1223	1256	1217	1249	14737

ED ON 10/12/62

H LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

C - 2 - 18

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM SUMMARY OF DAY DATA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

MONTH	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	3
	WIND SPEEDS IN KNOTS							
JAN	5.7	24.0	19.2	15.1	15.2	9.5	5.7	
FEB	2.8	20.2	24.9	16.5	16.6	8.8	5.4	
MAR	.4	12.8	26.2	25.2	15.2	9.0	6.5	
APR	.2	9.3	28.8	27.0	17.6	10.1	4.5	
MAY	.3	10.1	33.7	30.2	18.0	5.1	2.2	
JUN	.1	9.8	40.9	31.6	13.3	3.4	.5	
JUL	.0	10.3	46.4	32.0	9.4	1.5	.1	
AUG	.2	13.5	48.3	27.1	9.1	1.5	.3	
SEP	.7	18.8	39.3	24.1	11.9	3.5	1.2	
OCT	3.1	27.1	31.3	17.4	12.0	4.0	3.7	
NOV	3.6	25.5	20.9	18.1	14.7	8.2	5.9	
DEC	4.7	21.9	22.0	17.2	14.6	9.4	6.3	
ANNUAL	1.8	17.0	31.8	23.5	14.0	6.3	3.6	

A

CY OF OCCURRENCE OF DAILY PEAK WINDS
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4701-8805
MONTH: ALL HOURS: ALL

D SPEEDS IN KNOTS 25-29	30-34	35-39	40-49	50-54	OR 55	MEAN WIND	MEDIAN WIND	TOTAL OBS
9.5	6.7	3.4	1.9	.4	.0	16.6	15.0	1253
8.3	5.4	3.0	1.8	.0	.0	16.9	15.0	1151
9.9	6.6	2.5	1.0	.2	.0	17.8	17.0	1246
10.1	4.5	1.8	.7	.0	.0	17.7	16.0	1213
5.1	2.2	.5	.0	.0	.0	15.1	15.0	1293
3.4	.6	.3	.1	.0	.0	15.1	14.0	1180
1.9	.1	.0	.0	.0	.0	14.3	14.0	1248
1.5	.3	.1	.0	.0	.0	13.8	13.0	1218
3.6	1.2	.3	.2	.0	.0	14.1	13.0	1223
4.0	3.7	1.1	.2	.0	.1	14.1	12.0	1256
9.2	5.9	1.4	1.7	.0	.0	15.9	15.0	1217
9.4	6.3	1.8	1.6	.0	.0	16.4	15.0	1249
6.3	3.6	1.3	.8	.1	.0	15.7	14.0	14737

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	.9	.1						
	020-040	1.1	1.7						
	050-070	1.4	.1	.2					
(E)	080-100	.9	.4						
	110-130	1.4	.1						
	140-160	3.2	1.3		.1				
(S)	170-190	10.2	7.5	2.0	.4	.1	.1		
	200-220	2.6	2.7	3.9	.3		.1		
	230-250	1.3	1.0	.5	.2				
(W)	260-280	.2	.1						
	290-310	.1							
	320-340	.2	.1						
	VARIABLE								
	CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
	TOTALS	23.5	15.7	5.6	1.0	.1	.2		

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 00-02

IN KNOTS 33-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.0	3.6	4.0
					2.8	4.9	5.0
					1.7	3.6	2.0
					1.3	4.0	3.0
					1.5	2.7	2.0
					5.3	4.1	4.0
.1					20.4	5.4	4.5
.1					9.6	8.2	8.0
					3.0	5.2	5.0
					.3	4.0	2.0
					.1	2.0	2.0
					.3	5.3	4.0
////////////////////////////////////					52.7	////////////	
.2					100.0	2.6	5.0

RVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.9	.4	.1					
020-040	1.7	1.2	.2					
050-070	1.0	.4	.3					
(E) 080-100	.3	.1						
110-130	1.1	.1						
140-160	4.7	1.2	.2					
(S) 170-190	3.4	5.7	2.3	.6				
200-220	3.2	3.1	3.5	1.2	.5			
230-250	1.0	.4	.2					
(W) 260-280	.3	.1						
290-310	.2	.1						
320-340	.8							
VARIABLE								
CALM	//							
TOTALS	25.1	12.8	6.8	1.8	.5			

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JAN HOURS: 03-05

D IN KNOTS

-21	22-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.5	3.7	3.0
						3.1	4.4	4.0
						1.7	4.9	4.0
						.9	2.9	2.5
						1.2	2.9	3.0
						6.1	3.5	3.0
						17.0	5.8	5.0
						11.5	8.7	8.0
						1.8	4.3	2.0
						.4	2.8	2.0
						.3	3.0	2.0
						.3	1.9	2.0
//////////	//////////	//////////	//////////	//////////	//////////	52.8	//////////	//////////
						100.0	2.7	4.0

RVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER : 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.4	.2							
020-040	2.2	1.2	.1						
050-070	1.3	.1	.1						
(E) 080-100	.9								
110-130	1.4	.1							
140-160	3.3	1.9	.3						
(S) 170-190	9.7	5.2	3.3	.3	.3				
200-220	2.3	2.3	2.8	.9					
230-250	1.5	.6	.4	.2	.1				
(W) 260-280	.6								
290-310	.4	.2							
320-340	.4								
VARIABLE									
CALM	//								
TOTALS	25.1	12.6	7.0	1.4	.4				

TOTAL NUMBER OF OBSERVATIONS 930

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
[illegible] OBSERVATIONS

[illegible] PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: 06-08

IN KNOTS 30-34	35-39	40-44	45-54	55 OR 55	TOTAL %	MEAN WIND	MEDIAN WIND
					1.5	3.0	2.0
					3.4	4.0	4.0
					1.2	3.6	3.0
					.7	2.5	2.0
					1.5	2.6	2.0
					5.5	4.5	4.0
					19.9	6.0	6.0
					9.2	8.4	9.0
					2.7	5.8	3.0
					.5	2.5	2.5
					.5	3.5	3.5
					.4	2.5	2.5
//					53.3	//////////	
					100.0	2.6	4.0

[illegible] OBSERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFF AC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742000 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.6	.1						
020-040	3.2	.9						
050-070	2.9	1.2						
(E) 080-100	1.6	.2						
110-130	2.0	.2						
140-160	3.3	1.7	.5					
(S) 170-190	7.4	5.7	2.4	.5				
200-220	4.1	2.7	4.3	.4	.1			
230-250	1.7	.5	1.2	.2	.3			
(W) 260-280	.6	.1						
290-310	.4	.1						
320-340	.9	.2						
VARIABLE								
CALM	//////////							
TOTALS	29.4	13.6	8.4	1.2	.4			

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
H HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 09-11

D IN KNOTS

-21	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.7	2.3	2.0
						4.1	3.1	2.0
						4.1	3.5	3.0
						1.8	2.9	3.0
						2.3	2.7	2.0
						5.3	5.0	4.0
						15.1	6.1	5.5
						11.5	7.8	7.5
						4.0	6.1	6.0
						.8	3.0	2.0
						.5	3.0	2.0
						1.1	2.3	1.0
//						46.7	//////////	
						100.0	2.9	4.0

RVATIONS 930

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: + 8 — MO

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	4.1	1.7	.3						
020-040	5.4	4.7	1.0	.1					
050-070	1.4	.8	.1	.1					
(E) 080-100	1.5								
110-130	1.3	.2							
140-160	2.8	.8	.1						
(S) 170-190	3.3	2.9	2.7	1.1	.1				
200-220	2.4	5.1	5.9	1.3	.2				
230-250	2.6	1.4	1.5	.6	.1	.1			
(W) 260-280	1.8	.3	.2						
290-310	1.1								
320-340	2.5	.2							
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	30.2	19.1	11.8	3.2	.4	.1			

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
URLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: 12-14

N KNOTS 30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					5.1	3.9	3.0
					11.2	5.0	5.0
					2.4	5.0	4.0
					1.5	2.4	2.0
					1.5	3.1	2.5
					3.7	3.5	3.0
					10.1	7.8	6.5
					15.9	9.3	9.0
					5.3	7.9	7.0
					2.4	3.6	2.5
					1.1	2.1	2.0
					2.7	2.8	2.0
////////////////////////////////////					35.2	//////////////	
1					100.0	4.1	5.0

VATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	5.1	1.6	.4						
020-040	5.7	3.8	.9	.1					
050-070	2.7	.9							
(E) 080-100	1.5	.2							
110-130	1.9	.2							
140-160	3.9	1.2	.4						
(S) 170-190	4.3	4.1	2.7	.3					
200-220	2.7	6.3	5.1	1.3					
230-250	1.8	1.3	.9	.4					
(W) 260-280	1.4	.1	.1						
290-310	1.1	.1							
320-340	1.3								
VARIABLE									
CALM	//								
TOTALS	33.9	19.8	10.5	2.1					

TOTAL NUMBER OF OBSERVATIONS 930

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: 15-17

IN KNOTS

29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.1	3.9	3.0
						10.4	4.8	4.0
						3.5	3.2	2.0
						1.7	2.9	2.5
						2.2	2.8	2.0
						5.5	4.1	3.0
						11.4	6.8	6.0
						15.4	8.6	9.0
						4.4	6.8	5.0
						1.6	3.3	4.0
						1.2	2.0	2.0
						1.3	2.4	2.0
//						33.8	//////////////	
						100.0	3.7	4.0

RVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATION

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.4	.3						
020-040	4.2	2.0	.2	.1					
050-070	2.6	.3	.2						
(E) 080-100	.9	.3							
110-130	1.3	.3							
140-160	3.7	2.3	.6	.1					
(S) 170-190	6.3	6.0	3.4	.6	.2	.1			
200-220	3.1	5.1	2.9	.8	.3				
230-250	1.2	.3	.3			.1			
(W) 260-280	.5	.1							
290-310		.1							
320-340	.2								
VARIABLE									
CALM	//								
TOTALS	26.0	17.7	7.9	1.6	.5	.2			

TOTAL NUMBER OF OBSERVATIONS 930

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 18-20

KNOTS 30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.0	4.8	4.0
					6.6	4.4	4.0
					3.5	3.6	3.0
					1.2	3.2	3.0
					1.6	3.3	3.0
					6.3	4.9	4.0
					17.2	6.8	6.0
					12.2	8.0	8.0
					1.9	5.5	3.5
					.6	2.8	2.0
					.1	5.0	5.0
					.2	2.0	2.0
////////////////////////////////////					45.9	//////////	
					100.0	3.2	5.0

/ATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.1	.2						
020-040	2.7	1.1	.1					
050-070	1.3	.2	.3					
(E) 080-100	1.1	.3						
110-130	1.3	.1						
140-160	3.9	1.8	.3					
(S) 170-190	7.6	7.3	2.7	.6	.1			
200-220	2.5	4.0	3.1	.9				
230-250	1.8	.3	.4		.1		.1	
(W) 260-280	.5	.2			.1			
290-310	.5							
320-340	.1							
VARIABLE								
CALM	//							
TOTALS	24.4	15.5	6.9	1.5	.3		.1	

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 21-23

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.3	3.6	4.0
						3.9	4.1	3.0
						1.3	4.3	4.0
						1.4	3.5	3.0
						1.4	3.0	3.0
						5.0	4.5	4.0
						18.4	6.1	6.0
						10.4	7.3	8.0
					.1	2.3	5.2	3.0
						.9	6.0	4.0
						.5	2.6	2.0
						.1	1.0	1.0
////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
[illegible]TAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(1)	350-010	2.2	.6	.1					
	020-040	3.3	2.1	.3	.0				
	050-070	1.8	.6	.2	.0				
	080-100	1.1	.2						
	110-130	1.5	.2						
	140-160	3.6	1.6	.3	.0				
(5)	170-190	7.2	5.7	2.7	.6	.1	.0		
	200-220	2.8	4.0	3.9	.9	.1	.0		
	230-250	1.6	.7	.7	.2	.1	.0	.0	
(4)	260-280	.3	.1	.0		.0			
	290-310	.5	.1						
	320-340	.9	.1						
	VARIABLE								
	CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
	TOTALS	27.3	16.0	8.2	1.7	.3			

TOTAL NUMBER OF OBSERVATIONS 7440

A

C-4-9

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: JAN HOURS: ALL

) IN KNOTS

29	30-34	35-39	40-49	50-54	55	TOTAL %	MEAN WIND	MEDIAN WIND
						2.9	3.8	3.0
						5.7	4.5	4.0
						2.5	3.9	3.0
						1.3	3.0	3.0
						1.6	2.9	2.0
						5.5	4.3	4.0
.0						15.3	6.2	5.0
.0						11.9	8.4	8.0
.0	.0					3.3	6.8	5.0
						1.0	3.5	2.0
						.6	2.6	2.0
						.9	2.6	2.0
						46.4		
						100.0	3.1	4.0

RVATIONS 7440

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 74206) STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	+
(DEGREES)									
(N) 350-010	2.8	.4	.1						
020-040	4.7	1.5							
050-070	2.2	.2							
(E) 080-100	1.2	.2							
110-130	1.7	.1							
140-160	3.7	1.1	.2						
(S) 170-190	5.7	1.1	1.3	1.1					
200-220	1.5	2.1	1.4	.2					
230-250	1.2	.3	.4		.1				
(W) 260-280	.7	.3			.1				
290-310	.8	.1							
320-340	1.3	.3							
VARIABLE									
CALM	//								
TOTALS	27.7	8.3	3.4	1.3	.2				

TOTAL NUMBER OF OBSERVATIONS 1044

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: ALL

T WITH VISIBILITY GE 1/2 MILE (0800 METERS).

JT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

ED IN KNOTS

6-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.3	3.4	3.0
						6.2	3.4	3.0
						2.6	2.8	2.0
						1.4	2.7	2.0
						1.3	2.6	2.0
						5.0	3.6	3.0
						9.2	5.9	3.0
						5.3	7.2	7.0
						2.5	5.5	5.0
						1.2	4.3	2.0
						.9	2.7	2.0
						1.5	3.4	3.0
//						59.1	//////////	
						100.0	1.8	3.0

ERVATIONS 1044

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 74205 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.9	.1	.1					
020-040	1.2	.7	.1					
050-070	1.4	.4						
(E) 080-100	1.3	.5						
110-130	1.9	.5						
140-160	3.5	1.1	.5					
(S) 170-190	10.5	9.4	2.0		.1	.2	.1	
200-220	5.3	6.7	2.2	.1				
230-250	1.5	.6	1.2	.2	.1			
(W) 260-280	.6							
290-310	.4							
320-340	.5							
VARIABLE								
CALM	//							
TOTALS	30.2	20.0	6.2	.3	.2	.2	.1	

TOTAL NUMBER OF OBSERVATIONS 849

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 74 - MAY 88
MONTH: Feb HOURS: 00-02

D IN KNOTS

-24	25-34	35-44	45-54	55-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.1	2.9	2.0
						2.0	4.3	4.0
						1.3	3.4	3.0
						1.8	2.7	2.0
						2.4	3.3	3.0
						5.4	4.3	3.0
.2	.1					22.4	5.6	5.0
						14.4	6.1	6.0
						3.7	7.7	8.0
						.5	3.0	3.0
						.4	4.0	4.0
						.5	3.0	3.0
//						42.9	//////////	
.2	.1					100.0	3.0	4.0

ERVATIONS 849

: OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: FEB HOURS: 03-05

IN KNOTS								
29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.6	4.0	2.5
						2.7	4.4	4.0
						1.3	3.3	3.0
						2.0	2.8	2.0
						2.7	3.0	2.0
						8.0	4.1	3.0
.1						23.2	5.1	4.0
						12.0	7.1	5.0
.1						4.6	7.3	6.0
						.4	10.3	5.0
						.4	6.0	4.0
						.2	2.5	2.5
//						40.9	////////////	
.2						100.0	3.1	4.0

ERVATIONS 849

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.9	.2							
020-040	1.3	.7	.1						
050-070	1.5	.1							
(E) 080-100	1.8								
110-130	1.8	.2							
140-160	4.7	2.7	.4						
(S) 170-190	3.7	9.2	3.8	.1					
200-220	4.0	5.2	3.3	.2					
230-250	1.4	.9	1.1	.2	.1				
(W) 260-280	.5	.1							
290-310	.4								
320-340									
VARIABLE									
CALM	//								
TOTALS	29.5	19.3	8.7	.5	.1				

TOTAL NUMBER OF OBSERVATIONS 849

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 06-08

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.1	2.9	3.0
						2.6	4.0	3.0
						1.6	3.1	3.0
						1.8	2.5	2.0
						2.0	2.9	2.0
						7.8	4.2	3.5
						22.7	5.8	5.0
						12.7	6.9	6.5
						3.8	7.3	7.0
						.6	3.2	2.0
						.4	3.0	3.0
//////////////////////////////////////						41.9	//////////	
						100.0	3.1	4.0

ERVATIONS 849

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIC

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.0	.9	.1					
020-040	3.1	1.8	.8					
050-070	3.3	.4						
(E) 080-100	1.8	.2						
110-130	.9	.2	.1					
140-160	3.9	2.1	.9					
(S) 170-190	5.3	7.9	3.8	.9				
200-220	4.2	7.9	6.1	.7	.2			
230-250	2.5	1.2	.6	.2				
(W) 260-280	1.1	.9	.2					
290-310	.3							
320-340	.9	.1						
VARIABLE								
CALM	//							
TOTALS	30.3	23.6	12.5	1.8	.2			

TOTAL NUMBER OF OBSERVATIONS 849

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 09-11

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.[illegible]	4.2	3.0
						5.7	5.0	3.5
						3.7	2.5	2.0
						2.0	3.2	3.0
						1.3	4.1	2.0
						6.9	5.1	4.0
						18.4	7.0	6.5
						19.2	7.9	8.0
						4.5	5.6	4.0
						2.2	4.8	5.0
						.8	2.1	2.0
						1.1	2.7	2.0
//						31.2	//////////	
						100.0	4.2	5.0

ERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	5.5	3.9	.5	.4					
020-040	5.4	4.2	.5	.4					
050-070	2.8	.5							
(E) 080-100	.5								
110-130	.5	.2	.1						
140-160	1.8	1.6	.2	.1					
(S) 170-190	2.5	3.9	4.2	1.5	.2				
200-220	2.3	5.7	10.2	1.3	.2				
230-250	2.1	3.5	2.8	1.3					
(W) 260-280	2.6	.9	.7	.1					
290-310	2.2	.1	.1						
320-340	3.2	.5							
VARIABLE									
CALM	//								
TOTALS	33.1	26.0	19.1	5.1	.4				

TOTAL NUMBER OF OBSERVATIONS 849

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 12-14

IN KNOTS								
29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						10.2	4.3	4.0
						11.4	4.3	4.0
						3.3	3.1	3.0
						.5	2.5	2.5
						.9	4.1	3.0
						3.8	5.3	5.5
						12.4	9.2	9.0
						21.2	9.4	10.0
						9.8	8.5	8.0
						4.4	5.0	4.0
						2.5	3.3	3.0
						3.7	2.9	2.0
//						16.0	//////////////	
						100.0	5.8	5.0

ERVATIONS 849

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.4	3.4	.7	.5				
020-040	7.2	5.5	.8	.1	.1			
050-070	2.1	.4						
(E) 080-100	.9	.1						
110-130	1.5	.1	.1					
140-160	2.7	1.3						
(S) 170-190	3.1	6.1	3.5	.5	.1			
200-220	3.2	9.3	5.5	1.1				
230-250	2.0	3.4	2.6	.7				
(W) 260-280	2.1	1.6	.9	.1				
290-310	1.4	.5						
320-340	2.2	.6						
VARIABLE								
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	33.8	32.8	14.1	3.0	.2			

TOTAL NUMBER OF OBSERVATIONS 849

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 15-17

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						10.0	5.1	4.0
						13.8	5.0	4.0
						2.5	2.3	2.0
						1.1	3.0	3.0
						1.8	3.3	3.0
						4.5	4.2	4.0
						13.3	7.6	7.0
						19.1	8.3	8.0
						8.7	7.9	8.0
						4.8	6.2	5.0
						1.9	3.1	2.5
						2.8	3.3	3.0
//////////	//////////	//////////	//////////	//////////	//////////	15.8	//////////	//////////
						100.0	5.3	6.0

SERVATIONS 849

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	3.4	.9	.2					
	020-040	5.7	1.9	.2					
	050-070	1.5	.6						
(E)	080-100	1.6	.2						
	110-130	1.4							
	140-160	4.6	2.0	.1					
(S)	170-190	9.2	9.2	2.1	.2				
	200-220	3.7	5.1	3.8	1.1				
	230-250	2.0	2.1	1.1	.2	.1			
(W)	260-280	.7	.2	.1					
	290-310		.2	.1					
	320-340	.3							
	VARIABLE								
	CALM	//////////							
	TOTALS	35.6	23.4	7.7	1.5	.1			

TOTAL NUMBER OF OBSERVATIONS 849

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD. JUN 78 - MAY 88
MONTH: FEB HOURS: 18-20

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.6	4.1	4.0
						8.3	3.6	3.0
						2.1	3.3	3.0
						1.2	3.1	3.5
						1.4	2.5	2.0
						6.7	3.9	3.0
						20.7	5.6	5.0
						14.6	7.6	7.0
						5.5	7.0	6.0
						1.1	4.3	4.0
						.4	8.3	9.0
						.8	2.4	2.0
//						31.3	//////////	
						100.0	3.7	4.0

ERVATIONS 849

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATION

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.1		.1						
020-040	3.4	1.4	.1						
050-070	1.5	.7							
(E) 080-100	1.8								
110-130	2.7	.1							
140-160	4.4	2.0	.1						
(S) 170-190	9.9	8.4	2.2	.5					
200-220	4.2	6.0	3.2	.7					
230-250	.9	1.2	.8	.2					
(W) 260-280	.9	.2							
290-310	.5								
320-340	.1								
VARIABLE									
CALM	//								
TOTALS	31.4	20.0	6.5	1.4					

TOTAL NUMBER OF OBSERVATIONS 849

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: FEB HOURS: 21-23

D IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.2	2.8	1.5
						4.9	3.7	4.0
						2.2	3.4	4.0
						1.8	2.9	3.0
						2.8	2.6	2.0
						6.5	3.7	3.0
						21.0	5.4	5.0
						14.1	7.0	7.0
						3.2	7.5	3.0
						1.2	2.3	2.0
						.5	1.8	1.5
						.1	1.0	1.0
//////////	//////////	//////////	//////////	//////////	//////////	40.5	//////////	//////////
						100.0	3.1	4.0

SERVATIONS 849

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
				WIND SPEED IN KNOTS				
(DEGREES)								
(N) 350-010	2.3	1.2	.3	.1				
020-040	3.9	2.2	.4	.1	.0			
050-070	1.9	.4						
(E) 080-100	1.4	.1	.0					
110-130	1.6	.2	.0					
140-160	3.9	1.3	.3	.0				
(S) 170-190	7.9	7.8	3.0	.5	.1	.0	.0	
200-220	3.9	6.6	4.6	.7	.1			
230-250	1.8	1.8	1.4	.4	.1	.0		
(W) 260-280	1.1	.5	.3	.0	.0			
290-310	.7	.1	.0					
320-340	1.0	.1						
VARIABLE								
CALM								
TOTALS	31.9	22.9	10.3	1.8	.3			

TOTAL NUMBER OF OBSERVATIONS 6792

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: ALL

IN KNOTS

25	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.4	4.4	4.0
						6.5	4.5	4.0
						2.3	3.1	3.0
						1.6	2.9	3.0
						1.9	3.1	2.0
						6.2	4.3	4.0
.0	.0					19.3	6.1	5.0
						15.9	7.7	8.0
.0						5.5	7.5	7.0
						1.9	5.1	4.0
						.9	3.4	3.0
						1.1	2.9	2.5
						32.6		
						100.0	3.9	5.0

ERVATIONS 6792

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.0	1.0						
020-040	4.1	3.5						
050-070	1.6	.3						
(E) 080-100	1.1							
110-130	1.4	.2						
140-160	3.5	.2						
(S) 170-190	4.8	1.7	.5					
200-220	4.5	5.6	2.5	.5	.2			
230-250	2.7	1.7	.5	.2				
(W) 260-280	.6	.8	.3					
290-310	.6	.3						
320-340	.3	.2						
VARIABLE								
CALM	//							
TOTALS	29.2	15.5	3.8	.7	.2			

TOTAL NUMBER OF OBSERVATIONS 629

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: FEB HOURS: ALL

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

T LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.9	3.1	2.0
						7.6	4.1	4.0
						1.9	2.7	2.5
						1.1	2.6	2.0
						1.6	2.6	2.0
						3.7	2.4	2.0
						7.0	3.8	2.5
						13.2	5.7	6.0
						5.1	5.3	4.0
						1.7	6.5	6.0
						1.0	3.7	3.5
						.5	3.3	3.0
//////////	//////////	//////////	//////////	//////////	//////////	50.7	//////////	//////////
						100.0	2.3	4.0

ERVATIONS 629

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 00-02

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.1	4.5	3.0
						2.2	4.4	3.5
						.5	1.6	2.0
						1.1	2.1	2.0
						1.8	3.1	3.0
						7.7	3.6	3.0
						28.1	4.1	3.0
						11.2	6.0	6.0
						1.9	7.2	7.0
						.5	6.6	6.0
						.2	8.5	8.5
						.5	2.6	2.0
//						43.1	//////////	
						100.0	2.6	4.0

ERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3	.5						
020-040	.6	.5	.1					
050-070	1.0		.1					
(E) 080-100	.6	.2						
110-130	1.6	.1						
140-160	4.8	1.6	.5					
(S) 170-190	16.8	8.1	1.1	.2				
200-220	3.3	4.4	2.3					
230-250	1.0	.2	.5	.1				
(W) 260-280	.2	.1						
290-310	.2	.2						
320-340	.6	.1						
VARIABLE								
CALM	//							
TOTALS	31.0	16.0	4.6	.3				

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 03-05

D IN KNOTS

-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						.9	4.8	5.0
						1.3	5.6	5.0
						1.1	3.0	2.0
						.9	3.0	2.5
						1.7	2.9	3.0
						7.0	4.1	3.0
						26.1	4.2	3.0
						10.0	6.7	7.0
						1.3	6.7	4.0
						.3	3.7	2.0
						.4	4.8	4.5
						.8	3.1	2.0
//////////////////////////////////////						47.7	//////////	
						100.0	2.5	4.0

ERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	.9	.1	.2					
	020-040	1.4	.5	.5		.1			
	050-070	.2	.1						
(E)	080-100	1.0							
	110-130	1.3	.1						
	140-160	4.8	2.2	.3					
(S)	170-190	14.7	8.1	1.7		.1			
	200-220	3.0	4.5	2.2	.3		.1		
	230-250	1.9	.5	.4	.1				
(W)	260-280	1.0		.1					
	290-310	.2	.1						
	320-340	.3	.1						
	VARIABLE								
	CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
	TOTALS	31.1	16.3	5.4	.4	.2	.1		

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
H HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 06-08

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.2	4.2	4.0
						2.6	5.8	4.0
						.8	2.6	2.0
						1.0	2.8	2.0
						1.4	2.1	2.0
						7.3	4.0	3.0
						24.6	4.7	4.0
.1						10.1	7.0	7.0
						3.0	5.0	3.0
						1.1	2.9	2.0
						.3	3.7	4.0
						.4	2.3	1.5
//						46.2	//////////	
.1						100.0	2.6	4.0

ERVATIONS 930

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.9	1.3	.4					
020-040	3.4	3.2	1.1					
050-070	1.3	.2	.1	.1	.1			
(E) 080-100	1.2	.1						
110-130	1.1	.4	.2					
140-160	3.4	2.8	.4					
(S) 170-190	4.8	6.8	3.7	.2	.1			
200-220	5.5	7.5	5.5	.5				
230-250	4.1	2.9	1.3	.3				
(W) 260-280	2.5	1.0	.4	.1				
290-310	.4	.3	.1					
320-340	1.5	.1						
VRBL								
CALM	//							
TOTAL	34.1	27.1	13.2	1.2	.2			

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
H HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 09-11

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.2	4.0	3.0
						7.7	5.3	5.0
						1.8	5.5	4.0
						1.3	3.0	3.0
						1.7	4.1	3.0
						6.7	5.0	4.0
						15.6	6.9	5.0
						19.0	7.1	7.0
						8.5	5.8	5.5
						4.0	4.9	4.0
						.9	4.8	4.5
						1.5	2.7	2.0
						23.9	//////////	
						100.0	4.4	5.0

ERVATIONS 930

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	7.0	5.3	1.2					
020-040	4.4	4.3	1.5					
050-070	.5	.3	.1	.1	.1			
(E) 080-100	.9							
110-130	1.0	.4		.1				
140-160	1.6	1.7	.6					
(S) 170-190	2.8	4.9	4.0	.6	.3			
200-220	3.4	3.4	5.0	1.0				
230-250	2.8	4.8	3.9	.9				
(W) 260-280	3.5	1.7	.5	.2				
290-310	3.3	.9	.1					
320-340	3.3	1.6						
VARIABLE								
CALM	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////
TOTALS	34.5	34.3	17.9	2.9	.4			

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 12-14

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						13.4	5.0	4.0
						10.2	5.6	5.0
						1.2	7.3	5.0
						.9	2.5	2.0
						1.5	4.1	2.0
						4.0	5.8	6.0
						12.7	8.1	8.0
						18.3	8.2	8.0
						12.4	8.1	8.0
						6.0	5.2	4.0
						4.3	3.4	3.0
						4.9	3.6	3.5
////	////	////	////	////	////	9.7	////////////	
						100.0	5.9	6.0

SERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	4.1	5.4	1.6					
	020-040	4.3	5.9	1.9	.1				
	050-070	1.8	.3	.1	.1				
(E)	080-100	.6	.1						
	110-130	1.0	.1	.1	.1				
	140-160	.9	2.3	.3	.2				
(S)	170-190	2.6	5.8	3.1		.3			
	200-220	2.4	6.8	5.6	.8	.1			
	230-250	3.5	3.5	3.8	.9				
(W)	260-280	3.2	3.9	1.9	.1	.1			
	290-310	4.0	1.4	.6					
	320-340	3.4	1.1						
	VARIABLE								
	CALM	//							
	TOTALS	31.8	36.6	19.0	2.3	.5			

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 15-17

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						11.1	5.8	6.0
						12.3	6.2	6.0
						2.4	3.8	2.5
						.8	2.9	2.0
						1.3	4.6	3.0
						3.7	6.2	6.0
						11.8	7.6	7.5
						15.6	8.4	8.0
						11.7	7.8	8.0
						9.2	6.6	6.0
						6.0	4.6	4.0
						4.5	3.5	3.0
//						9.7	//////////////	
						100.0	6.0	6.0

ERVATIONS 930

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 18-20

ED IN KNOTS								
5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						4.6	4.7	4.0
						11.7	4.1	4.0
						2.0	2.7	2.0
						1.5	3.0	2.0
						2.3	2.7	2.0
						7.1	3.7	3.0
						14.6	5.7	5.0
						14.3	6.7	6.0
						7.7	7.0	7.0
						4.3	5.1	4.0
						3.1	3.6	2.0
						1.1	3.2	2.5
//						25.6	//////////	
						100.0	3.8	4.0

SERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.0	.3	.1					
020-040	2.6	.9	.2					
050-070	1.5							
(E) 080-100	1.4	.2						
110-130	1.5	.1						
140-160	6.9	1.8	.1					
(S) 170-190	14.8	7.4	1.5	.1				
200-220	4.8	5.5	2.0					
230-250	2.8	1.2	.5	.1				
(W) 260-280	.8	.1	.2					
290-310	.5	.1						
320-340	.2	.1						
VARIABLE								
CALM	//							
TOTALS	38.8	17.7	4.6	.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 21-23

IN KNOTS								
29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.4	4.2	3.0
						3.7	3.7	3.0
						1.3	1.9	2.0
						1.6	2.5	2.0
						1.6	2.9	2.0
						8.8	3.3	2.5
						23.9	4.5	4.0
						12.4	6.0	6.0
						4.6	5.0	3.0
						1.1	4.5	2.5
						.6	2.7	2.0
						.3	4.0	2.0
//						38.5	//////////////	
						100.0	2.7	4.0

ERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
			WIND SPEED IN KNOTS					
(DEGREES)								
(N) 350-010	2.7	1.9	.5					
020-040	3.2	2.5	.7	.0	.0			
050-070	1.1	.1	.1	.0	.0			
(E) 080-100	1.0	.1	.0					
110-130	1.4	.2	.0	.0				
140-160	4.2	2.0	.3	.0				
(S) 170-190	10.3	6.8	2.2	.2	.1			
200-220	4.0	6.1	3.5	.4	.0	.0		
230-250	2.4	2.1	1.6	.3				
(W) 260-280	1.7	1.1	.5	.1	.0			
290-310	1.4	.5	.1					
320-340	1.3	.5						
VARIABLE								
CALM	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	34.7	23.9	9.5	1.0	.1			

TOTAL NUMBER OF OBSERVATIONS 7440

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: ALL

IN KNOTS

29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						5.1	5.0	4.0
						6.5	5.2	4.5
						1.4	3.7	2.0
						1.1	2.7	2.0
						1.7	3.3	2.0
						6.5	4.2	4.0
						19.7	5.3	4.0
.0						13.9	7.1	7.0
						6.5	6.9	6.0
						3.3	5.5	4.0
						2.0	4.0	4.0
						1.8	3.3	3.0
////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	4.3	1.7	.5					
020-040	4.3	2.6	.2					
050-070	3.1	.2						
(E) 080-100	1.0							
110-130	1.7							
140-160	1.2	.5						
(S) 170-190	7.0	2.2	.7					
200-220	2.6	4.6	2.9					
230-250	3.6	1.4	.5					
(W) 260-280	1.7	2.2	.5					
290-310	1.4	.7	.2					
320-340	1.9	.5						
VARIABLE								
CALM	//							
TOTALS	33.8	16.1	6.0					

TOTAL NUMBER OF OBSERVATIONS 416

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAR HOURS: ALL

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

T LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						6.5	3.9	2.0
						7.2	4.8	4.0
						3.4	2.1	2.0
						1.0	2.3	2.0
						1.7	1.7	2.0
						1.7	4.3	2.0
						9.9	3.7	2.0
						10.1	7.1	6.0
						5.5	4.1	3.0
						4.3	5.6	5.0
						2.4	4.7	3.5
						2.4	3.1	2.5
//						44.0	//////////////	
						100.0	2.5	3.0

ERVATIONS 416

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUR
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.6	.2						
020-040	1.4	.4						
050-070	.7	.1						
(E) 080-100	.1							
110-130	.7							
140-160	5.7	1.3	.3					
(S) 170-190	21.0	9.2	1.0					
200-220	4.9	6.6	1.7	.4				
230-250	1.4	.3						
(W) 260-280	1.1	.2	.1					
290-310	.6	.1						
320-340								
VARIABLE								
CALM	//							
TOTALS	33.4	18.9	3.1	.4				

TOTAL NUMBER OF OBSERVATIONS 900

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR HOURS: 00-02

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.8	2.9	2.0
						1.9	2.8	2.0
						.3	2.9	3.0
						.1	1.0	1.0
						.7	1.8	2.0
						7.3	3.6	3.0
						31.2	4.0	3.0
						13.6	6.1	5.0
						2.3	3.6	3.0
						1.4	4.2	4.0
						.7	2.7	2.0
//						39.2	//////////	
						100.0	2.6	4.0

ERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD A.B WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010								
020-040	.6	.2						
050-070	.6	.1						
(E) 080-100	.6							
110-130	1.1							
140-160	5.0	1.7	.1					
(S) 170-190	20.1	8.6	1.3	.2				
200-220	4.6	4.9	1.3	.1				
230-250	1.8	1.0	.4					
(W) 260-280	.3	.1						
290-310	.3	.1						
320-340		.1						
VARIABLE								
CALM	//							
TOTALS	35.5	16.8	3.0	.4				

TOTAL NUMBER OF OBSERVATIONS 900

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR HOURS: 03-05

PEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.8	3.1	2.0
						.7	2.8	2.5
						.6	2.0	2.0
						1.1	2.1	2.0
						5.8	3.6	3.0
						30.2	4.2	4.0
						10.9	5.8	6.0
						3.2	5.0	4.0
						.9	2.5	2.0
						.4	3.5	2.0
						.1	5.0	5.0
//						44.3	////////////	
						100.0	2.4	4.0

OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUB
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N)	350-010	.7	.3	.1					
	020-040	2.2	1.1	.1					
	050-070	1.0	.7						
(E)	080-100	.3	.1						
	110-130	.3	.1						
	140-160	3.7	1.5	.1					
(S)	170-190	14.2	10.0	1.7					
	200-220	4.3	7.0	3.4	.3				
	230-250	2.6	1.6						
(W)	260-280	.6	.2	.1					
	290-310	.3							
	320-340	.1							
	VARIABLE								
	CALM	//							
	TOTALS	30.3	22.7	5.5	.3				

TOTAL NUMBER OF OBSERVATIONS 900

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 06-08

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.1	3.9	3.5
						3.4	3.8	3.0
						1.7	3.5	3.0
						.9	2.9	2.5
						.4	3.0	2.5
						5.3	3.8	3.5
						25.9	4.7	4.0
						15.1	6.8	5.0
						4.1	4.2	4.0
						.9	5.0	4.0
						.3	2.7	2.0
						.1	1.0	1.0
////	////	////	////	////	////	40.7	////	////
						100.0	2.9	4.0

SERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	4.7	4.7	.7	.1				
	020-040	4.3	4.0	.6					
	050-070	1.4	.3						
(E)	080-100	.6							
	110-130	.1	.1						
	140-160	1.0	1.0	.4					
(S)	170-190	3.0	6.6	3.0					
	200-220	4.1	10.4	7.6	.2	.1			
	230-250	4.3	5.8	2.9					
(W)	260-280	3.8	2.3	.4					
	290-310	1.1	.2						
	320-340	3.3	.7						
	VARIABLE								
	CALM	//////////							
	TOTALS	31.7	37.6	15.6	.3	.1			

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 09-11

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						10.1	4.8	5.0
						8.9	5.0	5.0
						2.2	3.8	3.5
						.6	3.2	4.0
						.2	3.5	3.5
						2.4	5.7	5.0
						12.6	7.1	7.0
						22.4	8.0	8.0
						14.0	6.4	6.0
						6.6	4.7	4.0
						1.3	2.9	2.0
						4.0	2.9	2.0
////////////////////////////////						////////	14.7	//////////////
						100.0	5.2	6.0

SERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	6.1	8.3	1.8					
020-040	3.6	4.9	.8					
050-070	1.0	.2						
(E) 080-100		.2						
110-130	.1	.1						
140-160	.4	1.2	.3					
(S) 170-190	1.7	3.9	2.8	.4				
200-220	2.3	8.6	7.7	1.1	.1			
230-250	3.2	6.2	5.4	.8	.1			
(W) 260-280	3.0	4.1	1.6	.4	.1			
290-310	2.6	1.8	.4					
320-340	4.8	2.8						
VARIABLE								
CALM	//							
TOTALS	29.8	42.3	20.8	2.7	.3			

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: APR HOURS: 12-14

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						16.2	5.6	5.0
						9.2	5.5	5.0
						1.2	2.8	2.0
						.2	6.0	6.0
						.2	5.5	5.5
						2.0	6.6	6.5
						8.8	8.2	8.0
						19.8	8.9	9.0
						15.3	8.2	8.0
						9.2	6.8	5.0
						4.8	4.6	4.0
						7.6	4.0	4.0
//						5.0	//////////	
						100.0	6.5	6.0

SERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUB
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.3	6.8	2.8	.1				
020-040	3.6	6.4	.7					
050-070	.8	.7						
(E) 080-100	.3							
110-130	.5	.2						
140-160	1.2	.4	.3					
(S) 170-190	1.8	5.3	2.9	.4				
200-220	2.6	6.9	4.0	.6				
230-250	3.2	5.8	4.7	.3				
(W) 260-280	4.3	6.1	3.2	.8	.1			
290-310	4.4	2.3	.3					
320-340	3.5	1.7	.1	.1				
VARIABLE								
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	31.7	42.6	19.0	2.3	.1			

TOTAL NUMBER OF OBSERVATIONS 900

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 15-17

) IN KNOTS								
-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						17.0	6.5	6.0
						10.7	5.7	6.0
						1.4	4.5	4.0
						.3	2.0	1.0
						.8	3.7	2.0
						2.0	5.2	4.0
						10.4	7.8	8.0
						14.0	8.2	8.0
						14.0	7.8	8.0
						14.5	7.2	7.0
						7.1	4.4	4.0
						5.4	4.2	4.0
//////////						4.2	//////////	
						100.0	6.4	6.0

ERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.9	4.1	.3					
020-040	7.3	5.0	.4					
050-070	2.3	.3						
(E) 080-100	.9							
110-130	.8	.1						
140-160	2.0	.6	.4					
(S) 170-190	4.6	6.9	1.6	.1				
200-220	4.0	6.3	2.0	.7				
230-250	4.0	5.7	2.1		.1			
(W) 260-280	4.8	4.7	1.4	.2				
290-310	2.7	1.2	.1					
320-340	1.7	.3						
VARIABLE								
CALM	//							
TOTALS	39.5	36.2	8.3	1.0	.1			

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 18-20

D IN KNOTS -29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.3	5.2	5.0
						13.2	4.4	4.0
						2.7	2.8	2.0
						.9	2.0	2.0
						.2	3.4	3.5
						3.0	4.2	3.0
						13.1	5.8	6.0
						13.0	6.8	6.0
						12.9	6.5	6.0
						11.1	5.7	5.0
						4.0	4.1	4.0
						2.0	3.3	3.0
//						14.9	//////////	
						100.0	4.6	5.0

ERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE S
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-
(N) 350-010	1.7	.2						
020-040	4.3	.9	.1					
050-070	.6							
(E) 080-100	1.1	.1						
110-130	1.2	.3						
140-160	4.9	1.5	.2	.1				
(S) 170-190	11.7	10.9	1.6	.2				
200-220	5.0	5.7	2.4	.1				
230-250	2.9	2.2	.3					
(W) 260-280	2.9	.4		.1				
290-310	1.4	.1						
320-340	.2							
VARIABLE								
CALM	//							
TOTALS	38.9	23.4	4.6	.5				

TOTAL NUMBER OF OBSERVATIONS 900

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 21-23

IN KNOTS								
-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.9	3.1	3.0
						5.3	3.2	2.0
						.5	2.2	2.0
						1.2	3.2	3.0
						1.6	3.2	2.5
						5.3	3.9	3.0
						24.3	5.1	5.0
						15.2	6.0	6.0
						5.4	4.6	4.0
						3.4	3.4	3.0
						1.6	2.1	2.0
						.2	1.0	1.0
//						32.4	//////////	
						100.0	3.1	4.0

ERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

		WIND SPEED IN KNOTS							
	DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
	(DEGREES)								
(N)	350-010	2.9	3.1	.7	.0				
	020-040	3.5	2.9	.3					
	050-070	1.0	.4						
(E)	080-100	.5	.1						
	110-130	.6	.1						
	140-160	3.0	1.2	.3	.0				
(S)	170-190	9.8	7.7	2.0	.2				
	200-220	4.1	7.2	3.8	.4	.0			
	230-250	2.9	3.9	2.0	.1	.0			
(W)	260-280	2.7	2.3	.9	.2	.0			
	290-310	1.7	.7	.1					
	320-340	1.7	.7	.0	.0				
	VARIABLE								
	CALM								
	TOTALS	34.4	30.3	10.1	.°				

TOTAL NUMBER OF OBSERVATIONS 7290

(OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
R IM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: ALL

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						6.7	5.5	5.0
						6.7	4.7	4.0
						1.4	3.3	3.0
						.6	2.8	2.0
						.7	3.0	2.0
						4.5	4.1	3.0
						19.6	5.2	5.0
						15.5	7.2	7.0
						9.0	6.7	6.0
						6.0	6.0	5.0
						2.5	4.0	4.0
						2.4	3.7	3.0
						24.4		
						100.0	4.2	5.0

BSERVATIONS 7200

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LSI ID UIC: * 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	1.6	2.0						
020-040	4.9	2.4						
050-070	1.6	.8						
(E) 080-100	1.2							
110-130								
140-160	.8							
(S) 170-190	7.3	2.9	1.2					
200-220	7.8	5.3	3.7		.4			
230-250	6.3	4.1	.8					
(W) 260-280	3.3	.8						
290-310	1.6	.4						
320-340	.8							
VARIABLE								
CALM	//							
TOTALS	37.8	18.7	5.7		.4			

TOTAL NUMBER OF OBSERVATIONS 246

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR HOURS: ALL

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

T LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.7	4.2	5.0
						7.3	3.9	4.0
						2.4	3.5	3.0
						1.2	2.7	3.0
						.8	2.0	2.0
						11.4	4.5	3.5
						17.1	6.4	6.0
						11.9	4.1	3.0
						4.1	3.3	2.5
						2.0	3.6	3.0
						.8	1.5	1.5
//						37.1	//////////////	
						100.0	2.9	4.0

ERVATIONS 245

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SU
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
EST TO UTC: +8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.2							
020-040	.9	.1						
050-070	.4							
(E) 080-100	.4							
110-130	.8							
140-160	5.2	.3						
(S) 170-190	19.7	4.7	.1					
200-220	8.9	5.1	.2					
230-250	2.7	.2	.1					
(W) 260-280	1.8	.2						
290-310	1.3	.1						
320-340	.1							
VARIABLE								
CALM	//							
TOTALS	43.7	11.4	.4					

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 00-02

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.2	2.5	2.5
						1.0	2.4	2.0
						.4	1.5	1.5
						.4	2.0	2.0
						.8	2.1	2.0
						5.3	2.3	2.0
						24.5	3.3	3.0
						14.2	4.3	4.0
						3.7	3.9	4.0
						2.0	2.5	2.0
						1.4	2.3	2.0
						.1	2.0	2.0
//						44.5	////////////	
						100.0	1.9	3.0

SERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3							
020-040	.4							
050-070	.3							
(E) 080-100	.3	.1						
110-130	.9							
140-160	5.2	1.0						
(S) 170-190	19.0	4.3	.3					
200-220	7.0	5.2	.2					
230-250	2.2	.5	.1					
(W) 260-280	1.0	.2						
290-310	.1							
320-340	.2							
VARIABLE								
CALM	//////////							
TOTALS	37.5	11.4	.6					

TOTAL NUMBER OF OBSERVATIONS 930

A

F OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 03-05

IN KNOTS 29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.3	1.7	2.0
						.4	1.5	1.5
						.3	2.0	1.0
						.4	2.3	1.0
						.9	2.1	2.0
						6.1	2.9	2.0
						23.7	3.2	3.0
						12.4	4.5	4.0
						2.9	3.6	3.0
						1.2	3.2	2.0
						.1	1.0	1.0
						.8	2.6	2.0
//						50.5	////////////	
						100.0	1.7	3.(

ERVATIONS 930

OPERATING LOCATION "AM" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	1.7	.4						
020-040	2.4	1.1						
050-070	.6							
(E) 080-100	.4	.1						
110-130	.3	.1						
140-160	2.9	.6	.2					
(S) 170-190	11.2	7.4	.6					
200-220	9.5	7.6	1.5	.1				
230-250	4.0	2.5	.2					
(W) 260-280	2.6	.5						
290-310	.9	.1						
320-340	.8							
VARIABLE								
CALM	//							
TOTALS	37.3	20.4	2.5	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 06-08

) IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.2	2.5	2.0
						3.4	3.7	3.0
						.6	2.0	2.0
						.5	3.0	2.0
						.4	3.0	2.5
						3.3	3.6	2.0
						19.2	4.4	4.0
						18.7	5.0	4.0
						6.7	4.3	4.0
						3.1	3.4	3.0
						1.0	2.6	2.0
						.8	2.3	2.0
//						39.6	//////////	
						100.0	2.6	4.0

ERVATIONS 930

D

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV.

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.1	3.7	.4					
020-040	3.3	3.1	.3					
050-070	.3	.2						
(E) 080-100	.6	.1						
110-130	.4							
140-160	1.2	.5	.1					
(S) 170-190	3.9	4.0	1.6	.1				
200-220	5.5	8.1	3.3					
230-250	6.2	5.5	1.7	.3	.2			
(W) 260-280	7.3	2.9	.2					
290-310	4.3	.8						
320-340	4.7	.5						
VARIABLE								
CALM	//							
TOTALS	47.4	29.5	7.6	.4	.2			

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 09-11

IN KNOTS

29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						12.2	4.2	4.0
						7.2	4.3	4.0
						1.1	2.9	2.0
						.8	2.6	2.0
						.4	2.3	2.0
						1.8	3.5	3.0
						9.6	6.0	5.0
						15.9	6.3	6.0
						14.0	5.7	5.0
						10.4	3.9	4.0
						5.6	2.6	2.0
						5.4	2.9	2.5
//						14.7	//////////////	
						100.0	4.1	4.0

ERVATIONS 930

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURF
FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.0	5.3	.9					
020-040	4.3	5.1	.6					
050-070	1.7	.4	.1					
(E) 080-100	.3	.3						
110-130	1.1							
140-160	.9	.2			.1			
(S) 170-190	2.3	2.3	.9	.2				
200-220	4.1	.6	2.9	.3				
230-250	4.3	3.1	2.2	.8				
(W) 260-280	6.2	5.4	1.1	.5				
290-310	5.9	3.1	.6					
320-340	6.2	3.0	.3					
VARIABLE								
CALM	//							
TOTALS	44.3	37.8	9.6	1.8	.1			

TOTAL NUMBER OF OBSERVATIONS 930

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 12-14

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						12.2	4.9	5.0
						10.0	5.3	5.0
						2.3	3.2	2.0
						1.1	3.4	2.0
						1.1	2.3	2.0
						1.2	5.4	4.0
						5.6	6.4	6.0
						11.9	6.7	7.0
						15.3	6.8	6.0
						13.2	5.5	5.0
						9.7	4.5	4.0
						9.6	4.0	4.0
//////////	//////////	//////////	//////////	//////////	//////////	6.5	//////////	//////////
						100.0	5.1	5.0

ERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SUB
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	5.4	5.7	1.2					
	020-040	4.6	5.9	.9					
	050-070	1.6	.4						
(E)	080-100	.5	-						
	110-130	.4	.3						
	140-160	1.7	.9						
(S)	170-190	1.7	1.8	.4	.2				
	200-220	3.0	4.4	1.9	.2				
	230-250	4.5	5.0	2.7	1.2	.1			
(W)	260-280	6.3	8.3	2.3	.4	.1			
	290-310	5.3	4.7	.3					
	320-340	5.5	2.8	.2					
	VARIABLE								
	CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
	TOTALS	41.5	40.2	9.9	2.0	.2			

TOTAL NUMBER OF OBSERVATIONS 928

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUL 73 - MAY 83
MONTH: MAY HOURS: 15-17

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						12.3	5.3	5.0
						11.4	5.3	5.0
						2.2	3.4	3.0
						.5	3.0	3.0
						.9	3.7	4.0
						2.6	4.1	3.0
						4.2	5.1	5.0
						9.6	6.6	5.0
						13.5	7.5	6.0
						17.3	6.3	6.0
						11.3	4.7	4.0
						3.5	4.3	4.0
//////////////	//////////////	//////////////	//////////////	//////////////	//////////////	5.9	//////////////	//////////////
						100.0	5.4	5.0

SERVATIONS 928

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 74260 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.9	4.1	.2					
020-040	6.3	5.0	.3					
050-070	2.2	.1						
(E) 080-100	.6							
110-130	.5							
140-160	2.3	1.0						
(S) 170-190	3.2	2.4	.2	.2				
200-220	3.3	3.7	1.2					
230-250	5.0	6.4	2.4	.1				
(W) 260-280	9.5	10.0	1.1	.1				
290-310	5.5	1.7	.3					
320-340	1.6	.3	.1					
VARIABLE								
CALM	//							
TOTALS	46.1	35.3	5.8	.4				

TOTAL NUMBER OF OBSERVATIONS 927

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 18-20

D IN KNOTS 5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.2	4.8	5.0
						12.1	4.4	4.0
						2.3	3.0	3.0
						.6	2.5	2.0
						.5	2.2	2.0
						3.2	3.7	4.0
						5.0	5.0	4.0
						8.6	5.5	5.0
						13.8	5.3	6.0
						20.7	5.2	5.0
						8.5	3.6	3.0
						2.3	3.6	3.0
//						12.5	//////////	
						100.0	4.3	4.0

SERVATIONS 927

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	1.3	.3						
020-040	4.1	.4						
050-070	.5							
(E) 080-100	.6							
110-130	.4							
140-160	5.0	.5						
(S) 170-190	10.2	2.6	.2	.1				
200-220	7.9	5.7	.3					
230-250	7.7	2.4	.4					
(W) 260-280	5.2	1.2						
290-310	2.7	.8	.1					
320-340	.4	.1						
VARIABLE								
CALM	//							
TOTALS	46.5	15.0	1.5	.1				

TOTAL NUMBER OF OBSERVATIONS 927

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 21-23

ED IN KNOTS 30-34	35-39	40-49	50-54	OR 55	TOTAL %	MEAN WIND	MEDIAN WIND
					2.2	3.0	3.0
					4.5	2.9	3.0
					.5	3.0	3.0
					.6	1.3	1.0
					.4	2.0	2.0
					5.5	2.7	2.0
					13.2	3.6	3.0
					15.3	4.8	4.0
					10.5	3.5	3.0
					6.4	3.1	3.0
					3.6	3.3	3.0
					.5	3.2	3.0
//					36.7	//////////	
					100.0	2.3	3.0

SERVATIONS 927

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.4	2.4	.3					
020-040	3.4	2.6	.3					
050-070	1.0	.1	.0					
(E) 080-100	.5	.1						
110-130	.5	.1						
140-160	3.2	.5	.0		.0			
(S) 170-190	8.9	3.7	.5	.1				
200-220	6.2	5.7	1.5	.1				
230-250	4.5	3.9	1.2	.3	.0			
(W) 260-280	5.0	3.6	.6	.1	.0			
290-310	3.6	1.4	.2					
320-340	2.5	.9	.1					
VARIABLE								
CALM	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	43.0	25.1	4.8	.6				

TOTAL NUMBER OF OBSERVATIONS 7432

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

S WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: ALL

EED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						6.2	4.6	4.0
						6.3	4.5	4.0
						1.2	3.0	2.0
						.6	2.6	2.0
						.7	2.5	2.0
						1.9	3.2	2.0
						13.3	4.1	4.0
						13.5	5.4	5.0
						10.1	5.8	5.0
						9.3	5.0	4.0
						5.1	3.9	3.0
						3.5	3.7	3.0
						26.4		
						100.0	3.4	4.0

BSERVATIONS 7432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.5							
020-040	.9	.9						
050-070		.5						
(E) 080-100	.5							
110-130	.5							
140-160	2.3							
(S) 170-190	11.0	1.8						
200-220	11.4	7.3	2.3					
230-250	3.2	1.4						
(W) 260-280	9.1	.9						
290-310	2.7	.5						
320-340	1.8	.5						
VARIABLE								
CALM	//////////							
TOTALS	48.9	13.8	2.3					

TOTAL NUMBER OF OBSERVATIONS 219

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

IT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

ED IN KNOTS

25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.5	2.0	2.0
						1.8	4.8	5.0
						.5	5.0	5.0
						.5	2.0	2.0
						.5	4.0	4.0
						2.3	2.5	2.0
						12.8	2.9	2.5
						21.0	4.8	4.0
						9.6	3.0	2.0
						10.0	2.9	2.5
						3.2	2.4	1.0
						2.3	2.2	1.0
//////////	//////////	//////////	//////////	//////////	//////////	35.2	//////////	
						100.0	2.3	3.0

SERVATIONS 219

6

C - 4 - 50

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 74206) STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7							
020-040	.5	.1						
050-070	.3	.1						
(E) 080-100	.4							
110-130	.2							
140-160	3.5	.4						
(S) 170-190	17.1	4.7	.2					
200-220	6.4	5.9	.6					
230-250	4.4	.9	.2					
(W) 260-280	3.2	.2						
290-310	1.0							
320-340	.1							
VARIABLE								
CALM	//							
TOTALS	38.2	12.3	1.0					

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUN HOURS: 00-02

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.7	2.5	2.5
						.7	2.2	2.0
						.4	2.0	1.0
						.4	1.5	1.5
						.2	2.0	2.0
						4.2	2.4	2.0
						22.0	3.3	3.0
						12.9	4.8	4.5
						5.5	3.0	2.0
						3.4	2.5	2.0
						1.0	2.2	2.0
						.1	1.0	1.0
//						48.3	//////////	
						100.0	1.8	3.0

SERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 74260 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010								
020-040	.4	.4	.1					
050-070	.5							
(E) 080-100	.5							
110-130	.3							
140-160	3.5							
(S) 170-190	19.8	3.9						
200-220	6.8	5.0	.9					
230-250	3.7	.7						
(W) 260-280	1.4	.2						
290-310	.8							
320-340								
VARIABLE								
CALM	//							
TOTALS	37.7	10.2	1.0					

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUN HOURS: 03-05

ED IN KNOTS 1-3	4-6	7-10	11-16	17-21	22-27	28-33	34-40	41-47	48-55	GE 56	TOTAL %	MEAN WIND	MEDIAN WIND
											1.0	4.9	5.0
											.5	2.2	2.0
											.6	1.8	1.0
											.3	1.3	1.0
											3.3	2.1	2.0
											23.7	3.0	2.0
											12.2	4.3	4.0
											4.3	3.0	2.0
											1.7	3.0	3.0
											.8	1.6	2.0
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUR
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.3	1.0	.1					
020-040	3.8	1.4	.3					
050-070	1.9	.3						
(E) 080-100	.8							
110-130	1.0	.1						
140-160	2.4	.3						
(S) 170-190	10.8	4.1	.1					
200-220	10.4	7.1	1.2					
230-250	6.2	4.3						
(W) 260-280	2.6	.2						
290-310	1.1	.2						
320-340	1.3							
VARIABLE								
CALM	//							
TOTALS	45.0	21.0	1.7					

TOTAL NUMBER OF OBSERVATIONS 900

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
(3M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 85
MONTH: JUN HOURS: 06-08

SPEED IN KNOTS 30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					3.4	3.6	2.0
					5.6	3.7	2.5
					2.2	3.4	3.0
					.8	1.6	2.0
					1.1	2.6	2.0
					2.8	2.8	2.0
					15.0	3.8	4.0
					20.8	4.9	4.0
					11.2	4.0	4.0
					2.8	2.6	2.0
					1.3	3.2	3.5
					1.0	1.6	1.0
//					32.0	//////////	
					100.0	2.7	4.0

SERVATIONS 900

OPERATING LOCATION 'A' PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	6.7	5.8	1.0					
020-040	6.2	2.3	1.1					
050-070	1.6	.3	.1					
(E) 080-100	.4							
110-130	1.2	.2						
140-160	1.4	.7						
(S) 170-190	2.6	4.4	.7					
200-220	5.1	9.2	1.7					
230-250	3.0	5.3	1.4					
(W) 260-280	5.6	1.8	.3					
290-310	4.2	1.1						
320-340	4.6	1.1						
VARIABLE								
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	48.8	33.2	6.3					

TOTAL NUMBER OF OBSERVATIONS 900

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 09-11

D IN KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					13.4	5.0	5.0
					9.7	4.7	4.0
					2.2	2.9	2.0
					.4	3.3	3.5
					1.4	2.7	2.0
					2.1	3.6	3.0
					7.7	5.4	5.0
					17.0	5.7	6.0
					15.8	5.2	4.0
					7.7	3.8	4.0
					5.3	3.4	3.0
					5.7	3.2	3.0
					11.5		
					100.0	4.2	4.0

SERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SU
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	5.6	6.0	1.8					
020-040	4.3	6.7	1.8					
050-070	1.3	.5						
(E) 080-100	.6							
110-130	.3	.1						
140-160	2.0	.6						
(S) 170-190	2.6	3.6	.2					
200-220	3.6	7.3	1.7					
230-250	4.2	7.1	3.4	.1				
(W) 260-280	5.4	4.4	.7					
290-310	7.4	2.9	.6					
320-340	6.0	2.3						
VARIABLE								
CALM	//							
TOTALS	43.3	41.6	10.2	.1				

TOTAL NUMBER OF OBSERVATIONS 900

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 12-14

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						13.3	5.6	5.0
						12.8	6.0	5.0
						1.3	3.4	4.0
						.6	2.6	2.0
						.4	3.0	2.5
						2.6	3.0	3.0
						6.3	5.2	5.0
						12.6	6.4	5.0
						14.9	6.3	6.0
						10.6	5.1	4.0
						10.9	4.2	4.0
						8.3	3.9	4.0
//						4.9	//////////	
						100.0	5.2	5.0

SERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURF
FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.8	6.1	1.4					
020-040	5.3	8.0	1.6	.1				
050-070	2.3	.3						
(E) 080-100	.6							
110-130	.7							
140-160	1.1	.3						
(S) 170-190	2.0	2.8						
200-220	2.3	5.2	1.2	.2				
230-250	4.1	5.3	3.0		.1			
(W) 260-280	5.1	8.3	2.6	.1				
290-310	5.7	3.9	.4					
320-340	5.7	2.0						
VARIABLE								
CALM	//							
TOTALS	49.4	44.7	10.2	.4	.1			

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUN HOURS: 15-17

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						12.3	5.7	5.0
						15.0	5.8	5.0
						3.1	3.3	4.0
						.6	1.6	2.0
						.7	2.3	2.0
						1.4	3.3	3.0
						4.8	4.7	5.0
						10.4	6.2	5.0
						13.6	6.7	6.0
						16.1	6.2	5.0
						10.2	4.5	4.0
						7.7	3.7	4.0
//						4.1	////////////	
						100.0	5.3	5.0

SERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SU
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.1	3.7	.3					
020-040	10.1	3.2	1.3					
050-070	2.5	.4						
(E) 080-100	.9	.2						
110-130	.3	.1						
140-160	1.1	.2						
(S) 170-190	3.7	1.9						
200-220	4.5	5.9	.2					
230-250	3.0	4.0	1.2	.2				
(W) 260-280	3.3	11.7	1.1					
290-310	5.1	2.8	.1					
320-340	3.3	.6						
VARIABLE								
CALM	//							
TOTALS	47.1	39.7	4.7	.2				

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 85
MONTH: JUN HOURS: 18-20

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.5	5.6	5.0
						19.7	4.9	4.0
						3.2	3.1	3.0
						1.1	3.2	3.5
						.4	2.5	1.5
						1.3	2.6	2.0
						5.6	4.1	4.0
						10.7	4.9	5.0
						8.4	6.2	6.0
						21.1	5.3	5.0
						9.0	3.7	3.0
						3.3	3.1	3.0
//						8.2	//////////	
						100.0	4.4	4.0

OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SUR
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.3	.7						
020-040	7.1	.4						
050-070	.6							
(E) 080-100	.6							
110-130	.2							
140-160	2.7	.1						
(S) 170-190	8.1	3.1						
200-220	9.4	5.1	.4					
230-250	6.0	2.1	.4					
(W) 260-280	10.2	1.8	.1					
290-310	4.6	.6						
320-340	1.3	.1						
VARIABLE								
CALM	//							
TOTALS	53.1	14.0	.9					

TOTAL NUMBER OF OBSERVATIONS 900

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUN HOURS: 21-23

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						3.0	3.1	3.0
						7.6	2.8	2.0
						.6	1.6	2.0
						.6	2.0	2.0
						.2	1.5	1.5
						2.3	2.2	2.0
						11.2	3.8	4.0
						15.0	4.3	4.0
						8.5	4.0	4.0
						12.1	3.1	3.0
						5.1	2.5	2.0
						1.4	2.1	2.0
//						31.9	//////////	
						100.0	2.3	3.0

OBSERVATIONS 900

OPERATING LOCATION "AM" PERCENTAGE FREQUENCY OF OCCURRENCE SUB
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(DEGREES)								
(N) 350-010	3.2	2.9	.6					
020-040	4.7	3.5	.8	.0				
050-070	1.4	.3	.0					
(E) 080-100	.5	.0						
110-130	.5	.1						
140-160	2.3	.3						
(S) 170-190	8.3	3.6	.2					
200-220	5.2	6.7	1.0	.0				
230-250	5.0	4.0	1.2	.0	.0			
(W) 260-280	5.2	3.6	.6	.0				
290-310	3.9	1.4	.1					
320-340	2.8	.3						
VARIABLE								
CALM								
TOTALS	44.1	27.2	4.5					

TOTAL NUMBER OF OBSERVATIONS 7200

A

C - 4 - 5

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUN HOURS: ALL

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	55	TOTAL %	MEAN WIND	MEDIAN WIND
						5.7	5.2	5.0
						9.0	4.9	4.0
						1.7	3.2	3.0
						.5	2.3	2.0
						.5	2.5	2.0
						2.6	2.7	2.0
						12.0	3.9	3.0
						13.9	5.2	5.0
						10.3	5.3	5.0
						9.4	4.7	4.0
						5.5	3.7	3.0
						3.5	3.4	3.0
//						24.0	////////////	
						100.0	3.4	4.0

OBSERVATIONS 7200

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SU
FROM HOURLY OBSERVA

STATION NUMBER: 742900 STATION NAME: MCCHORD AFB WASHINGTON
LST IS UTC: + 8

CATEGORY A: CEILING OF 200 BUT LESS THAN 1500 FEET WITH VISIBILITY
AND/OR
VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MI

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-
(N) 340-010	.9							
020-040	1.7	.4						
050-070	.9	.4						
(E) 080-100								
110-130	.4							
140-160	2.1	.4						
(S) 170-190	10.2	4.3						
200-220	13.2	9.8	.9					
230-250	14.2	6.0						
(W) 260-280	6.8	.4						
290-310	1.7	1.3						
320-340	.9							
VARIABLE								
CALM	//							
TOTALS	52.4	23.0	.9					

TOTAL NUMBER OF OBSERVATIONS 235

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OF HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: ALL

WITH VISIBILITY OF 1/2 MILE (0800 METERS).

OF LESS THAN 3 MILES (4800 METERS) WITH CEILING OF 200 FEET.

IN KNOTS

						TOTAL %	MEAN WIND	MEDIAN WIND
						.9	2.0	2.0
						2.1	3.8	4.0
						1.3	4.0	4.0
						.4	2.0	2.0
						2.1	2.5	2.0
						14.5	3.7	4.0
						23.3	4.7	4.0
						20.0	3.5	3.0
						7.2	2.6	2.0
						3.0	3.3	2.0
						.2	1.5	1.5
//						23.8	//////////	
						100.0	2.9	3.0

SERVATIONS 235

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.4							
020-040	2.0	.2						
050-070	.1		.1					
(E) 080-100	.1							
110-130	.3	.1						
140-160	5.2	.1						
(S) 170-190	15.1	2.5	.1					
200-220	11.5	3.5	.4					
230-250	5.3	1.2	.1					
(W) 260-280	2.6	.1						
290-310	.5							
320-340	.4							
VARIABLE								
CALM	//							
TOTALS	43.5	7.7	.7					

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: JUL HOURS: 00-02

D IN KNOTS 29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						.4	3.0	3.5
						2.3	2.5	2.0
						.2	6.5	5.5
						.1	1.0	1.0
						.4	2.3	1.5
						5.3	2.1	2.0
						17.6	3.0	2.0
						15.5	3.7	3.0
						5.6	3.2	2.0
						2.7	2.3	2.0
						.5	2.0	2.0
						.4	1.8	2.0
//						48.0	//////////	
						100.0	1.6	2.0

SERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.8	.1						
020-040	1.1							
050-070	.3							
(E) 080-100	.1							
110-130	.6							
140-160	4.0	.1						
(S) 170-190	14.0	3.1						
200-220	10.0	3.4	.4					
230-250	4.6	.8						
(W) 260-280	1.8							
290-310	.6							
320-340	.2							
VARIABLE								
CALM	//////////							
TOTALS	39.0	7.5	.4					

TOTAL NUMBER OF OBSERVATIONS 930

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 03-05

PEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						.9	2.6	2.0
						1.1	2.5	2.0
						.3	2.7	2.0
						.1	3.0	3.0
						.6	1.7	2.0
						5.1	1.9	2.0
						17.1	3.0	2.0
						13.9	3.9	4.0
						5.4	2.9	2.5
						1.8	2.0	2.0
						.6	2.3	2.0
						.2	1.5	1.5
//						52.9	////////////	
						100.0	1.4	2.0

BSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742040 STATION NAME: MCCHORD AFB WASHINGTON
LST IS UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.2	.4	.1					
020-040	3.3	1.8						
050-070	1.1	.2						
(E) 080-100	.1							
110-130	.5							
140-160	2.3	.1						
(S) 170-190	3.0	2.7	.1					
200-220	11.1	8.1	1.1					
230-250	9.2	3.4	.1					
(W) 260-280	3.8	.5						
290-310	1.1							
320-340	1.5							
VARIABLE								
CALM	//							
TOTALS	44.2	17.2	1.4					

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 06-08

D IN KNOTS

22	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.7	3.1	2.0
						5.2	3.9	4.0
						1.3	2.7	2.0
						.1	2.0	2.0
						.5	1.8	2.0
						2.4	2.2	2.0
						10.3	3.7	3.0
						20.2	4.5	4.0
						12.9	3.6	3.0
						4.3	2.8	2.0
						1.1	2.0	2.0
						1.5	2.1	2.0
						37.2		
						100.0	2.3	3.0

SERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.4	6.8	.3					
020-040	5.6	6.0	.4					
050-070	1.1	.3						
(E) 080-100	.1	.1						
110-130	.2							
140-160	.5	.1						
(S) 170-190	3.0	1.8	.5					
200-220	5.0	3.9	1.6					
230-250	3.4	7.2	1.3					
(W) 260-280	5.8	1.7	.2					
290-310	5.3	.6						
320-340	5.5	1.5						
VARIABLE								
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	50.0	34.8	4.3					

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 09-11

D IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						15.5	4.6	4.0
						12.0	4.9	5.0
						1.4	3.7	4.0
						.2	4.0	4.0
						.2	2.5	2.5
						.3	2.7	2.0
						5.4	5.1	4.0
						16.6	5.7	6.0
						15.7	5.0	4.0
						7.7	3.6	3.0
						5.9	2.9	3.0
						7.0	3.1	3.0
//						10.6	//////////	
						100.0	4.1	4.0

BSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	7.1	3.5	1.9					
020-040	4.6	8.2	1.4	.1				
050-070	.6	.3						
(E) 080-100	.3	.1						
110-130	.2							
140-160	.6	.4						
(S) 170-190	1.3	2.4	.3					
200-220	3.5	5.3	1.7					
230-250	5.4	7.6	1.9					
(W) 260-280	6.1	4.8	.8					
290-310	6.1	3.3						
320-340	7.0	2.8	.1					
VARIABLE								
CALM	//////////							
TOTALS	42.8	44.2	8.1	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 84
MONTH: JUL HOURS: 12-14

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						17.5	5.5	5.0
						14.3	5.9	6.0
						1.4	4.8	5.0
						.4	2.8	2.0
						.2	2.5	2.5
						1.1	4.5	4.0
						4.0	5.7	5.0
						10.5	6.2	6.0
						14.9	5.9	6.0
						11.7	4.8	4.0
						9.5	3.8	3.5
						9.9	3.7	3.0
////////////

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	5.1	7.5	1.6					
020-040	4.4	10.1	2.2					
050-070	1.1	1.3						
(E) 080-100	.6							
110-130	.3							
140-160	.2	.4						
(S) 170-190	1.5	1.4	.2	.1				
200-220	2.0	4.4	1.3					
230-250	3.7	5.7	1.3					
(W) 260-280	7.4	7.3	1.8	.1				
290-310	7.5	3.9	.3					
320-340	5.3	3.4	.1					
VARIABLE								
CALM	//							
TOTALS	40.8	66.4	8.8	.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

R WASHINGTON PERIOD OF RECORD: JUN 76 - MAY 88
MONTH: JUL HOURS: 15-17

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						14.2	7.7	6.0
						15.7	6.2	6.0
						2.4	4.9	5.0
						.6	2.5	2.5
						.3	3.7	4.0
						1.3	5.1	4.0
						3.2	5.3	5.0
						7.7	6.5	6.0
						11.6	5.9	6.0
						15.7	5.6	5.0
						11.7	4.1	4.0
						9.9	3.3	4.0
//						3.7	//////////	
						100.0	5.2	5.0

OBSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIO

STATION NUMBER: 74260) STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010	2.4	4.6	1.1					
	020-040	12.8	10.3	.5					
	050-070	.3	.4						
(E)	080-100	.5	.1						
	110-130	.2							
	140-160	.3							
(S)	170-190	2.0	1.4	.1					
	200-220	2.8	4.3	.9	.1				
	230-250	3.7	5.1	1.1					
(W)	260-280	10.3	8.9	.9					
	290-310	3.3	2.5						
	320-340	4.1	.3						
	VARIABLE								
	CALM	//////////							
	TOTALS	49.2	38.5	4.7	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
IN HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 82
MONTH: JUL HOURS: 18-20

SD IN KNOTS 5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.5	5.9	5.0
						23.8	4.6	4.0
						1.3	3.3	2.0
						.6	2.7	2.0
						.2	1.5	1.5
						.8	2.9	3.0
						3.5	4.5	4.0
						3.1	6.3	6.0
						3.8	5.2	6.0
						20.1	4.7	4.0
						10.8	3.6	3.0
						4.9	3.3	3.0
//						7.6	//////////	
						100.0	4.4	4.0

SERVATIONS 980

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742065 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +.8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	2.2	.6						
020-040	5.0	.3						
050-070	.2							
(E) 080-100	.1							
110-130	.4							
140-160	1.8							
(S) 170-190	6.0	1.7	.1					
200-220	3.4	5.1	.2					
230-250	7.7	2.9	.1					
(W) 260-280	11.6	1.9						
290-310	4.0	.5						
320-340	1.2							
VARIABLE								
CALM	//							
TOTALS	49.6	13.6	.4					

TOTAL NUMBER OF OBSERVATIONS 930

A

' OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
:OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 21-23

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.8	3.2	3.0
						5.9	2.9	2.0
						.2	2.5	2.5
						.1	2.0	2.0
						.4	1.8	1.0
						1.3	2.3	2.0
						7.9	3.6	3.0
						13.7	4.3	4.0
						10.8	3.6	4.0
						13.5	3.0	3.0
						4.5	2.5	2.0
						1.2	2.3	2.0
//						36.2	//////////	
						100.0	2.1	3.0

BSERVATIONS 930

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(DEGREES)								
(N) 350-010	3.5	3.6	.6					
020-040	5.0	4.7	.6	.0				
050-070	.7	.4	.0					
(E) 080-100	.3	.0						
110-130	.4	.0						
140-160	2.1	.2						
(S) 170-190	6.4	2.1	.2	.0				
200-220	6.9	5.4	1.0	.0				
230-250	6.0	4.3	.7					
(W) 260-280	6.2	3.2	.5	.0				
290-310	4.2	1.4	.0					
320-340	3.3	1.1	.0					
VARIABLE								
CALM								
TOTALS	45.1	26.4	3.6					

TOTAL NUMBER OF OBSERVATIONS 7440

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUL HOURS: ALL

EED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						7.8	5.1	5.0
						10.3	4.9	5.0
						1.1	4.0	4.0
						.3	2.6	2.0
						.4	2.1	2.0
						2.3	2.5	2.0
						3.7	3.7	3.0
						13.3	4.9	4.0
						11.1	4.7	4.0
						9.8	4.2	4.0
						5.6	3.5	3.0
						4.4	3.4	3.0
//						25.1	////////////	
						100.0	3.3	4.0

BSERVATIONS 7440

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7		.2					
020-040	1.6	.3						
050-070	.5							
(E) 080-100								
110-130	.2							
140-160	2.1	.2						
(S) 170-190	5.3	1.4						
200-220	21.7	7.3	.5					
230-250	14.4	5.9	.2					
(W) 260-280	9.8	1.1						
290-310	3.7							
320-340	2.1	.2						
VARIABLE								
CALM	//							
TOTALS	62.1	17.5	.9					

TOTAL NUMBER OF OBSERVATIONS 438

A

NCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ATS WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: ALL

FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).

) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.9	5.3	4.0
						2.5	3.7	4.0
						.5	2.5	2.5
						.2	2.0	2.0
						2.3	2.3	1.5
						6.6	3.4	3.0
						29.9	3.6	3.0
						20.5	3.7	4.0
						11.0	2.8	2.0
						3.7	2.3	2.0
						2.3	2.3	2.0
//						19.6	//////////	
						100.0	2.7	3.0

OBSERVATIONS 438

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N)	350-010								
	020-040	.5	.1						
	050-070	.2	.1						
(E)	080-100	.1							
	110-130	.6							
	140-160	4.5	.2						
(S)	170-190	15.1	1.7						
	200-220	5.7	4.3	.2					
	230-250	4.5	.6	.1					
(W)	260-280	2.7	.2						
	290-310	1.1							
	320-340	.2							
	VARIABLE								
	CALM	//							
	TOTALS	36.2	7.2	.3					

TOTAL NUMBER OF OBSERVATIONS 930

A

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 00-02

PEED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
								3.0
						.6	2.7	2.0
						.3	3.0	3.0
						.1	4.0	4.0
						.6	1.8	2.0
						4.7	2.5	2.0
						16.8	2.7	2.0
						11.2	4.3	4.0
						5.3	2.7	2.0
						2.9	2.3	2.0
						1.1	2.2	2.0
						.2	2.0	2.0
////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	56.1	//////////////	
						100.0	1.3	2.0

OBSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IS UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.2							
020-040	.1							
050-070	.4	.1						
(E) 080-100	.6	.1						
110-130	.4	.1						
140-160	5.4	.3						
(S) 170-190	16.5	2.6	.1					
200-220	6.3	2.8	.1					
230-250	3.3	.5						
(W) 260-280	2.3	.1						
290-310	.6							
320-340	.3							
VARIABLE								
CALM	//							
TOTALS	37.0	6.6	.2					

TOTAL NUMBER OF OBSERVATIONS 930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

A WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: AUG HOURS: 03-05

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.2	2.0	2.0
						.1	4.0	4.0
						.3	3.0	2.0
						.8	2.7	2.0
						.5	3.0	3.0
						5.7	2.5	2.0
						19.2	2.8	2.0
						9.7	3.6	3.0
						3.9	2.5	2.0
						2.4	2.3	2.0
						.6	1.8	2.0
						.3	2.3	2.0
//						56.0	//////////////	
						100.0	1.3	2.0

BSERVATIONS 930

OPERATING LOCATION "AM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE S
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

DIRECTION (DEGREES)		WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-
(N)	350-010	1.5	.1						
	020-040	3.0	.1						
	050-070	.6	.1						
(E)	080-100								
	110-130	.9	.1						
	140-160	3.8	.2						
(S)	170-190	10.9	3.2						
	200-220	8.5	4.4	.4					
	230-250	7.2	2.4	.1					
(W)	260-280	4.3	.1						
	290-310	.3							
	320-340	.6							
	VARIABLE								
	CALM	//							
	TOTALS	42.1	10.7	.5					

TOTAL NUMBER OF OBSERVATIONS 930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

S WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: AUG HOURS: 06-08

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.6	2.1	2.0
						3.1	2.6	2.0
						.8	3.1	2.0
						1.0	2.3	2.0
						4.0	2.4	2.0
						14.1	3.3	3.0
						13.3	3.9	4.0
						9.7	3.2	3.0
						4.4	2.3	2.0
						.8	1.6	1.0
						.5	1.3	1.0
//						46.7	//////////	
						100.0	1.7	2.0

BSERVATIONS 930

OPERATING LOCATION "A"
[illegible], ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SU
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	3.6	5.3	.8					
020-040	5.4	4.3	.3					
050-070	1.3	.4						
(E) 080-100	.4	.1						
110-130	.1							
140-160	.1							
(S) 170-190	3.3	3.2	.3					
200-220	5.7	6.9	1.9					
230-250	7.0	3.9	.8					
(W) 260-280	6.8	1.4						
290-310	4.3	.2						
320-340	5.6	1.3	.1					
VARIABLE								
CALM	//							
TOTALS	49.5	27.5	4.7					

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: AUG HOURS: 00-11

D IN KNOTS

1-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						14.6	4.5	4.0
						10.6	4.7	4.0
						1.7	3.5	3.0
						.5	2.4	2.0
						.1	1.0	1.0
						1.0	2.2	2.0
						7.3	5.1	5.0
						14.5	5.6	5.0
						11.5	4.3	4.0
						8.2	2.9	2.5
						4.5	2.8	3.0
						7.0	3.2	3.0
//						18.3	//////////	
						100.0	3.5	4.0

SERVATIONS 930

OPERATING LOCATION NAM PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	7.1	11.9	2.6					
020-040	5.4	6.9	1.1					
050-070	1.4	.3						
(E) 080-100	.1							
110-130	.3							
140-160	.3							
(S) 170-190	1.3	2.5	.6					
200-220	3.0	3.8	2.3	.2				
230-250	5.2	4.5	1.4	.1				
(W) 260-280	6.2	4.2	.6					
290-310	5.7	2.2						
320-340	7.1	2.8	.1					
VARIABLE								
CALM	//							
TOTALS	44.7	39.1	8.7	.3				

TOTAL NUMBER OF OBSERVATIONS 930

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RUM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: AUG HOURS: 12-14

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						21.6	5.8	5.0
						13.3	5.6	6.0
						1.7	3.1	3.0
						.1	3.0	3.0
						.3	1.7	2.0
						.3	3.7	4.0
						4.4	6.1	6.0
						10.1	6.5	6.0
						11.2	5.5	5.0
						11.7	4.5	4.0
						7.3	3.6	3.0
						10.2	3.9	4.0
//						7.3	//////////	
						100.0	4.8	5.0

SERVATIONS 930

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N)	350-010	7.4	9.0	1.2	.1				
	020-040	5.4	10.6	2.0	.1				
	050-070	.3	.3						
(E)	080-100	.3	.2						
	110-130	.1	.1						
	140-160	.5	.3		.1				
(S)	170-190	.5	.3	.6	.1				
	200-220	1.4	3.8	.6	.1				
	230-250	2.3	4.5	1.4	.1				
(W)	260-280	6.6	8.1	.9					
	290-310	6.6	4.8	.3					
	320-340	3.4	3.0						
	VARIABLE								
	CALM	//							
	TOTALS	41.1	45.5	7.0	.6				

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: AUG HOURS: 15-17

ED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						17.7	5.3	5.0
						18.2	5.1	6.0
						1.2	3.3	3.0
						.5	3.6	3.0
						.2	3.5	3.5
						1.2	5.0	4.0
						2.2	7.7	6.5
						5.9	6.5	6.0
						9.8	6.4	6.0
						15.4	5.3	5.0
						11.7	4.6	4.0
						11.4	3.8	4.0
//						5.6	//////////	
						100.0	5.1	5.0

SERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742050 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N)	350-010	3.5	4.1	.3					
	020-040	17.1	6.8	.6					
	050-070	1.3	.2						
(E)	080-100	.5	.1						
	110-130	.3							
	140-160	1.1	.4						
(S)	170-190	2.2	1.2						
	200-220	1.9	3.4	1.0					
	230-250	4.1	3.1	.5					
(W)	260-280	10.2	6.2	.3					
	290-310	7.3	2.0	.1					
	320-340	3.1	1.1						
	VARIABLE								
	CALM	//							
	TOTALS	53.1	28.6	2.8					

TOTAL NUMBER OF OBSERVATIONS 930

A

F OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: AUG HOURS: 18-20

ED IN KNOTS									
25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.0	5.2	5.0
						24.5	4.1	4.0
						2.0	2.5	2.0
						.6	3.2	2.0
						.3	2.0	2.0
						1.5	3.8	3.5
						3.3	3.9	4.0
						6.3	5.9	6.0
						7.7	4.6	4.0
						16.8	4.4	4.0
						9.5	3.5	3.0
						4.2	3.7	4.0
//////////////////////////////////////						15.2	//////////////	
						100.0	3.6	4.0

SERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSER.

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35
(N) 350-010	1.6	.1						
020-040	5.4	.4	.1					
050-070	.6							
(E) 080-100	.6							
110-130	.3							
140-160	2.4	.1						
(S) 170-190	3.4	1.5						
200-220	6.9	3.4	.9	.1				
230-250	5.7	.3	.4					
(W) 260-280	9.1	1.0						
290-310	2.5	.2						
320-340	.5	.1						
VARIABLE								
CALM	//							
TOTALS	44.1	7.7	1.4	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
H HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 21-23

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.7	2.4	2.0
						5.9	2.6	2.0
						.6	2.2	2.5
						.6	1.5	1.5
						.3	2.0	2.0
						2.5	2.2	2.0
						9.9	3.1	3.0
						11.3	4.6	4.0
						7.0	3.6	3.2
						10.1	2.9	3.0
						2.7	2.5	2.0
						.8	2.3	2.0
//						46.6	////////////	
						100.0	1.7	3.0

SERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)		WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-
(N)	350-010	3.8	3.8	.6	.0				
	020-040	5.3	3.7	.5	.0				
	050-070	.9	.2						
(E)	080-100	.3	.1						
	110-130	.4	.0						
	140-160	2.4	.2		.0				
(S)	170-190	7.3	2.1	.3	.0				
	200-220	5.2	4.1	.9	.1				
	230-250	5.0	2.6	.6	.0				
(W)	260-280	6.1	2.7	.2					
	290-310	3.6	1.2	.1					
	320-340	3.3	1.0	.0					
VARIABLE									
CALM		////////////

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: ALL

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						8.2	5.1	5.0
						9.6	4.7	4.0
						1.1	3.1	3.0
						.4	2.7	2.0
						.4	2.3	2.0
						2.6	2.7	2.0
						9.7	3.5	3.0
						10.3	5.0	4.0
						8.1	4.4	4.0
						9.0	3.9	4.0
						4.8	3.6	3.0
						4.3	3.6	4.0
						31.5		
						100.0	2.9	4.0

OBSERVATIONS 7440

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N)	350-010	1.2							
	020-040	2.5							
	050-070	.9							
(E)	080-100	.5	.2						
	110-130	.7							
	140-160	2.1	.5						
(S)	170-190	8.5	2.5						
	200-220	11.5	3.5	.5					
	230-250	10.6	2.5	.2					
(W)	260-280	9.2							
	290-310	3.2							
	320-340	.9							
	VARIABLE								
	CALM	//							
	TOTALS	51.8	9.2	.7					

TOTAL NUMBER OF OBSERVATIONS 433

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: ALL

T WITH VISIBILITY GE 1/2 MILE (0800 METERS).

UT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

ED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						1.2	3.0	3.0
						2.5	2.5	2.0
						.9	1.3	1.0
						.7	3.3	2.0
						.7	3.0	3.0
						2.5	3.0	2.0
						11.1	3.2	3.0
						15.5	3.6	3.0
						13.4	3.1	2.0
						9.2	2.1	2.0
						3.2	2.1	2.0
						.9	2.5	2.0
//						38.1	////////////	
						100.0	1.9	2.0

BSERVATIONS 433

OPERATING LOCATION NAME
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURF
FROM HOURLY OBSERVATI

STATION NUMBER: 742065 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.2							
020-040	1.0	.1						
050-070	.2							
(E) 080-100	.7							
110-130	.3							
140-160	5.2	1.1						
(S) 170-190	16.2	5.7	.2					
200-220	5.1	3.3	.7					
230-250	1.7	.3	.2					
(W) 260-280	.8	.1						
290-310								
320-340	.1							
VARIABLE								
CALM	//							
TOTALS	31.9	10.6	1.1					

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 00-02

D IN KNOTS 30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					.2	1.0	1.0
					1.1	2.7	2.5
					.2	3.5	3.5
					.7	2.3	2.0
					.9	2.4	2.0
					5.1	3.1	2.0
					22.1	3.5	3.0
					9.1	4.5	4.0
					2.2	3.9	2.5
					.9	3.0	3.0
					.1	2.0	2.0
//////////	//////////	//////////	//////////	//////////	56.3	//////////	
					100.0	1.6	3.0

SERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 74[illegible]0 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.7	.1						
020-040	.9							
050-070	.8							
(E) 080-100	.6							
110-130	1.1							
140-160	5.3	1.2						
(S) 170-190	15.6	5.0	.2					
200-220	4.4	2.6	.3	.3				
230-250	1.3	.2	.1					
(W) 260-280	.5							
290-310	.4							
320-340	.2							
VARIABLE								
CALM	//							
TOTALS	32.9	9.1	.6	.3				

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 03-05

ED IN KNOTS 5-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						.8	3.0	2.0
						.9	2.5	2.5
						.8	2.4	2.0
						.6	2.6	2.0
						1.1	2.6	2.0
						5.5	2.9	2.0
						21.3	3.5	3.0
						7.7	4.8	4.0
						1.7	3.2	2.0
						.6	3.0	3.0
						.4	2.5	2.0
						.2	1.5	1.5
//						57.0	////////////	
						100.0	1.5	3.0

BSERVATIONS 900

OPERATING LOCATION NAM... PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IN UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.7	.1						
020-040	2.3	.3						
050-070	1.4							
(E) 080-100	.8							
110-130	1.3							
140-160	5.0	.3						
(S) 170-190	10.6	5.3	.9					
200-220	4.4	4.6	1.3					
230-250	1.8	.3	.2					
(W) 260-280	.1	.1						
290-310	.7							
320-340	.3							
VARIABLE								
CALM	//							
TOTALS	30.4	11.6	2.4					

TOTAL NUMBER OF OBSERVATIONS 900

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 06-08

D IN KNOTS

-??	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						.8	3.1	3.0
						2.7	3.0	3.0
						1.4	2.7	2.0
						.8	2.7	3.0
						1.3	1.9	2.0
						6.9	2.9	2.0
						16.8	4.2	4.0
						10.3	5.4	5.0
						2.3	3.7	3.0
						.2	3.5	3.5
						.7	2.7	2.5
						.3	1.7	2.0
//////////	//////////	//////////	//////////	//////////	//////////	55.4	//////////	//////////
						100.0	1.8	3.0

BSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	5.7	4.3	1.1					
020-040	6.0	5.4	.3					
050-070	2.2	.5						
(E) 080-100	1.1							
110-130	.4							
140-160	1.8	.5						
(S) 170-190	2.9	4.8	2.8	.2				
200-220	6.3	7.0	2.2	.2				
230-250	5.4	2.9	.9	.2				
(W) 260-280	3.8	.6	.1					
290-310	2.8	.3						
320-340	3.9	1.1						
VARIABLE								
CALM	//////////							
TOTALS	42.3	27.6	7.4	.6				

TOTAL NUMBER OF OBSERVATIONS 900

A

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
4 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 09-11

D IN KNOTS -29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						11.1	5.1	4.0
						11.8	4.7	4.0
						2.3	3.4	3.0
						1.1	2.3	2.0
						.4	2.3	2.0
						2.3	3.5	3.0
						10.7	6.8	6.0
						15.8	5.8	5.0
						9.4	5.0	4.0
						4.4	3.2	3.0
						3.1	2.9	2.5
						5.0	3.2	3.0
//						22.0	//////////	
						100.0	3.8	4.0

SERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LSI ID UTC: +8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	7.6	11.4	2.8					
020-040	4.7	3.6	1.4					
050-070	.8	1.1	.1					
(E) 080-100	.7							
110-130	.3	.3						
140-160	.5	1.0						
(S) 170-190	1.7	3.4	1.3	.5				
200-220	3.3	5.0	1.8	.5				
230-250	5.1	4.3	3.1	.3				
(W) 260-280	5.2	3.4	.4	.1				
290-310	4.3	.3						
320-340	5.0	2.6						
VARIABLE								
CALM	//							
TOTALS	40.3	39.6	10.9	1.6				

TOTAL NUMBER OF OBSERVATIONS 900

A

.Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RDM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: SEP HOURS: 12-14

EED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						21.8	6.0	6.0
						11.7	5.7	5.0
						2.0	4.8	5.0
						.7	2.7	2.5
						.7	4.0	3.5
						1.6	5.0	5.0
						7.0	7.9	8.0
						10.7	6.8	7.0
						13.4	6.7	6.0
						9.2	4.4	4.0
						5.2	2.9	2.0
						8.5	3.8	4.0
//						7.6	//////////////	
						100.0	5.2	5.0

OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.6	9.2	1.3					
020-040	5.4	12.6	1.3	.1				
050-070	1.9	.4						
(E) 080-100	.9							
110-130	.3	.1						
140-160	.3	.3						
(S) 170-190	2.6	2.3	1.1					
200-220	2.1	5.1	2.7	.8				
230-250	3.4	4.4	1.7	.1				
(W) 260-280	5.9	3.2	.8					
290-310	5.9	1.3	.1					
320-340	4.2	1.3						
VARIABLE								
CALM	//							
TOTALS	39.6	40.7	9.5	1.0				

TOTAL NUMBER OF OBSERVATIONS 900

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 15-17

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						15.6	6.0	6.0
						20.4	5.7	6.0
						2.3	3.5	3.0
						.9	2.3	2.0
						.9	3.1	3.0
						1.7	4.6	4.0
						6.0	6.1	5.5
						10.7	7.8	7.0
						9.7	6.3	6.0
						9.9	4.6	4.0
						7.3	3.2	2.5
						5.6	3.6	3.0
//						9.1	//////////	
						100.0	5.0	5.0

BSERVATIONS 900

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.3	2.4	.4					
020-040	11.3	4.7	.2					
050-070	2.4							
(E) 080-100	.7	.1						
110-130	1.1	.2						
140-160	1.9	.8						
(S) 170-190	4.2	4.0	.6					
200-220	4.6	4.4	1.4					
230-250	3.4	3.0	.9					
(W) 260-280	3.9	1.9						
290-310	3.2	.9						
320-340	1.0	.2						
VARIABLE								
CALM	////////////

CY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

ER WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 18-20

SPEED IN KNOTS 25-29	30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						7.2	4.5	4.0
						16.7	3.8	3.0
						2.4	2.2	2.0
						.8	3.3	3.0
						1.3	2.5	2.0
						2.7	3.8	4.0
						8.8	4.9	5.0
						10.4	5.6	5.0
						7.3	5.3	5.0
						5.8	3.9	4.0
						4.1	3.1	2.0
						1.2	2.4	2.0
//						31.2	/////	//////
						100.0	2.9	0

OBSERVATIONS 900

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.4	.4						
020-040	2.7	.3						
050-070	.9							
(E) 080-100	.2							
110-130	.7							
140-160	4.2	.6						
(S) 170-190	12.6	4.3	.3	.1				
200-220	4.9	4.1	1.0					
230-250	2.9	.6	.1					
(W) 260-280	3.2	.2						
290-310	.6	.1						
320-340	.2							
VARIABLE								
CALM	//							
TOTALS	33.5	10.6	1.4	.1				

TOTAL NUMBER OF OBSERVATIONS 900

ENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

AFB WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 21-23

SPEED IN KNOTS 4	34-39	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
				.9	4.0	4.0
				3.0	3.0	2.0
				.3	2.5	2.5
				.2	2.5	2.5
				.7	2.2	2.0
				4.8	2.9	2.0
				17.3	3.7	3.0
				10.0	5.3	5.0
				3.5	3.4	3.0
				3.4	2.5	2.0
				.7	3.0	2.5
				.2	3.0	3.0
////////////

OPERATING LOCATION "A"
SEATTAC, ADD ANNEX NC

PERCENTAGE FREQUENCY OF OCCURRENCE OUR
FROM HOURLY OBSERVAT

STATION NUMBER: 726200 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.0	3.6	.8					
020-040	4.5	3.6	.4	.0				
050-070	1.3	.3	.0					
(E) 080-100	.7	.0						
110-130	.4	.1						
140-160	3.2	.9						
(S) 170-190	3.4	4.4	.9	.1				
200-220	4.4	4.5	1.4	.2				
230-250	3.1	2.1	.9	.1				
(W) 260-280	2.9	1.2	.2	.0				
290-310	2.2	.4	.0					
320-340	2.0	.7						
VARIABLE								
CALM								
TOTALS	36.3	21.7	4.6	.4				

TOTAL NUMBER OF OBSERVATIONS 7200

ION OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ERN HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: ALL

SPEED IN KNOTS 28-33	34-39	40-47	48-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					7.3	5.5	5.0
					8.5	4.7	4.0
					1.5	3.2	3.0
					.7	2.6	2.0
					.9	2.6	2.0
					4.1	3.2	3.0
					13.8	4.5	4.0
					10.6	5.8	5.0
					6.2	5.5	4.0
					4.3	4.0	4.0
					2.7	3.0	2.0
					2.7	3.4	3.0
////////////

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE S
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-3+	35-[illegible]
(N) 330-010	3.0	.9						
020-040	5.2	1.5						
050-070	2.6							
(E) 080-100	.9							
110-130	1.1							
140-160	3.5	.4						
(S) 170-190	7.8	1.9	.2					
200-220	9.3	4.1	1.7	.6				
230-250	5.4	1.9	.4					
(W) 260-280	3.9	.6						
290-310	1.5							
320-340	.4							
VARIABLE								
CALM	//							
TOTALS	44.3	11.3	2.3	.6				

TOTAL NUMBER OF OBSERVATIONS 463

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: ALL

WITH VISIBILITY GE 1/2 MILE (0800 METERS).

UT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

ED IN KNOTS

25-29	30-34	35-39	40-49	50-54	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.9	3.3	3.0
						6.7	3.6	4.0
						2.3	2.7	2.0
						.9	2.3	2.0
						1.1	2.4	2.0
						3.9	2.7	2.0
						9.9	3.3	3.0
						15.8	4.9	3.0
						7.8	4.0	3.0
						4.5	3.2	3.0
						1.	2.9	3.0
						.4	2.0	2.0
//						40.8	//////////	
						100.0	2.2	3.0

OBSERVATIONS 463

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.3	.6						
020-040	.3	.2						
050-070	.5							
(E) 080-100	.1							
110-130	.2	.1						
140-160	4.5	1.7	.4					
(S) 170-190	12.6	5.1	1.1	.1				
200-220	3.4	2.3	.6					
230-250	.5	.4						
(W) 260-280	.3		.2					
290-310	.2							
320-340	.2							
VARIABLE								
CALM	//							
TOTALS	24.9	11.0	2.3	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 00-02

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
						1.0	4.6	5.0
						1.1	3.3	3.0
						.5	2.0	2.0
						.1	1.0	1.0
						1.0	2.9	2.0
						5.7	4.2	4.0
						18.8	4.0	3.0
						7.0	5.2	5.0
						1.0	4.7	4.0
						1.0	4.6	3.0
						.2	2.5	2.5
						.2	2.0	2.0
//						61.5	////////////	
						100.0	1.6	4.0

BSERVATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE CU
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-3
(N) 350-010	.8	.8						
020-040	1.1	.5	.1					
050-070	.6	.2						
(E) 080-100	.6	.1						
110-130	1.1	.3						
140-160	3.4	2.7	.6					
(S) 170-190	10.8	6.0	1.1		.1			
200-220	1.3	2.3	.9					
230-250	.5	.2						
(W) 260-280	.3	.1						
290-310	.1							
320-340	.1							
VARIABLE								
CALM	//							
TOTALS	21.2	13.2	2.7		.1			

TOTAL NUMBER OF OBSERVATIONS 930

Y OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
ROM HOURLY OBSERVATIONS

3 WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 03-05

EED IN KNOTS 25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						1.5	4.9	4.5
						1.7	4.4	3.5
						.3	3.8	4.0
						.8	2.7	2.0
						1.4	2.9	2.0
						5.3	4.5	4.0
						18.0	4.6	4.0
						4.9	6.0	5.0
						.3	3.6	3.0
						.4	4.0	4.0
						.1	1.0	1.0
						.1	2.0	2.0
//						62.7	////////////	
						100.0	1.7	4.0

BSERVATIONS 930

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE SURF
TRAFFAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.3	.4						
020-040	2.0	1.1	.1					
050-070	1.6	.2						
(E) 080-100	1.2							
110-130	1.2							
140-160	3.7	2.5	.4	.2				
(S) 170-190	7.7	.5	1.3					
200-220	3.1	3.4	.4	.1				
230-250	1.0							
(W) 260-280	.4	.1						
290-310	.2							
320-340	.2							
VARIABLE								
CALM	//							
TOTALS	23.1	14.4	2.2	.3				

TOTAL NUMBER OF OBSERVATIONS 930

A

C - 4 - 9

OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
H HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: OCT HOURS: 06-08

D IN KNOTS

-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN
						1.2	4.3	[illegible]
						3.2	3.7	[illegible]
						1.8	2.5	[illegible]
						1.2	2.5	[illegible]
						1.2	2.5	[illegible]
						6.9	5.1	[illegible]
						15.6	5.0	[illegible]
						7.1	5.3	[illegible]
						1.0	1.3	[illegible]
						.5	2.4	[illegible]
						.2	2.5	[illegible]
						.2	1.5	[illegible]
//						59.9	////////////	
						100.0	1.8	4.0

SERVATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	4.5	2.4	.1					
020-040	4.7	4.5	.4					
050-070	2.5	1.0						
(E) 080-100	1.1	.1						
110-130	1.2	.2						
140-160	2.5	2.3	.3					
(S) 170-190	3.3	6.1	3.8	.3				
200-220	3.3	4.3	2.5	.3				
230-250	2.5	1.3	.3					
(W) 260-280	1.5	.2	.1	.1				
290-310	1.0							
320-340	1.5							
VARIABLE								
CALM	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////	////////////////////
TOTALS	30.3	22.4	8.0	1.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
URLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 09-11

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					7.0	4.0	4.0
					9.7	4.6	5.0
					3.4	3.4	3.0
					1.2	2.5	2.0
					1.4	2.3	2.0
					5.6	5.4	5.0
					14.4	7.4	7.0
					10.4	6.9	7.0
					4.1	4.8	4.0
					1.9	3.8	2.0
					1.0	1.8	2.0
					1.6	2.4	2.0
//////////////////////////////////					38.3	//////////	
					100.0	3.3	5.0

ATIONS 930

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE AI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PERI
LST TO UTC: + 8 MON

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4
(N) 350-010	10.1	9.0	.5						
020-040	5.5	5.4	1.0						
050-070	1.9	.8							
(E) 080-100	.4	.4							
110-130	.6								
140-160	1.4	.3	.6						
(S) 170-190	2.0	3.1	3.5	1.0					
200-220	1.9	4.9	4.2	.9	.1				
230-250	3.2	3.9	1.4	.1					
(W) 260-280	3.5	1.3	.1						
290-310	2.5	.2							
320-340	4.2	.6							
VARIABLE									
CALM	//								
TOTALS	37.0	30.4	11.3	2.0	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: OCT HOURS: 12-14

N KNOTS 30-34	35-39	40-47	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					19.7	4.8	4.0
					11.8	5.2	5.0
					2.7	3.3	3.0
					.9	4.3	4.5
					.6	2.8	2.5
					2.8	6.0	4.5
					9.7	8.5	6.0
					12.0	8.8	8.0
					8.4	5.1	5.0
					4.9	3.7	3.0
					2.7	2.8	3.0
					4.8	2.8	2.0
//////////////////////////////////////					18.9	//////////	
					100.0	4.6	5.0

ATIONS 930

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: + 8 — MC

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	7.2	6.8	1.1						
020-040	8.5	7.2	1.2						
050-070	1.7	.4							
(E) 080-100	.5	.2							
110-130	.5	.3							
140-160	1.5	1.7	.5						
(S) 170-190	2.5	4.4	1.8	.6					
200-220	2.6	4.6	3.0	.1					
230-250	2.2	2.7	.9	.1					
(W) 260-280	2.5	1.8	.3						
290-310	2.7	.9							
320-340	4.3	.4							
VARIABLE									
CALM	////	////	////	////	////	////	////	////	////
TOTALS	36.9	31.4	8.8	.8					

TOTAL NUMBER OF OBSERVATIONS 930

URRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
.Y OBSERVATIONS

GTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 15-17

NOTS 0-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					15.1	5.1	5.0
					17.0	4.9	4.0
					2.2	2.9	2.0
					.2	2.6	2.0
					.9	3.5	2.0
					3.8	5.7	5.0
					9.4	6.9	6.0
					10.3	7.2	7.0
					5.8	6.4	6.5
					4.6	4.8	4.0
					3.5	3.5	3.0
					4.7	2.9	2.0
//////////////////////////////////					21.9	//////////////	
					100.0	4.2	5.0

IONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MC

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	2.0	.4							
020-040	7.3	1.4							
050-070	1.8	.1							
(E) 080-100	1.5								
110-130	1.1	.2							
140-160	3.1	2.5	.4						
(S) 170-190	5.3	5.0	1.3	.2					
200-220	2.6	3.4	1.0						
230-250	1.4	1.1	.1						
(W) 260-280	1.0	.3	.1						
290-310	.9								
320-340	.4	.2							
VARIABLE									
CALM	//////////								
TOTALS	27.0	15.6	2.9	.2					

TOTAL NUMBER OF OBSERVATIONS 930

A

C - 4 - 97

URRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
LY OBSERVATIONS

GTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: OCT HOURS: 18-20

KNOTS 0-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.5	3.0	2.0
					8.7	3.0	3.0
					2.0	2.1	2.0
					1.5	2.1	2.0
					1.3	2.4	2.0
					5.0	4.6	4.0
					13.3	5.5	5.0
					7.0	5.7	5.0
					2.6	4.3	4.0
					1.4	4.3	4.0
					.9	2.3	2.0
					.8	3.3	2.5
//////////////////////////////////					52.2	//////////////	
					100.0	2.1	4.0

TIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: + 8 — MO

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	.2								
020-040	1.2	.4							
050-070	1.1	.1	.1						
(E) 080-100	1.0	.1							
110-130	1.3								
140-160	4.6	1.7	.4						
(S) 170-190	11.1	6.5	1.3	.2					
200-220	3.1	2.9	.5						
230-250	1.1	.3	.2						
(W) 260-280	.9								
290-310	.3								
320-340	.2								
VARIABLE									
CALM	//								
TOTALS	26.1	12.0	2.6	.2					

TOTAL NUMBER OF OBSERVATIONS 930

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 21-23

KNOTS 30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					.2	1.5	1.5
					1.6	3.7	3.0
					1.3	3.9	3.5
					1.1	2.6	2.0
					1.3	2.2	2.0
					6.3	4.1	4.0
					19.0	4.7	4.0
					6.7	5.3	5.0
					1.5	4.4	3.0
					.9	2.1	2.0
					.3	2.3	2.0
					.2	2.0	2.0
//////////////////////////////////					59.0	//////////	
					100.0	1.8	4.0

TIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: +8 M

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	3.2	2.5	.2						
020-040	3.9	2.6	.3						
050-070	1.5	.3	.0						
(E) 080-100	.3	.1							
110-130	1.0	.1							
140-160	3.1	2.0	.5	.0					
(S) 170-190	7.0	5.5	1.9	.4	.0				
200-220	7.7	3.5	1.7	.2	.0				
230-250	1.5	1.2	.4	.0					
(W) 260-280	1.4	.5	.1	.0					
290-310	1.0	.1							
320-340	1.4	.2							
VARIABLE									
CALM	//////	//////	//////	//////	//////	//////	//////	//////	//////
TOTALS	28.5	18.8	5.1	.6					

TOTAL NUMBER OF OBSERVATIONS 7440

A

C - 4 - 99

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: OCT HOURS: ALL

KNOTS 30-34	35-39	40-49	-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.0	4.7	4.0
					5.9	4.5	4.0
					1.9	3.0	2.0
					.9	2.6	2.0
					1.1	2.5	2.0
					5.7	4.8	4.0
					14.8	5.5	5.0
					8.2	6.6	6.0
					3.1	5.4	5.0
					2.0	4.0	3.0
					1.1	2.9	2.0
					1.6	2.7	2.0
					55.8		
					100.0	2.6	4.0

ATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	3.3	2.0							
020-040	4.7	3.4	.3						
050-070	3.1	.8							
(E) 080-100	2.0	.1							
110-130	1.3	.1							
140-160	3.0	.3							
(S) 170-190	6.3	.9	.5						
200-220	2.1	1.2							
230-250	1.3	.5	.3						
(W) 260-280	1.2								
290-310	.4								
320-340	1.0								
VARIABLE									
CALM	//////////								
TOTALS	30.2	9.3	1.1						

TOTAL NUMBER OF OBSERVATIONS 762

A

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON PERIOD OF RECORD: JUN 78 - MAY 85
MONTH: OCT HOURS: ALL

VISIBILITY OF 1/2 MILE (0800 METERS).

S THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

KNOTS

30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					5.2	3.8	4.0
					8.4	4.1	4.0
					3.9	3.1	3.0
					2.1	2.3	2.0
					2.0	1.9	2.0
					3.3	2.6	2.0
					7.7	3.4	2.0
					3.3	3.9	4.0
					2.1	4.5	3.5
					1.2	2.3	2.0
					.4	1.7	2.0
					1.0	2.3	2.0
//////////////////////////////////					59.3	//////////	
					100.0	1.4	3.0

TIONS 762

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MO

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-
(N) 350-010	1.0	.2		.2					
020-040	2.9	.3	.3	.4					
050-070	1.9	.3							
(E) 080-100	1.2	.4							
110-130	1.7	.1	.1						
140-160	4.3	2.2	.3	.1					
(S) 170-190	7.3	9.6	2.6	.3					
200-220	3.3	4.4	2.8	.9					
230-250	1.3	.3		.2					
(W) 260-280	.4	.2							
290-310	.1								
320-340	.3	.1							
VARIABLE									
CALM	//								
TOTALS	26.6	13.7	6.1	2.1					

TOTAL NUMBER OF OBSERVATIONS 400

A

CURRENT SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: NOV HOURS: 00-02

KNOTS 33-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					1.4	5.3	4.0
					4.0	5.4	3.0
					2.2	2.8	2.0
					1.7	3.3	3.0
					1.9	2.8	2.0
					5.7	4.4	4.0
					20.3	5.9	6.0
					12.0	7.3	7.0
					2.4	5.5	4.0
					.7	3.0	2.0
					.1	4.0	4.0
					.4	4.0	3.0
//////////////////////////////////					46.1	//////////	
					100.0	3.0	5.0

IONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	.3	.1	.1						
020-040	3.3	1.1	.2	.6					
050-070	1.4	.1	.2						
(E) 080-100	1.2	.2							
110-130	1.1	.2							
140-160	4.4	2.0	.3	.1					
(S) 170-190	9.3	8.9	2.9	1.0	.1				
200-220	2.8	3.4	1.6						
230-250	1.5	.2	.1	.3					
(W) 260-280	.3	.2							
290-310	.1								
320-340	.3								
VARIABLE									
CALM	//////////								
TOTALS	27.6	16.4	5.4	1.9	.2				

TOTAL NUMBER OF OBSERVATIONS 900

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 03-05

N KNOTS

30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					1.0	3.8	4.0
					5.2	5.0	4.0
					1.3	3.7	2.0
					1.4	2.7	2.0
					1.3	2.9	2.0
					6.9	4.1	3.0
					22.7	5.9	5.0
					7.8	6.5	7.0
					2.2	5.5	4.0
					1.0	3.6	3.0
					.1	3.0	3.0
					.3	1.7	2.0
////////	////////	////////	////////	////////	48.2	////////////	
					100.0	2.7	4.0

ATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.1	.1							
020-040	2.3	1.3	.9	.3					
050-070	1.0	.2							
(E) 080-100	1.4	.2							
110-130	.9	.2							
140-160	4.9	2.2	.2			.1	.1		
(S) 170-190	8.3	11.0	3.2	.4		.1			
200-220	3.0	3.0	1.0						
230-250	1.2	.2	.2						
(W) 260-280	.7	.1							
290-310	.2								
320-340	.2								
VARIABLE									
CALM	//								
TOTALS	25.2	18.5	5.5	.7		.2	.1		

TOTAL NUMBER OF OBSERVATIONS 900

A

URRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
LY OBSERVATIONS

GTON PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: NOV HOURS: 06-08

KTS 0-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.2	2.8	2.0
					4.9	6.0	5.5
					1.2	2.5	2.0
					1.7	2.9	2.0
					1.1	3.4	3.0
.1					7.5	4.5	3.5
					23.1	6.2	6.0
					7.0	5.7	6.0
					1.7	4.4	4.0
					.8	3.0	3.0
					.2	1.5	1.5
					.2	2.0	2.0
//////////////////////////////////					49.3	//////////	
.1					100.0	2.7	4.5

IONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.9	.2						
020-040	3.7	2.3	.9	.1					
050-070	1.7	.7	.3						
(E) 080-100	1.8								
110-130	1.0	.6	.1						
140-160	3.3	2.8	.9	.1					
(S) 170-190	6.6	9.1	3.6	1.1	.4	.2			
200-220	3.2	3.9	3.4	.2	.1				
230-250	1.6	.8	.6						
(W) 260-280	1.4	.3							
290-310	.2		.1						
320-340	.7	.1							
VARIABLE									
CALM	//								
TOTALS	27.0	21.5	10.1	1.5	.5	.2			

TOTAL NUMBER OF OBSERVATIONS 900

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
URLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 09-11

N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.4	4.5	3.5
					7.0	5.4	4.0
					2.7	4.4	3.5
					1.8	2.3	2.0
					1.7	4.1	3.0
					7.6	5.3	4.5
					21.0	7.2	6.0
					10.9	7.3	7.0
					2.9	5.4	4.0
					1.8	3.8	4.0
					.3	6.0	4.0
					.8	3.0	3.0
////////////////////////////////					39.2	////////////	
					100.0	3.7	5.0

ATIONS 900

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 12-14

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.8	5.3	5.0
					9.4	5.6	5.0
					3.8	4.7	3.0
					.7	3.2	2.0
					1.7	3.2	4.0
					6.8	6.5	6.0
					15.8	8.1	8.0
					16.3	8.2	8.0
					5.2	5.3	5.0
					2.1	4.9	3.0
					.9	2.1	2.0
					2.4	3.0	3.0
//////////////////////////////////////					26.1	//////////	
					100.0	4.9	6.0

ATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.7	3.2	.4						
020-040	5.6	3.0	.9	.2					
050-070	2.6	.7	.2						
(E) 080-100	2.3	.1							
110-130	1.4	.3							
140-160	3.2	1.7	.7	.1					
(S) 170-190	4.8	9.0	4.3	.6	.3				
200-220	3.8	5.7	2.7	.8	.1				
230-250	1.9	1.3	.7						
(W) 260-280	.7	.2							
290-310	.9	.2							
320-340	1.9	.2							
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	31.8	27.1	9.9	1.7	.4				

TOTAL NUMBER OF OBSERVATIONS 900

A

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
URLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 15-17

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					6.3	5.1	5.0
					3.7	5.1	4.0
					3.4	3.8	3.0
					2.4	2.2	2.0
					1.8	3.3	2.5
					5.7	4.9	4.0
					19.0	7.5	7.0
					14.0	7.4	7.0
					4.3	5.9	5.0
					.9	3.5	4.0
					1.1	3.3	3.0
					2.1	2.8	2.0
////////////////////////////////					29.2	//////////	
					100.0	4.2	5.0

TIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IN UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.3	.8	.2						
020-040	3.0	2.0	.6						
050-070	1.3	.4							
(E) 080-100	2.1	.3							
110-130	1.8		.1						
140-160	4.6	3.0	1.7		.1				
(S) 170-190	7.3	10.1	3.4	.6	.2				
200-220	3.2	4.1	2.0	.2					
230-250	.3	1.2	.4						
(W) 260-280	.1								
290-310	.2	.1							
320-340	.2								
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	25.9	22.0	8.4	.8	.3				

TOTAL NUMBER OF OBSERVATIONS 900

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 18-20

IN KNOTS 9	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.3	4.6	4.0
						5.6	4.9	4.0
						1.8	3.1	3.0
						2.4	3.0	3.0
						1.9	2.5	2.0
						9.3	5.7	5.0
						21.7	6.6	6.0
						9.6	7.0	7.0
						2.4	6.7	6.0
						.1	2.0	2.0
						.3	4.0	4.0
						.2	2.5	2.5
//////////////////////////////////////						42.3	//////////	
						100.0	3.4	5.0

VATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.3	.1							
020-040	2.4	.7	.7	.1					
050-070	2.0	.2							
(E) 080-100	1.2								
110-130	1.2	.2							
140-160	5.4	2.3	1.2	.1					
(S) 170-190	9.3	9.1	3.6	1.1	.1				
200-220	3.3	3.6	3.1	.4					
230-250	1.3	.3	.1	.1					
(W) 260-280	.4			.1					
290-310	.1								
320-340		.2							
VARIABLE									
CALM	//								
TOTALS	28.9	16.7	8.5	1.9	.1				

TOTAL NUMBER OF OBSERVATIONS 900

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

NGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: NOV HOURS: 21-23

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.4	3.0	3.0
					3.9	5.3	3.0
					2.2	3.0	3.0
					1.2	2.6	2.0
					1.4	2.8	2.0
					9.3	4.5	4.0
					23.2	6.3	6.0
					10.4	7.2	7.0
					1.9	4.8	4.0
					.6	5.6	4.0
					.1	1.0	1.0
					.2	3.0	3.0
//////////////////////////////////////					43.4	//////////	
					100.0	3.2	4.0

ATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.6	1.1	.2	.0					
020-040	3.4	1.5	.7	.2					
050-070	1.3	.4	.2	.0					
(E) 080-100	1.5	.2							
110-130	1.3	.3	.0						
140-160	4.2	2.4	.8	.1	.0	.0	.0		
(S) 170-190	7.1	9.2	3.7	.7	.2	.0			
200-220	3.4	4.4	2.6	.4	.1				
230-250	1.6	.9	.4	.1	.0				
(W) 260-280	.7	.2	.1	.0					
290-310	.3	.0	.0						
320-340	.7	.1							
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	27.6	21.0	8.7	1.5	.3				

TOTAL NUMBER OF OBSERVATIONS 7200

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: NOV HOURS: ALL

IN KNOTS 9	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						2.9	4.7	4.0
						6.2	5.3	4.0
						2.4	3.7	3.0
						1.7	2.7	2.0
						1.6	3.1	2.0
0	.0					7.5	5.0	4.0
0						21.0	6.7	6.0
						11.0	7.3	7.0
						3.0	5.8	4.0
						1.0	4.0	3.0
						.4	3.1	3.0
						.8	3.0	3.0
//						40.5	//////////	
						100.0	3.5	5.0

VATIONS 7200

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
			WIND SPEED IN KNOTS						
(N) 350-010	2.4	1.3	.5						
020-040	5.1	2.1	1.4	.9					
050-070	3.2	.2							
(E) 080-100	1.9	.1							
110-130	1.3								
140-160	3.3	.2	.1						
(S) 170-190	5.1	.9	1.5	.2					
200-220	2.5	1.2	.5						
230-250	2.4	.5	.1						
(W) 260-280	.9	.1							
290-310	.4								
320-340	.7	.1							
VARIABLE									
CALM	//////////								
TOTALS	29.6	7.2	4.1	1.1					

TOTAL NUMBER OF OBSERVATIONS 849

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
URLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: NOV HOURS: ALL

H VISIBILITY GE 1/2 MILE (0800 METERS).

SS THAN 3 MILES (4800 METERS) WITH CEILING GF 200 FEET.

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					4.6	4.9	4.0
					9.5	6.0	4.0
					3.4	2.2	2.0
					1.9	2.3	2.0
					1.3	1.8	2.0
					4.1	2.5	2.0
					7.8	5.0	3.0
					4.1	5.0	4.0
					2.9	3.8	4.0
					1.1	3.1	3.0
					.4	2.3	2.0
					.8	2.7	2.0
//////////	//////////	//////////	//////////	//////////	53.1	//////////	//////////
					100.0	1.8	3.0

ATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	.3	.2							
020-040	1.9	1.3	.4						
050-070	1.5	.3							
(E) 080-100	1.0								
110-130	1.7	.1							
140-160	4.1	1.7	.9						
(S) 170-190	9.5	6.2	3.4	1.0					
200-220	3.2	2.8	3.7	.5	.2				
230-250	1.1	.8	1.0	.2					
(W) 260-280	.2	.1							
290-310	.1								
320-340	.1								
VARIABLE									
CALM	//								
TOTALS	25.2	13.5	9.4	1.7	.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

JRRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
_Y OBSERVATIONS

GTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 00-02

NOTS 0-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.0	3.1	2.0
					3.7	4.9	4.0
					1.8	2.9	3.0
					1.0	2.3	2.0
					1.8	2.8	2.0
					6.7	5.1	4.0
					20.1	6.1	5.0
					10.4	7.9	8.0
					3.0	7.8	7.5
					.3	3.0	2.0
					.1	1.0	1.0
					.1	2.0	2.0
//////////////////////////////////					50.0	//////////	
					100.0	3.0	4.0

TIONS 930

OPERATING LOCATION "AA" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	.3	.1							
020-040	2.0	1.2	.8	.1					
050-070	1.6	.4							
(E) 080-100	1.1	.1							
110-130	1.0	.3	.1						
140-160	3.0	1.4	1.2	.1					
(S) 170-190	8.3	5.1	3.9	1.3	.1				
200-220	3.3	4.3	2.8	.8					
230-250	1.8	.5	1.1	.3					
(W) 260-280	.2	.1							
290-310	.1								
320-340	.2								
VARIABLE									
CALM	//								
TOTALS	23.4	13.5	9.9	2.6	.1				

TOTAL NUMBER OF OBSERVATIONS 930

A

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
LY OBSERVATIONS

GTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 03-05

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					.9	2.8	2.0
					4.1	5.6	4.5
					2.0	3.5	4.0
					1.2	3.0	3.0
					1.4	4.0	2.0
					5.7	5.5	4.0
					18.6	6.5	5.0
					11.2	7.4	8.0
					3.3	7.0	6.0
					.3	3.3	2.0
					.1	3.0	3.0
					.2	1.5	1.5
//////////////////////////////////					50.5	//////////	
					100.0	3.0	5.0

TIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFA
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	.6							
020-040	1.9	1.3	.8					
050-070	1.2	.6	.1					
(E) 080-100	1.2							
110-130	1.8	.2						
140-160	5.2	1.1	.8	.1				
(S) 170-190	8.7	5.9	3.8	1.1				
200-220	2.9	3.3	2.9	.3	.2	.1		
230-250	.3	.9	.5					
(W) 260-280	.3							
290-310	.1							
320-340	.3							
VARIABLE								
CALM	//							
TOTALS	25.3	13.3	3.9	1.5	.2	.1		

TOTAL NUMBER OF OBSERVATIONS 930

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JURLY JBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 06-08

N KNOTS

30-34	35-39	40-49	50-64	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					.6	3.0	3.0
					4.0	5.7	5.0
					1.9	4.4	4.0
					1.2	2.6	2.0
					1.8	2.6	2.0
					7.1	4.5	3.0
					19.5	6.3	6.0
					9.8	7.8	7.0
					2.2	6.3	6.0
					.8	2.0	2.0
					.1	2.0	2.0
					.3	3.3	4.0
//////////////////////////////////////					50.3	//////////////	
					100.0	2.9	4.0

ATIONS 930

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.5	.5							
020-040	3.3	2.6	.6						
050-070	3.0	.5							
(E) 080-100	1.5	.1							
110-130	1.4	.5	.1						
140-160	2.3	1.7	1.1	.2					
(S) 170-190	7.2	7.2	4.7	1.0	.2				
200-220	4.0	3.5	2.0	.3					
230-250	2.5	.9	.3						
(W) 260-280	.4	.2	.1	.2					
290-310	.2								
320-340	.8	.1							
VARIABLE									
CALM	//////////								
TOTALS	29.2	17.9	3.9	1.7	.2				

TOTAL NUMBER OF OBSERVATIONS 930

A

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
URLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 09-11

KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.0	3.4	2.0
					7.0	4.7	4.0
					3.7	2.9	2.5
					1.6	2.3	2.0
					2.0	3.7	2.0
					5.9	5.9	6.0
					20.3	7.2	7.0
					9.9	6.7	5.0
					3.7	4.1	3.0
					›.0	7.7	5.0
					.2	2.0	2.0
					.9	3.1	2.5
//////////////////////////////////////					41.8	//////////////	
					100.0	3.3	4.0

ATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	3.5	2.4	.3						
020-040	5.6	4.9	1.5						
050-070	3.5	.5	.1						
(E) 080-100	2.3	.1							
110-130	1.0		.1						
140-160	2.2	.9	.9	.1					
(S) 170-190	3.2	5.3	4.1	1.2	.2				
200-220	4.1	6.1	5.6	.8	.2				
230-250	3.0	1.4	.8	.3					
(W) 260-280	2.2	.4	.1	.1					
290-310	1.0	.1	.1						
320-340	1.4	.1							
VARIABLE									
CALM	//								
TOTALS	33.0	22.2	13.6	2.5	.4				

TOTAL NUMBER OF OBSERVATIONS 930

A

CCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JRLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: 12-14

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.2	4.4	4.0
					12.0	5.3	5.0
					4.2	3.3	3.0
					2.4	2.3	2.0
					1.1	2.8	2.0
					4.0	5.2	4.0
					14.0	8.4	8.0
					16.8	7.9	6.0
					5.5	5.7	4.0
					2.8	3.9	3.0
					1.2	3.4	3.0
					1.5	2.5	2.0
////////////////////////////////////					28.4	//////////	
					100.0	4.4	5.0

TIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.7	1.7	.2	.2					
020-040	3.7	4.0	.8						
050-070	3.2	.8	.5						
(E) 080-100	1.6	.2							
110-130	1.3	.4							
140-160	3.0	1.5	.9						
(S) 170-190	5.9	6.3	3.0	.4	.1				
200-220	3.2	4.9	3.0	.4					
230-250	1.6	1.1	1.2	.3					
(W) 260-280	.6	.2	.1						
290-310	.3	.3							
320-340	1.2	.1							
VARIABLE									
CALM	//								
TOTALS	35.1	21.5	9.7	1.3	.1				

TOTAL NUMBER OF OBSERVATIONS 930

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 15-17

N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					4.8	5.1	4.0
					13.4	4.2	4.0
					5.2	3.6	2.5
					1.8	2.7	2.0
					2.4	3.0	2.0
					5.4	4.8	4.0
					15.8	6.6	6.0
					11.6	7.2	7.0
					4.2	7.2	6.0
					1.0	4.0	3.0
					1.1	3.2	2.0
					1.3	2.9	3.0
//					32.0	//////////////	
					100.0	3.7	4.0

/ATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.8	.3	.1						
020-040	4.6	2.2	.1						
050-070	2.0	.3	.1						
(E) 080-100	1.3	.5							
110-130	1.8	.4	.1						
140-160	4.5	2.3	.8	.1					
(S) 170-190	8.0	6.7	3.1	.2					
200-220	2.7	3.7	2.4	.2	.2				
230-250	.9	.3	1.0	.1	.1				
(W) 260-280	.4		.2						
290-310	.2								
320-340	.5								
VARIABLE									
CALM	//								
TOTALS	29.0	17.7	7.9	.6	.3				

TOTAL NUMBER OF OBSERVATIONS 930

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 86
MONTH: DEC HOURS: 18-20

N KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.3	3.1	2.0
					5.9	3.9	3.5
					2.5	3.7	3.0
					1.8	3.0	2.0
					2.4	3.5	2.0
					8.5	4.8	4.0
					18.0	5.8	5.0
					9.1	7.2	7.0
					2.8	8.0	7.5
					.6	5.3	3.0
					.2	1.5	1.5
					.5	1.8	1.0
////////////////////////////////////					44.4	////////////	
					100.0	2.9	4.0

'ATIONS 930

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	1.0	.1	.1						
020-040	2.5	.9	.4	.1					
050-070	1.5	.5	.1						
(E) 080-100	1.0	.1							
110-130	1.9	.3							
140-160	3.5	2.4	1.0						
(S) 170-190	9.3	5.9	4.2	.8	.3				
200-220	2.5	2.8	3.3						
230-250	.5	.5	.5	.2					
(W) 260-280	.5								
290-310	.2								
320-340	.4	.2							
VARIABLE									
CALM	//								
TOTALS	27.4	13.8	9.7	1.1	.3				

TOTAL NUMBER OF OBSERVATIONS 930

A

CURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
RLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 21-23

KNOTS 30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					1.2	3.6	3.0
					3.9	4.8	4.0
					2.4	4.0	2.5
					1.1	2.6	2.0
					2.3	2.8	2.0
					8.3	4.8	4.0
					21.0	6.4	5.0
					8.6	7.4	9.0
					1.9	8.4	8.5
					.5	2.4	2.0
					.2	2.5	2.5
					.5	4.3	4.0
//////////	//////	//////	//////	//////	47.5	//////////	
					100.0	3.0	4.0

TIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40
(N) 350-010	1.6	.7	.1	.0					
020-040	3.9	2.3	.7	.0					
050-070	2.3	.5	.1						
(E) 080-100	1.4	.1							
110-130	1.5	.3	.1						
140-160	3.8	1.7	.9	.1					
(S) 170-190	7.6	6.1	3.8	.9	.1				
200-220	3.2	3.9	3.2	.4	.1	.0			
230-250	1.5	.8	.8	.2	.0				
(W) 260-280	.7	.1	.1	.0					
290-310	.3	.1	.0						
320-340	.6	.1							
VARIABLE									
CALM									
TOTALS	28.4	16.7	9.8	1.6	.2				

TOTAL NUMBER OF OBSERVATIONS 7440

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: ALL

N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					2.4	4.1	3.0
					6.9	4.8	4.0
					3.0	3.5	3.0
					1.5	2.6	2.0
					1.9	3.1	2.0
					6.5	5.0	4.0
					18.4	6.6	6.0
					10.9	7.5	7.0
					3.4	6.6	6.0
					.9	4.2	3.0
					.4	2.9	2.0
					.7	2.8	2.0
					43.2		
					100.0	3.3	4.0

VATIONS 7440

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SUREAI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIO

STATION NUMBER: 74206J STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39
(N) 350-010	3.0	1.0						
020-040	6.2	3.3	1.0	.1				
050-070	3.0	.7						
(E) 080-100	2.1	.2						
110-130	1.4							
140-160	2.2	.2						
(S) 170-190	3.9	1.0	1.5	.2				
200-220	3.1	1.4	1.7	.7				
230-250	1.6	.2	.2					
(W) 260-280	.4							
290-310	.2		.1					
320-340	.7	.1						
VARIABLE								
CALM	//////////							
TOTALS	27.8	8.7	4.5	1.0				

TOTAL NUMBER OF OBSERVATIONS 921

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
OURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: ALL

TH VISIBILITY GE 1/2 MILE (0800 METERS).

ESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

N KNOTS

30-34	35-39	40-49	50-54	GE 55	TOTAL %	MEAN WIND	MEDIAN WIND
					4.0	3.4	3.0
					11.2	4.9	4.0
					3.7	3.2	3.0
					2.3	2.6	2.0
					1.4	2.2	2.0
					2.4	2.3	2.0
					6.6	5.7	4.0
					6.7	6.8	5.0
					2.1	3.8	2.0
					.4	2.8	3.0
					.3	5.0	4.0
					.8	2.9	2.0
////	////	////	////	////	57.9	////////////	
					100.0	1.9	3.0

VATIONS 921

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — F
LST TO UTC: + 8 — J

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N) 350-010	2.8	2.3	.4	.0					
020-040	4.0	2.9	.5	.0	.0				
050-070	1.4	.3	.0	.0	.0				
(E) 080-100	.6	.1	.0						
110-130	1.0	.1	.0	.0					
140-160	3.2	1.2	.3	.0	.0	.0	.0		
(S) 170-190	3.0	5.4	1.8	.3	.0	.0	.0		
200-220	4.4	5.2	2.4	.3	.0	.0			
230-250	3.1	2.4	1.0	.2	.0	.0	.0		
(W) 260-280	2.9	1.6	.3	.0	.0				
290-310	2.0	.6	.1						
320-340	1.4	.5	.0	.0					
VARIABLE									
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	35.4	22.6	6.8	.8					

TOTAL NUMBER OF OBSERVATIONS: 37664

A

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
JURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

N KNOTS

30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
					5.6	4.9	4.0
					7.4	4.8	4.0
					1.8	3.4	3.0
					.9	2.7	2.0
					1.1	2.9	2.0
.0					4.8	4.1	3.0
.0					15.5	5.3	4.0
					12.4	6.5	6.0
.0					6.5	5.8	5.0
					4.8	4.6	4.0
					2.6	3.6	3.0
					2.3	3.4	3.0
					34.0		
					100.0	3.4	4.0

'ATIONS: 87664

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE SURFAC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

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

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	4
(N)	350-010	2.6	1.0	.1						
	020-040	4.3	2.2	.4	.1					
	050-070	2.3	.3							
(E)	080-100	1.2	.1							
	110-130	1.2	.0							
	140-160	2.3	.4	.1						
(S)	170-190	6.1	1.5	.8	.2					
	200-220	5.8	3.4	1.4	.2	.0				
	230-250	4.4	1.6	.3	.0	.0				
(W)	260-280	2.8	.5	.1		.0				
	290-310	1.2	.2	.0						
	320-340	1.0	.2							
	VARIABLE									
	CALM	//								
	TOTALS	35.7	11.4	3.2	.5					

TOTAL NUMBER OF OBSERVATIONS: 6654

OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

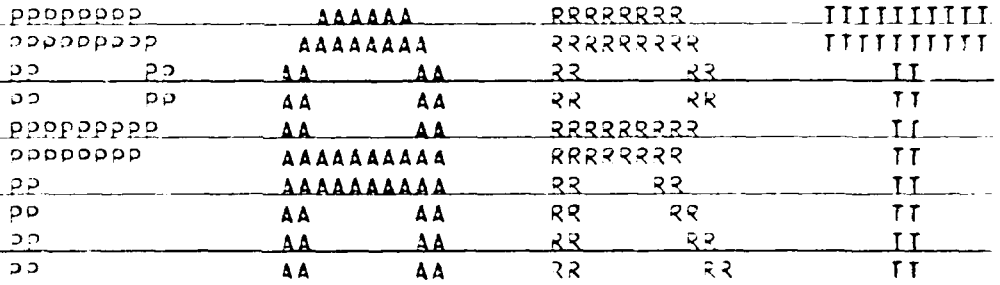
ITH VISIBILITY GE 1/2 MILE (0800 METERS).

LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

IN KNOTS

2	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
						3.7	3.7	3.0
						7.1	4.5	4.0
						2.6	2.8	2.0
						1.4	2.5	2.0
						1.3	2.2	2.0
						3.2	2.8	2.0
						8.7	4.3	3.0
						10.8	5.2	4.0
						5.4	3.9	3.0
						3.3	3.2	2.0
						1.4	2.9	2.0
						1.2	2.7	2.0
//////////////////////////////////////						49.0	//////////	
						100.0	2.1	3.0

/ATIONS: 6654


PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTT
PP PP AA AA RR RR TT
PP PP AA AA RR RR TT
PPPPPPPPP AA AA RRRRRRRRR TT
PPPPPPPP AAAAAAAAAA RRRRRRRR TT
PP AAAAAAAAAA RR RR TT
PP AA AA RR RR TT
PP AA AA RR RR TT
PP AA AA RR RR TT

A

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RR          IIIIIIIIII          DDDDDDDD
RRR         IIIIIIIIII          DDDDDDDDD
  RR            II              DD    DD
  RR            II              DD    DD
RRR             II              DD    DD
RR              II              DD    DD
RR              II              DD    DD
  RR            II              DD    DD
   RR           II              DDDDDDDDD
    RR          II              DDDDDDDDD
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0 - 1 - 1

PART D

CEILING VERSUS VISIBILITY AND SKY COVE

CEILING VS VISIBILITY--PERCENT OCCURRENCE FREQUENCY.
CREATED FROM HOURLY OBSERVATIONS, THIS SUMMARY IS
OF PERCENTAGE FREQUENCY BY CLASSES OF CEILING (FE
"NO CEILING" IS A SEPARATE CLASS) VERSUS VISIBILI
(METERS) TO GREATER THAN OR EQUAL TO 7 STATUTE MI
TABLES SUMMARIZE THE DATA AS FOLLOWS:

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

BECAUSE OF THE CUMULATIVE NATURE OF THESE SUMMARIES,
DETERMINE THE PERCENTAGE OCCURRENCE FREQUENCY (POE)
AND/OR VISIBILITY LIMIT(S), EITHER SEPARATELY OR I
TOTALS PROGRESS FROM RIGHT TO LEFT AND FROM BOTTOM T
CEILING ALONE, REFER TO THE EXTREME RIGHT-HAND COLU
TO DETERMINE VISIBILITY ALONE, REFER TO THE BOTTOM R
DETERMINE THE POF THAT MEETS OR EXCEEDS ANY GIVEN SE
THE VALUE AT THE INTERSECTION OF THE APPROPRIATE CE
COLUMN.

NOTE 1: IN JANUARY 1968, METAR STATIONS BEGAN REPO
MILES OR 9000 METERS. VALUES EXCEEDING 9000 METE

NOTE 2: FOR OVERSEAS CIVILIAN STATIONS REPORTING "C
THAN 5000 FEET APPEAR IN THE 5000 FEET CLASS.

CONVERSIONS: 1 STATUTE MILE = 1,609.344 METERS = .
FOR CONVENIENCE, THE CONVERSION OFTEN USED IS 1 S

SKY COVER--PERCENT OCCURRENCE FREQUENCY.
ALSO CREATED FROM HOURLY OBSERVATIONS, THIS SUMMA
OCCURRENCE FREQUENCY (POE) OF SKY COVER IN EIGHT
AS CLEAR, SCATTERED, BROKEN, OVERCAST, PARTIALLY
OBSCURRED FOR AIRWAYS STATIONS. FOR AIRWAYS STAT
POF FOR SKY COVER GREATER THAN ONE-HALF (I.E., 6/
SAME AS FOR PREVIOUS TABLE.

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR METAR

ART D

ILITY AND SKY COVER SUMMARIES

CURRENCE FREQUENCY (POF).
NS, THIS SUMMARY IS A BIVARIATE DISTRIBUTION
SSES OF CEILING (FROM ZERO FEET TO 20,000 FEET--
SS) VERSUS VISIBILITY CLASSES (FROM ZERO MILES
JAL TO 7 STATUTE MILES (11,200 METERS)). THE
OLLOWS:

IME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

L HOURS COMBINED).

HOURS COMBINED).

OF THESE SUMMARIES, IT IS POSSIBLE TO
CE FREQUENCY (POF) FOR ANY GIVEN CEILING
ER SEPARATELY OR IN ANY COMBINATION.
T AND FROM BOTTOM TO TOP. TO DETERMINE
HE RIGHT-HAND COLUMN (ZERO VISIBILITY).
FER TO THE BOTTOM ROW (ZERO CEILINGS).
XCEEDS ANY GIVEN SET OF MAXIMA BY READING
THE APPROPRIATE CEILING ROW AND VISIBILITY

TATIONS BEGAN REPORTING VISIBILITIES TO 6 STATUTE
EXCEEDING 9000 METERS ARE REPORTED AS "9999."

ATIONS REPORTING "CAVOK", ALL CEILINGS GREATER
000 FEET CLASS.

609.344 METERS = .868391 NAUTICAL MILES.
N OFTEN USED IS 1 STATUTE MILE = 1,600 METERS.

QUENCY.
VATIONS, THIS SUMMARY GIVES PERCENTAGE
SKY COVER IN EIGHTHS FOR SYNOPTIC STATIONS, BUT
VERCAST, PARTIALLY OBSCURRED, OR TOTALLY
. FOR AIRWAYS STATIONS, THIS SUMMARY ALSO GIVES
ONE-HALF (I.E., 6/10). DATA IS SUMMARIZED THE

AVAILABLE FOR METAR REPORTING STATIONS.

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

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.6	17.7	19.2	20.0	21.4	21.7	22.3	22.7	22.7
GE 20000	17.3	19.2	20.8	21.5	23.2	23.7	24.3	24.7	24.7
GE 18000	18.0	19.5	21.0	21.7	23.4	23.9	24.5	24.9	24.9
GE 16000	18.0	19.5	21.0	21.7	23.5	24.0	24.6	25.1	25.1
GE 14000	18.5	20.1	21.8	22.6	24.5	24.9	25.6	26.1	26.1
GE 12000	19.4	21.1	22.8	23.5	25.6	26.0	26.7	27.2	27.2
GE 10000	21.1	23.1	25.2	26.2	28.3	28.7	29.6	30.1	30.1
GE 9000	21.2	23.3	25.6	26.3	29.0	29.5	30.3	30.9	30.9
GE 8000	24.4	26.8	29.2	30.4	32.9	33.5	34.4	35.2	35.2
GE 7000	26.1	28.8	31.3	32.6	35.1	35.7	36.6	37.3	37.3
GE 6000	27.1	29.8	32.3	33.7	36.1	36.8	37.6	38.4	38.4
GE 5000	30.3	33.1	35.9	37.4	40.1	40.8	41.6	42.4	42.4
GE 4500	35.2	38.4	41.3	43.0	45.7	46.3	47.2	48.0	48.0
GE 4000	39.8	43.3	47.0	49.0	51.9	52.6	53.4	54.2	54.2
GE 3500	44.5	48.2	51.9	54.0	57.4	58.1	58.9	59.7	59.7
GE 3000	48.0	51.8	56.0	58.4	62.0	62.7	63.7	64.4	64.4
GE 2500	51.4	55.4	59.9	62.3	66.0	66.7	67.6	68.4	68.4
GE 2000	53.2	57.3	62.2	64.5	68.4	69.0	70.1	70.9	70.9
GE 1800	53.7	57.7	62.6	64.9	68.8	69.5	70.5	71.3	71.3
GE 1500	55.2	59.2	64.1	66.5	70.4	71.1	72.2	73.2	73.2
GE 1200	55.7	59.8	64.6	67.[illegible]	71.0	71.6	72.7	74.1	74.1
GE 1000	56.2	60.4	65.5	67.8	72.4	73.0	74.2	75.6	75.6
GE 900	56.5	60.8	65.9	68.3	72.8	73.4	74.7	76.3	76.3
GE 800	56.5	60.9	66.0	68.4	72.9	73.5	74.8	76.5	76.5
GE 700	56.6	60.9	66.1	68.5	73.2	73.9	75.2	76.9	76.9
GE 600	56.7	61.0	66.7	69.0	73.8	74.4	75.9	77.6	77.6
GE 500	56.7	61.0	66.8	69.1	74.0	74.6	76.6	78.4	78.4
GE 400	56.7	61.0	66.8	69.1	74.3	75.1	77.2	79.1	79.1
GE 300	56.7	61.0	66.8	69.1	74.3	75.1	77.2	79.1	79.1
GE 200	56.7	61.1	67.0	69.5	74.7	75.5	77.6	79.6	79.6
GE 100	56.7	61.1	67.0	69.5	74.7	75.5	77.6	79.6	79.6
GE 000	56.7	61.1	67.0	69.5	74.7	75.5	77.6	79.6	79.6

TOTAL NUMBER OF OBSERVATIONS 930

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 00-02

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	22.7	22.7	24.1	24.5	24.6	25.5	25.8	26.3	27.7
.3	24.7	24.7	26.1	26.6	26.7	27.5	27.8	28.4	29.3
.5	24.9	24.9	26.3	26.8	26.9	27.7	28.1	28.6	30.0
.6	25.1	25.1	26.5	27.0	27.1	28.1	28.4	28.9	30.3
.6	26.1	26.1	27.5	28.1	28.2	29.1	29.5	30.0	31.4
.7	27.2	27.2	28.6	29.5	29.6	30.5	30.9	31.4	32.8
.6	30.1	30.1	31.5	32.4	32.5	33.4	33.8	34.3	35.7
.3	30.9	30.9	32.3	33.1	33.2	34.2	34.5	35.1	36.5
.4	35.2	35.2	36.6	37.4	37.5	38.5	38.8	39.4	40.8
.6	37.3	37.3	38.7	39.6	39.7	40.6	41.0	41.5	42.9
.6	38.4	38.4	39.8	40.8	40.9	41.8	42.3	42.8	44.2
.5	42.4	42.4	43.8	44.7	44.8	45.9	46.3	46.9	48.3
.2	43.0	43.0	49.4	50.4	50.5	51.7	52.2	52.7	54.1
.4	54.2	54.2	55.6	56.8	56.9	58.2	58.7	59.2	60.6
.9	59.7	59.7	61.1	62.3	62.4	63.7	64.2	64.7	66.1
.7	64.4	64.4	65.9	67.1	67.2	68.5	69.4	70.0	71.4
.5	68.4	68.4	69.9	71.1	71.2	72.5	73.3	74.0	75.4
.1	70.9	70.9	72.7	73.9	74.0	75.3	76.1	76.8	78.2
.5	71.3	71.3	73.2	74.4	74.5	75.8	76.7	77.3	78.7
.2	73.2	73.2	75.2	76.3	76.5	77.7	78.6	79.2	80.6
.7	74.1	74.1	76.0	77.2	77.3	78.6	79.5	80.1	81.5
.2	75.6	75.6	77.5	78.7	78.8	80.1	81.0	81.6	83.0
.7	76.3	76.3	78.3	79.5	79.6	80.9	81.7	82.5	83.9
.8	76.5	76.5	78.4	79.9	80.0	81.3	82.3	83.0	84.4
.2	76.9	76.9	78.8	80.5	80.6	81.9	83.0	83.8	85.2
.9	77.6	77.6	79.6	81.3	81.4	82.7	83.8	84.5	86.0
.6	78.4	78.4	80.6	82.6	82.7	84.1	85.2	85.9	87.5
.2	79.1	79.1	81.5	83.7	83.8	85.2	86.2	87.0	88.7
.2	79.1	79.1	81.6	84.0	84.1	85.8	86.9	87.7	90.2
.6	79.6	79.6	82.4	84.9	85.1	86.9	88.1	89.5	94.1
.6	79.6	79.6	82.6	85.3	85.5	87.4	88.7	91.3	98.4
.6	79.6	79.6	82.6	85.3	85.5	87.4	88.7	91.3	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.8	18.4	19.9	20.4	21.8	21.8	23.0	23.5	23.7
GE 20000	17.8	19.5	21.0	21.5	22.9	22.9	24.1	24.6	24.7
GE 18000	17.8	19.5	21.0	21.5	22.9	22.9	24.1	24.6	24.7
GE 16000	17.8	19.5	21.0	21.5	23.0	23.0	24.2	24.7	24.8
GE 14000	18.3	20.0	21.5	22.0	23.5	23.5	24.7	25.3	25.4
GE 12000	18.9	20.6	22.5	23.3	25.1	25.1	26.5	27.0	27.1
GE 10000	21.4	23.2	25.6	26.7	28.5	28.5	29.9	30.5	30.6
GE 9000	21.6	23.4	26.1	27.2	29.1	29.1	30.5	31.2	31.3
GE 8000	24.1	26.1	28.9	30.0	32.0	32.4	33.9	34.5	34.6
GE 7000	25.4	27.5	30.5	31.6	33.7	34.1	35.7	36.3	36.5
GE 6000	26.5	28.6	31.6	32.8	34.8	35.3	36.9	37.6	37.7
GE 5000	28.6	31.0	34.2	35.5	38.0	38.5	40.1	40.9	41.0
GE 4500	32.6	35.5	38.9	40.5	43.4	44.0	45.6	46.3	46.5
GE 4000	38.5	41.4	45.3	47.1	50.2	50.8	52.6	53.3	53.4
GE 3500	43.4	46.6	50.8	52.7	55.9	56.5	58.4	59.1	59.2
GE 3000	48.0	51.4	56.0	58.2	61.6	62.4	64.5	65.4	65.5
GE 2500	50.8	54.4	59.2	61.4	64.8	65.6	67.7	68.6	68.7
GE 2000	53.0	56.8	62.0	64.3	67.7	68.6	70.8	71.6	71.7
GE 1800	53.3	57.2	62.5	64.7	68.3	69.1	71.4	72.4	72.5
GE 1500	55.4	59.2	64.7	67.1	71.0	71.8	74.1	75.1	75.2
GE 1200	55.9	60.0	65.6	68.0	71.8	72.7	74.9	75.9	76.0
GE 1000	57.0	61.1	66.7	69.0	73.0	73.9	76.1	77.1	77.2
GE 900	57.1	61.2	67.0	69.4	73.4	74.3	76.6	77.5	77.6
GE 800	57.2	61.3	67.1	69.5	73.5	74.4	76.8	77.8	78.0
GE 700	57.2	61.3	67.1	69.5	73.7	74.5	76.9	78.0	78.1
GE 600	57.2	61.3	67.2	69.6	73.8	74.6	77.1	78.3	78.4
GE 500	57.2	61.3	67.2	69.8	74.1	74.9	77.3	79.2	79.4
GE 400	57.2	61.3	67.4	70.2	74.6	75.5	78.6	80.3	80.4
GE 300	57.3	61.4	67.5	70.3	74.7	75.6	79.1	81.0	81.1
GE 200	57.3	61.4	67.5	70.3	74.9	75.8	79.5	81.3	81.4
GE 100	57.3	61.5	67.6	70.4	75.1	75.9	79.6	81.5	81.6
GE 000	57.3	61.5	67.6	70.4	75.2	76.0	79.7	81.6	81.7

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 03-05

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	23.5	23.7	24.7	25.4	25.4	25.5	25.9	26.0	26.9	
.1	24.6	24.7	25.9	26.6	26.6	25.7	27.1	27.2	28.1	
.1	24.6	24.7	25.9	26.6	26.6	26.7	27.1	27.2	28.1	
.2	24.7	24.8	26.0	26.8	26.8	26.9	27.3	27.4	29.3	
.7	25.3	25.4	26.5	27.3	27.3	27.4	27.8	28.0	28.8	
.5	27.0	27.1	28.3	29.0	29.0	29.1	29.6	29.7	30.5	
.9	30.5	30.6	31.9	32.7	32.7	32.8	33.2	33.3	34.2	
.5	31.2	31.3	32.6	33.3	33.3	33.4	33.9	34.0	34.8	
.9	34.5	34.6	35.9	36.7	36.7	36.8	37.2	37.3	38.2	
.7	36.3	36.5	37.7	38.5	38.5	38.6	39.0	39.1	40.0	
.9	37.6	37.7	39.0	39.8	39.8	39.9	40.3	40.4	41.3	
.1	40.9	41.0	42.3	43.0	43.0	43.1	43.5	43.7	44.5	
.6	46.3	46.5	47.7	48.5	48.5	48.6	49.0	49.1	50.0	
.6	53.3	53.4	54.8	55.6	55.6	55.7	56.1	56.2	57.1	
.4	59.1	59.2	60.6	61.4	61.4	61.5	61.9	62.0	62.9	
.5	65.4	65.5	67.0	67.7	67.7	67.8	68.6	68.7	69.6	
.7	68.6	68.7	70.2	71.2	71.2	71.3	72.0	72.2	73.0	
.8	71.6	71.7	73.5	74.4	74.4	74.5	75.3	75.4	76.2	
.4	72.4	72.5	74.3	75.2	75.2	75.3	76.0	76.1	77.0	
.1	75.1	75.2	77.0	78.0	78.0	78.1	78.8	78.9	79.8	
.9	75.9	76.0	77.8	78.8	78.8	78.9	79.7	79.8	80.6	
.1	77.1	77.2	79.1	80.1	80.1	80.2	81.0	81.1	81.9	
.6	77.5	77.6	79.6	80.5	80.5	80.6	81.4	81.5	82.4	
.8	77.8	78.0	79.9	80.9	80.9	81.0	81.7	81.8	82.7	
.9	78.0	78.1	80.0	81.0	81.1	81.2	81.9	82.0	83.1	
.1	78.3	78.4	80.4	81.4	81.4	81.5	82.3	82.4	83.4	
.8	79.2	79.4	81.7	83.1	83.1	83.2	84.1	84.2	85.4	
.6	80.3	80.4	82.9	84.3	84.3	84.4	85.5	85.6	86.9	
.1	81.0	81.1	83.8	85.2	85.3	85.7	85.8	87.5	90.0	
.5	81.3	81.4	84.5	86.1	86.3	86.8	88.1	89.1	93.7	
.6	81.5	81.6	84.9	86.8	87.1	87.6	89.1	90.9	98.2	
.7	81.6	81.7	85.1	86.9	87.2	87.7	89.2	91.0	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	18.0	18.9	20.1	20.5	21.6	21.9	22.5	22.9	23.0
GE 20000	19.6	20.5	21.8	22.5	23.5	24.0	24.5	24.9	25.1
GE 18000	19.7	20.6	21.9	22.6	23.7	24.1	24.6	25.1	25.2
GE 16000	19.8	20.8	22.0	22.9	24.0	24.4	25.1	25.5	25.6
GE 14000	20.1	21.1	22.4	23.2	24.3	24.7	25.4	25.8	25.9
GE 12000	21.8	23.0	24.3	25.2	26.6	27.0	27.6	28.1	28.2
GE 10000	23.5	24.8	26.1	27.0	28.4	28.8	29.6	30.1	30.3
GE 9000	23.5	24.9	26.2	27.1	28.5	29.0	29.8	30.3	30.5
GE 8000	25.1	26.5	28.0	29.0	30.5	31.2	31.9	32.5	32.7
GE 7000	26.2	27.6	29.4	30.8	32.4	33.0	33.8	34.3	34.5
GE 6000	27.2	28.7	30.4	31.8	33.7	34.3	35.1	35.6	35.8
GE 5000	30.4	32.0	33.9	35.5	37.6	38.3	39.0	39.6	39.8
GE 4500	34.4	36.1	38.3	40.2	42.8	43.4	44.2	44.7	44.9
GE 4000	41.1	43.1	45.4	47.7	50.6	51.4	52.7	53.2	53.4
GE 3500	44.9	47.4	50.0	52.7	55.8	56.6	57.8	58.4	58.6
GE 3000	50.9	53.8	56.6	59.7	63.2	64.0	65.3	65.9	66.1
GE 2500	53.5	56.8	59.7	62.9	66.8	67.5	69.0	69.8	70.0
GE 2000	55.6	58.9	62.0	65.4	69.5	70.2	72.0	72.8	73.0
GE 1800	55.7	59.0	62.2	65.5	69.7	70.4	72.4	73.2	73.4
GE 1500	57.4	60.8	63.9	67.2	71.7	72.5	74.5	75.6	75.8
GE 1200	58.0	61.3	64.4	67.8	72.5	73.2	75.3	76.3	76.6
GE 1000	58.9	62.3	65.5	68.9	73.7	74.5	76.7	77.8	78.1
GE 900	59.2	62.7	65.9	69.4	74.2	75.1	77.2	78.4	78.6
GE 800	59.4	62.8	66.0	69.5	74.3	75.3	77.4	78.6	78.8
GE 700	59.4	62.8	66.1	69.6	74.6	75.6	77.7	78.9	79.1
GE 600	59.6	63.0	66.3	69.8	75.1	76.0	78.4	79.7	79.9
GE 500	59.6	63.0	66.3	69.9	75.4	76.3	78.8	80.3	80.5
GE 400	59.6	63.0	66.6	70.2	75.8	76.8	79.4	81.2	81.4
GE 300	59.6	63.0	66.6	70.2	76.0	77.0	79.9	81.8	82.0
GE 200	59.6	63.0	66.9	70.6	76.8	77.8	81.0	82.9	83.1
GE 100	59.6	63.0	66.9	70.6	76.9	78.0	81.1	83.1	83.3
GE 000	59.6	63.0	66.9	70.6	76.9	78.0	81.1	83.1	83.3

TOTAL NUMBER OF OBSERVATIONS 930

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 06-08

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2.5	22.9	23.0	23.7	24.0	24.1	24.3	24.3	24.4	25.2
4.5	24.9	25.1	25.7	26.0	26.1	25.5	26.5	26.6	27.3
4.6	25.1	25.2	25.8	26.1	26.2	25.6	26.6	26.7	27.4
5.1	25.5	25.6	26.2	26.6	26.7	27.0	27.0	27.1	27.8
5.4	25.8	25.9	26.5	26.9	27.0	27.3	27.3	27.4	28.2
7.6	28.1	28.2	28.8	29.1	29.2	29.6	29.6	29.7	30.8
9.5	30.1	30.3	31.0	31.3	31.4	31.7	31.7	31.8	32.9
9.8	30.3	30.5	31.2	31.5	31.6	31.9	31.9	32.0	33.1
1.9	32.5	32.7	33.3	33.7	33.8	34.2	34.2	34.3	35.5
3.8	34.3	34.5	35.2	35.5	35.6	36.0	36.0	36.1	37.3
5.1	35.6	35.8	36.5	36.8	36.9	37.3	37.3	37.4	38.6
9.0	39.6	39.8	40.4	40.8	40.9	41.3	41.3	41.4	42.6
4.2	44.7	44.9	45.6	45.9	46.0	45.5	46.5	46.6	47.7
2.7	53.2	53.4	54.1	54.4	54.5	54.9	54.9	55.1	56.2
7.8	58.4	58.6	59.4	59.8	59.9	60.3	60.3	60.4	61.6
5.3	65.9	66.1	66.9	67.3	67.4	67.8	67.8	68.0	69.1
9.0	69.8	70.0	70.9	71.3	71.4	71.8	71.8	71.9	73.1
2.0	72.8	73.0	74.0	74.4	74.5	74.9	74.9	75.1	76.2
2.4	73.2	73.4	74.5	74.9	75.1	75.5	75.5	75.6	76.8
4.5	75.5	75.8	76.9	77.3	77.4	77.8	77.8	78.0	79.2
5.3	76.3	76.6	77.7	78.2	78.3	78.7	78.7	78.8	80.1
6.7	77.3	78.1	79.4	79.8	79.9	80.3	80.5	80.6	81.9
7.2	78.4	79.5	80.0	80.4	80.5	81.0	81.2	81.3	82.6
7.4	78.6	78.8	80.2	80.6	80.8	81.2	81.4	81.6	82.9
7.7	78.9	79.1	80.5	81.0	81.1	81.5	81.7	81.9	83.3
8.4	79.7	79.9	81.3	81.7	81.8	82.3	82.5	82.7	84.1
8.3	80.3	80.5	82.4	82.8	82.9	83.4	83.9	84.2	85.7
8.4	81.2	81.4	83.3	83.8	83.9	84.4	84.9	85.4	87.4
9.9	81.8	82.0	84.1	84.6	84.7	85.6	86.1	86.7	89.7
1.0	82.9	83.1	85.3	85.3	86.5	87.7	88.4	89.5	94.3
1.1	83.1	83.3	85.6	87.0	87.1	88.5	89.1	90.9	98.4
1.1	83.1	83.3	85.6	87.0	87.1	88.5	89.1	90.8	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.5	17.2	18.1	18.9	19.6	19.7	20.1	20.3	20.4
GE 20000	20.3	21.6	22.6	23.4	24.1	24.2	24.6	24.9	25.1
GE 18000	21.7	22.6	23.5	24.4	25.2	25.3	25.7	26.0	26.1
GE 16000	22.3	23.1	24.3	25.2	25.9	26.0	26.6	26.9	27.0
GE 14000	24.3	25.2	26.3	27.2	28.0	28.1	28.6	29.0	29.1
GE 12000	25.7	26.6	28.1	28.9	29.7	29.8	30.5	31.0	31.1
GE 10000	28.0	29.0	30.6	31.7	32.7	32.8	33.7	34.2	34.3
GE 9000	28.6	29.7	31.3	32.4	33.3	33.4	34.3	34.8	34.9
GE 8000	31.1	32.4	34.3	35.7	36.8	37.0	37.8	38.4	38.5
GE 7000	32.8	34.2	36.3	37.7	38.8	39.0	39.9	40.4	40.5
GE 6000	33.3	34.7	37.0	38.4	39.8	40.0	40.9	41.4	41.5
GE 5000	36.3	38.1	40.5	42.2	43.5	43.8	44.6	45.2	45.3
GE 4500	40.6	42.4	44.8	46.6	48.5	48.7	49.6	50.1	50.3
GE 4000	45.4	47.2	50.4	52.9	54.8	55.1	56.2	56.9	57.2
GE 3500	48.6	50.9	54.4	57.1	59.5	59.7	61.1	61.7	62.0
GE 3000	54.3	57.1	61.0	63.9	66.6	66.8	68.5	69.6	70.0
GE 2500	55.8	58.8	63.3	66.5	69.1	69.4	71.2	72.3	72.7
GE 2000	57.5	60.6	65.3	68.8	71.5	71.7	73.9	75.2	75.6
GE 1800	57.8	61.0	65.6	69.1	71.8	72.3	74.5	75.9	76.3
GE 1500	58.8	62.0	66.9	70.8	73.7	74.1	76.3	78.4	78.9
GE 1200	59.2	62.5	67.4	71.3	74.3	74.7	77.4	79.1	79.8
GE 1000	59.7	62.9	67.8	71.9	75.1	75.6	78.4	80.1	81.0
GE 900	59.8	63.0	68.0	72.0	75.2	75.7	78.7	80.8	81.6
GE 800	59.8	63.0	68.0	72.0	75.2	75.7	78.7	80.8	81.6
GE 700	59.8	63.0	68.0	72.2	75.3	75.8	78.8	80.9	81.7
GE 600	59.8	63.0	68.0	72.2	75.4	75.9	78.9	81.0	81.8
GE 500	59.8	63.0	68.1	72.3	75.9	76.5	79.5	81.3	82.9
GE 400	59.8	63.0	68.1	72.4	76.1	76.7	79.8	82.4	83.3
GE 300	59.8	63.0	68.1	72.4	76.1	76.8	80.2	82.9	84.0
GE 200	59.8	63.0	68.1	72.4	76.2	76.9	80.3	83.0	84.2
GE 100	59.8	63.0	68.1	72.4	76.2	76.9	80.3	83.0	84.2
GE 000	59.8	63.0	68.1	72.4	76.2	76.9	80.3	83.0	84.2

TOTAL NUMBER OF OBSERVATIONS 930

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
OM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: 09-11

M STATUTE MILES

E	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	20.3	20.4	20.5	20.5	20.5	20.8	20.8	20.8	21.5
.6	24.9	25.1	25.6	25.6	25.6	25.8	26.0	26.1	27.1
.7	26.0	26.1	26.7	26.7	26.7	26.9	27.1	27.3	28.3
.6	26.9	27.0	27.5	27.5	27.5	27.7	28.0	28.2	29.1
.6	29.0	29.1	29.7	29.7	29.7	29.9	30.1	30.3	31.3
.5	31.0	31.1	31.6	31.6	31.6	31.8	32.0	32.3	33.2
.7	34.2	34.3	34.8	34.8	34.8	35.2	35.4	35.6	36.6
.3	34.8	34.9	35.5	35.5	35.5	35.8	36.0	36.2	37.2
.8	38.4	38.5	39.0	39.0	39.0	39.4	39.6	39.8	40.8
.9	40.4	40.5	41.1	41.1	41.1	41.4	41.6	41.8	42.8
.9	41.4	41.5	42.0	42.0	42.0	42.4	42.6	42.8	43.8
.6	45.2	45.3	45.8	45.8	45.8	46.1	46.3	46.6	47.5
.5	50.1	50.3	51.0	51.2	51.2	51.5	51.7	51.9	52.9
.2	56.9	57.2	58.0	58.4	58.4	58.7	58.9	59.1	60.1
.1	61.7	62.0	62.8	63.2	63.2	63.5	63.8	64.0	64.9
.5	69.6	70.0	70.8	71.2	71.2	71.5	71.7	71.9	72.9
.2	72.3	72.7	73.4	73.9	73.9	74.2	74.4	74.6	75.6
.3	75.2	75.6	76.6	77.0	77.0	77.3	77.5	77.7	78.7
.5	75.9	76.3	77.5	78.0	78.0	78.3	78.5	78.7	79.7
.3	78.4	78.9	80.2	80.6	80.6	81.0	81.2	81.4	82.4
.4	79.1	79.8	81.1	81.5	81.5	81.8	82.0	82.3	83.2
.4	80.1	81.0	82.3	82.7	82.7	83.1	83.3	83.5	84.5
.7	80.8	81.5	82.9	83.3	83.3	83.8	84.0	84.2	85.3
.7	80.8	81.6	82.9	83.3	83.3	83.8	84.0	84.2	85.3
.8	80.9	81.7	83.0	83.5	83.5	84.0	84.2	84.4	85.5
.9	81.0	81.8	83.2	83.8	83.8	84.2	84.4	84.6	85.7
.5	81.3	82.8	84.3	84.9	84.9	85.5	85.8	86.0	87.2
.8	82.4	83.3	85.4	86.5	86.5	87.1	87.4	88.0	89.2
.2	82.9	84.0	86.6	88.2	88.2	89.1	89.7	90.3	92.2
.3	83.0	84.2	87.3	89.1	89.4	91.1	91.7	92.6	96.3
.3	83.0	84.2	87.5	89.6	89.8	91.7	92.7	94.1	98.9
.3	83.0	84.2	87.5	89.6	89.8	91.7	92.7	94.1	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	17.3	17.5	17.8	18.1	18.3	18.5	18.6	18.7	18.7
GE 20000	24.2	24.8	25.4	26.0	26.5	26.7	27.0	27.1	27.1
GE 18000	25.1	25.7	26.2	26.8	27.3	27.5	27.8	28.0	28.0
GE 16000	25.7	26.3	26.9	27.5	28.0	28.2	28.5	28.6	28.6
GE 14000	28.4	29.0	29.6	30.2	30.6	30.9	31.2	31.3	31.3
GE 12000	31.0	32.2	33.0	33.7	34.2	34.4	34.7	34.8	34.8
GE 10000	34.3	35.5	36.6	37.7	38.6	38.8	39.2	39.4	39.4
GE 9000	34.3	36.0	37.1	38.3	39.1	39.4	39.8	39.9	39.9
GE 8000	38.2	39.5	40.6	41.8	42.9	43.1	43.5	43.7	43.7
GE 7000	40.3	41.6	42.8	44.2	45.4	45.6	46.0	46.1	46.1
GE 6000	41.5	42.8	44.0	45.5	46.7	46.9	47.4	47.5	47.5
GE 5000	45.9	47.4	49.0	50.6	51.8	52.0	52.6	52.7	52.7
GE 4500	48.1	49.7	51.3	53.1	54.3	54.5	55.1	55.4	55.4
GE 4000	52.5	54.1	56.3	58.4	59.8	60.1	60.9	61.2	61.2
GE 3500	56.9	58.8	61.3	63.5	64.9	65.3	66.2	66.5	66.6
GE 3000	63.2	65.2	68.1	70.8	72.4	72.8	74.0	74.4	74.6
GE 2500	66.6	68.6	71.6	74.5	76.1	76.6	77.7	78.4	78.6
GE 2000	68.4	70.3	73.3	76.9	78.5	79.0	80.2	80.9	81.1
GE 1800	69.7	70.8	74.2	77.4	79.0	79.6	80.8	81.4	81.6
GE 1500	70.0	72.0	75.8	79.0	80.6	81.2	82.5	83.1	83.3
GE 1200	70.5	72.7	76.5	79.8	81.5	82.2	83.4	84.2	84.4
GE 1000	71.5	73.7	77.5	81.1	82.9	83.5	84.9	85.9	86.3
GE 900	71.7	74.0	77.8	81.4	83.2	83.9	85.4	86.5	86.9
GE 800	72.0	74.3	78.2	81.7	83.9	84.5	86.2	87.5	88.0
GE 700	72.0	74.4	78.4	81.9	84.4	85.2	87.0	88.5	89.0
GE 600	72.2	74.5	78.6	82.2	84.6	85.4	87.5	89.0	89.6
GE 500	72.2	74.5	78.6	82.4	84.9	85.9	88.2	90.0	90.8
GE 400	72.2	74.5	78.7	82.6	85.2	86.1	88.8	91.3	92.3
GE 300	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2
GE 200	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2
GE 100	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2
GE 000	72.2	74.5	78.7	82.6	85.3	86.3	89.2	92.0	93.2

TOTAL NUMBER OF OBSERVATIONS 930

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ON HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 12-14

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
6	18.7	18.7	18.9	19.0	19.0	19.1	19.1	19.1	19.2
0	27.1	27.1	27.3	27.4	27.4	27.6	27.6	27.6	27.7
8	28.0	28.0	28.2	28.3	28.3	28.5	28.5	28.5	28.6
5	28.6	28.6	28.8	28.9	28.9	29.1	29.1	29.1	29.2
.2	31.3	31.3	31.5	31.6	31.6	31.8	31.8	31.8	31.9
.7	34.3	34.3	35.1	35.2	35.2	35.4	35.4	35.4	35.5
2	39.4	39.4	39.6	39.7	39.7	39.9	39.9	39.9	40.0
8	39.9	39.9	40.1	40.2	40.2	40.4	40.4	40.4	40.5
5	43.7	43.7	43.9	44.0	44.0	44.2	44.2	44.2	44.3
.0	46.1	46.1	46.3	46.5	46.5	46.7	46.7	46.7	46.8
.4	47.5	47.5	47.7	47.8	47.8	48.1	48.1	48.1	48.2
5	52.7	52.7	52.9	53.0	53.0	53.2	53.2	53.2	53.3
1	55.4	55.4	55.7	55.8	55.8	56.0	56.0	56.0	56.1
.9	61.2	61.2	61.5	61.9	61.9	62.2	62.2	62.2	62.3
.2	66.5	66.5	66.9	67.3	67.3	67.5	67.5	67.5	67.6
.0	74.4	74.6	74.9	75.4	75.4	75.6	75.6	75.6	75.7
.7	78.4	78.6	78.9	79.4	79.4	79.6	79.6	79.6	79.7
.2	80.9	81.1	81.4	81.8	81.8	82.0	82.0	82.0	82.2
.8	81.4	81.6	82.0	82.5	82.5	82.7	82.7	82.7	82.8
.5	83.1	83.3	83.9	84.3	84.3	84.5	84.5	84.5	84.6
.4	84.2	84.4	84.9	85.4	85.4	85.6	85.6	85.6	85.7
.9	86.9	86.3	86.9	87.4	87.4	87.6	87.6	87.6	87.7
.4	86.5	86.9	87.4	88.0	88.0	88.2	88.2	88.2	88.3
.2	87.5	88.0	88.5	89.0	89.0	89.2	89.2	89.2	89.4
.0	88.5	89.0	89.6	90.1	90.1	90.3	90.3	90.3	90.4
.5	89.0	89.6	90.3	91.0	91.0	91.2	91.2	91.2	91.3
.2	90.0	90.8	91.6	92.3	92.3	92.5	92.6	92.6	92.7
.3	91.3	92.3	93.8	94.5	94.5	94.9	95.1	95.1	95.2
.2	92.0	93.2	95.3	96.2	96.2	96.9	97.1	97.2	97.5
.2	92.0	93.2	95.7	96.9	96.9	97.6	98.0	98.3	98.7
.2	92.0	93.2	95.7	96.9	96.9	97.7	98.2	98.7	99.6
.2	92.0	93.2	95.7	96.9	96.9	97.7	98.2	98.7	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	21.7	21.9	22.3	23.1	23.8	23.9	23.9	24.2	24.3
GE 20000	27.7	28.1	28.8	30.0	30.6	30.8	31.0	31.3	31.4
GE 18000	28.5	28.9	29.7	30.9	31.5	31.6	31.9	32.3	32.4
GE 16000	28.9	29.2	30.2	31.4	32.0	32.2	32.5	32.8	32.9
GE 14000	31.7	32.4	33.5	34.7	35.4	35.5	35.8	36.1	36.2
GE 12000	34.8	35.5	36.8	38.2	38.8	38.9	39.2	39.6	39.7
GE 10000	37.3	38.7	40.4	42.0	42.8	42.9	43.3	43.7	43.8
GE 9000	38.0	38.8	40.5	42.2	42.9	43.0	43.4	43.8	43.9
GE 8000	41.7	42.8	44.6	46.2	47.3	47.4	48.0	48.3	48.4
GE 7000	44.2	45.3	47.1	48.7	49.8	49.9	50.4	50.8	50.9
GE 6000	45.2	46.2	48.1	49.7	50.8	50.9	51.5	51.8	51.9
GE 5000	49.7	51.2	53.3	54.9	56.1	56.2	56.9	57.2	57.3
GE 4500	52.5	54.3	56.5	58.3	59.5	59.6	60.2	60.5	60.6
GE 4000	57.4	59.6	62.0	64.0	65.5	65.6	66.2	66.6	66.7
GE 3500	62.3	64.4	67.1	69.4	71.1	71.3	71.9	72.4	72.5
GE 3000	68.8	71.3	74.2	76.8	79.7	78.9	79.7	80.2	80.4
GE 2500	72.6	75.2	78.3	80.9	83.0	83.2	84.2	84.7	84.9
GE 2000	74.5	77.3	80.4	83.2	85.6	85.8	87.1	87.6	87.8
GE 1800	74.7	77.5	80.6	83.4	85.8	86.0	87.3	88.0	88.2
GE 1500	75.4	78.2	81.4	84.2	86.7	87.0	88.3	89.0	89.2
GE 1200	75.6	78.7	81.9	84.7	87.2	87.5	88.9	89.7	89.9
GE 1000	75.7	78.8	82.0	85.2	88.1	88.5	90.3	91.1	91.3
GE 900	75.7	78.8	82.0	85.2	88.3	88.7	90.6	91.4	91.5
GE 800	75.7	78.8	82.0	85.3	88.4	88.8	90.9	91.6	91.8
GE 700	75.7	78.9	82.5	85.7	88.9	89.4	91.4	92.3	92.5
GE 600	75.7	78.9	82.5	85.7	88.9	89.4	91.4	92.4	92.6
GE 500	75.8	79.0	82.8	86.1	89.5	89.9	92.3	93.2	93.4
GE 400	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.3	94.5
GE 300	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.3	94.5
GE 200	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.5	94.7
GE 100	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.5	94.7
GE 000	75.8	79.0	82.8	86.2	89.8	90.2	93.1	94.5	94.7

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: 15-17

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 7/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	24.2	24.3	24.4	24.4	24.4	24.4	24.5	24.5	24.5	
.0	31.3	31.4	31.5	31.5	31.5	31.6	31.7	31.7	31.7	
.9	32.3	32.4	32.5	32.5	32.5	32.6	32.7	32.7	32.7	
.6	32.8	32.9	33.0	33.0	33.0	33.1	33.2	33.2	33.2	
.8	36.1	36.2	36.3	36.3	36.3	36.5	36.6	36.6	36.6	
.2	39.6	39.7	39.8	39.8	39.8	39.9	40.0	40.0	40.0	
.3	43.7	43.8	43.9	43.9	43.9	44.0	44.1	44.1	44.1	
.4	43.8	43.9	44.0	44.0	44.0	44.1	44.2	44.2	44.2	
.0	48.3	48.4	48.5	48.6	48.6	48.7	48.8	48.8	48.8	
.4	50.8	50.9	51.0	51.1	51.1	51.2	51.3	51.3	51.3	
.6	51.8	51.9	52.0	52.2	52.2	52.3	52.4	52.4	52.4	
.9	57.2	57.3	57.4	57.5	57.5	57.6	57.7	57.7	57.7	
.2	60.5	60.6	60.9	61.0	61.0	61.1	61.2	61.2	61.2	
.2	66.6	66.7	66.9	67.2	67.2	67.3	67.4	67.4	67.4	
.9	72.4	72.5	72.8	73.1	73.1	73.2	73.3	73.3	73.3	
.7	80.2	80.4	81.1	81.4	81.4	81.5	81.6	81.6	81.6	
.2	84.7	84.9	85.6	85.9	85.9	86.0	86.1	86.1	86.1	
.1	87.6	87.8	88.6	88.9	88.9	89.0	89.1	89.1	89.1	
.3	88.0	88.2	88.9	89.2	89.2	89.4	89.5	89.5	89.5	
.3	89.0	89.2	90.1	90.4	90.4	90.5	90.6	90.6	90.6	
.9	89.7	89.9	90.8	91.1	91.1	91.2	91.3	91.3	91.3	
.3	91.1	91.3	92.2	92.5	92.5	92.6	92.7	92.7	92.7	
.6	91.4	91.6	92.5	92.8	92.8	92.9	93.0	93.0	93.0	
.9	91.6	91.8	92.7	93.0	93.0	93.1	93.2	93.2	93.2	
.4	92.3	92.5	93.7	94.0	94.0	94.1	94.2	94.2	94.2	
.4	92.4	92.6	94.0	94.3	94.3	94.4	94.5	94.5	94.5	
.3	93.2	93.4	94.8	95.2	95.2	95.3	95.4	95.4	95.4	
.1	94.3	94.5	95.7	97.1	97.1	97.3	97.4	97.4	97.4	
.1	94.3	94.5	96.9	97.5	97.5	98.1	98.3	98.3	98.3	
.1	94.5	94.7	97.1	97.7	97.7	98.5	98.7	98.9	99.1	
.1	94.5	94.7	97.1	97.7	97.7	98.6	99.0	99.5	99.9	
.1	94.5	94.7	97.1	97.7	97.7	98.6	99.0	99.5	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	24.0	25.4	26.0	27.4	28.0	28.1	29.6	28.8	28.8
GE 20000	26.3	28.5	29.4	30.9	31.4	31.5	32.0	32.5	32.5
GE 18000	27.1	29.3	29.7	31.2	31.7	31.8	32.4	32.8	32.8
GE 16000	27.2	28.9	29.8	31.3	31.8	31.9	32.7	33.1	33.1
GE 14000	29.7	31.5	32.4	33.9	34.4	34.5	35.3	35.7	35.7
GE 12000	32.2	34.0	34.8	36.3	36.9	37.0	37.7	38.2	38.2
GE 10000	35.5	38.0	39.2	40.9	41.4	41.5	42.3	42.7	42.7
GE 9000	35.3	38.2	39.5	41.1	41.6	41.7	42.5	42.9	42.9
GE 8000	40.4	42.8	44.1	45.8	46.5	46.6	47.3	47.7	47.7
GE 7000	42.3	44.7	46.0	47.7	48.4	48.5	49.2	49.7	49.7
GE 6000	43.0	45.6	47.0	48.7	49.4	49.5	50.2	50.6	50.6
GE 5000	46.5	49.2	50.6	52.4	53.0	53.1	53.9	54.3	54.3
GE 4500	50.3	53.8	55.2	56.9	58.0	58.1	58.8	59.2	59.2
GE 4000	55.6	59.2	61.0	62.8	64.2	64.3	65.3	65.7	65.7
GE 3500	59.6	63.5	65.5	67.7	69.1	69.2	70.3	70.8	70.8
GE 3000	65.7	69.7	72.2	74.5	76.7	76.9	78.2	78.7	78.7
GE 2500	68.0	72.0	74.8	77.3	80.0	80.2	81.6	82.3	82.3
GE 2000	69.0	73.1	76.0	78.5	81.7	81.9	83.5	84.2	84.2
GE 1800	69.2	73.4	76.3	79.0	82.4	82.6	84.2	84.8	84.8
GE 1500	69.3	74.3	77.2	80.2	83.7	83.9	85.6	86.5	86.5
GE 1200	69.9	74.3	77.2	80.3	83.8	84.0	86.1	87.0	87.0
GE 1000	70.1	74.5	77.5	81.0	84.7	84.9	87.2	88.5	88.5
GE 900	70.1	74.5	77.6	81.1	84.8	85.1	87.3	88.6	88.6
GE 800	70.3	74.7	77.8	81.3	85.2	85.4	87.7	89.1	89.1
GE 700	70.3	74.7	78.0	81.4	85.3	85.5	87.8	89.2	89.2
GE 600	70.3	74.7	78.1	81.5	85.5	85.7	88.4	90.0	90.0
GE 500	70.3	74.7	78.1	81.5	85.5	85.7	88.5	90.1	90.1
GE 400	70.3	74.7	78.1	81.5	85.5	85.7	88.5	90.2	90.3
GE 300	70.3	74.7	78.1	81.5	85.5	85.7	88.5	90.3	90.5
GE 200	70.3	74.7	78.1	81.5	85.5	85.8	88.7	90.8	91.0
GE 100	70.3	74.7	78.1	81.5	85.5	85.8	88.8	91.0	91.2
GE 000	70.3	74.7	78.1	81.5	85.5	85.8	88.8	91.0	91.2

TOTAL NUMBER OF OBSERVATIONS 930

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
4 HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: 18-20

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	28.8	28.8	28.9	29.1	29.1	29.5	30.0	30.1	30.3
	32.5	32.5	32.7	32.9	32.9	33.2	33.8	33.9	34.1
	32.8	32.8	33.0	33.2	33.2	33.5	34.1	34.2	34.4
	33.1	33.1	33.3	33.5	33.5	33.9	34.4	34.5	34.7
	35.7	35.7	35.9	36.1	36.1	36.5	37.0	37.1	37.3
	38.2	38.2	38.4	38.6	38.6	38.9	39.5	39.6	39.8
3	42.7	42.7	42.9	43.1	43.1	43.4	44.0	44.1	44.3
5	42.9	42.9	43.1	43.3	43.3	43.7	44.2	44.3	44.5
3	47.7	47.7	48.0	48.2	48.2	48.5	49.0	49.1	49.4
	49.7	49.7	49.9	50.1	50.1	50.4	51.0	51.1	51.3
2	50.6	50.6	50.9	51.1	51.1	51.4	51.9	52.0	52.3
9	54.3	54.3	54.5	54.7	54.7	55.1	55.6	55.7	55.9
8	59.2	59.2	59.5	59.7	59.7	60.1	60.6	60.8	61.0
3	65.7	65.7	66.0	66.2	66.2	66.7	67.2	67.3	67.5
3	70.8	70.8	71.1	71.4	71.4	71.8	72.4	72.5	72.7
2	78.7	78.7	79.1	79.5	79.5	80.0	80.5	80.6	81.0
6	82.3	82.3	82.7	83.0	83.0	83.5	84.1	84.2	84.5
5	84.2	84.2	84.6	84.9	84.9	85.5	86.0	86.1	86.5
2	84.8	84.8	85.3	85.6	85.6	86.1	86.7	86.8	87.1
6	86.5	86.5	87.0	87.3	87.3	87.8	88.4	88.5	88.8
1	87.0	87.0	87.6	88.0	88.0	88.5	89.0	89.1	89.5
2	88.5	88.5	89.1	89.5	89.5	90.0	90.5	90.6	91.0
3	88.6	88.6	89.2	89.6	89.6	90.1	90.6	90.8	91.1
7	89.1	89.1	89.8	90.1	90.1	90.6	91.2	91.3	91.6
8	89.2	89.2	89.9	90.2	90.2	90.8	91.3	91.4	91.7
4	90.0	90.0	90.6	91.0	91.0	91.5	92.0	92.2	92.5
5	90.1	90.1	91.1	91.4	91.4	92.2	92.7	92.8	93.1
5	90.2	90.3	91.7	92.0	92.0	92.9	93.4	93.5	93.9
5	90.3	90.5	92.0	92.5	92.5	93.4	94.0	94.3	95.1
7	90.8	91.0	92.8	93.8	93.8	95.6	96.6	97.5	98.5
8	91.0	91.2	93.0	94.0	94.0	95.8	96.8	98.2	100.0
8	91.0	91.2	93.0	94.0	94.0	95.8	96.8	98.2	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	19.6	21.1	23.4	24.6	25.7	25.7	25.9	26.2	26.7
GE 20000	20.6	22.3	25.1	26.3	27.6	27.6	28.0	28.3	28.7
GE 18000	21.5	23.1	25.9	27.2	28.5	28.5	28.8	29.1	29.5
GE 16000	21.5	23.1	26.0	27.3	28.6	28.6	29.0	29.5	29.9
GE 14000	22.0	23.7	26.8	28.1	29.7	29.7	30.1	30.5	31.0
GE 12000	23.8	25.4	28.6	29.9	31.5	31.5	32.0	32.6	33.0
GE 10000	26.3	28.6	32.2	33.5	35.3	35.3	35.8	36.3	36.9
GE 9000	27.1	28.9	32.5	33.9	35.6	35.6	36.1	36.7	37.2
GE 8000	31.0	33.1	36.7	38.1	40.1	40.1	40.6	41.2	41.7
GE 7000	33.3	35.5	39.0	40.4	42.5	42.5	43.0	43.7	44.2
GE 6000	34.4	36.6	40.1	41.5	43.5	43.5	44.1	44.7	45.3
GE 5000	38.3	41.3	44.9	46.3	48.4	48.4	49.0	49.7	50.2
GE 4500	43.1	45.6	49.4	50.9	53.2	53.2	54.0	54.6	55.2
GE 4000	47.4	50.2	54.5	55.9	58.8	58.9	59.7	60.3	60.9
GE 3500	51.0	53.8	58.2	59.8	62.9	63.0	64.2	64.8	65.4
GE 3000	54.5	57.6	62.4	64.1	67.8	68.0	69.2	70.0	70.5
GE 2500	57.6	61.0	66.1	68.0	71.8	71.9	73.2	74.1	74.6
GE 2000	59.6	62.9	68.4	70.4	74.4	74.5	75.9	76.8	77.3
GE 1800	59.8	63.1	68.6	70.6	74.6	74.7	76.1	77.0	77.5
GE 1500	60.1	63.4	69.2	71.4	75.5	75.6	77.0	78.0	78.6
GE 1200	60.6	64.0	69.9	72.0	76.2	76.3	77.8	79.0	79.7
GE 1000	61.2	64.5	70.5	72.7	77.5	77.7	79.6	81.0	81.6
GE 900	61.2	64.5	70.9	73.0	77.8	78.1	79.9	81.3	81.9
GE 800	61.2	64.5	70.9	73.0	77.8	78.1	79.9	81.3	81.9
GE 700	61.2	64.5	70.9	73.0	78.0	78.2	80.3	81.7	82.4
GE 600	61.3	64.5	71.1	73.3	78.7	78.9	81.1	82.7	83.3
GE 500	61.3	64.5	71.1	73.3	79.0	79.2	81.5	83.1	83.8
GE 400	61.3	64.5	71.2	73.5	79.2	79.6	81.9	83.8	84.4
GE 300	61.3	64.6	71.2	73.5	79.2	79.7	82.0	83.9	84.5
GE 200	61.3	64.6	71.2	73.5	79.5	79.9	82.4	84.3	84.9
GE 100	61.4	64.7	71.4	73.8	79.7	80.1	82.6	84.5	85.2
GE 000	61.4	64.7	71.4	73.8	79.7	80.1	82.6	84.5	85.2

TOTAL NUMBER OF OBSERVATIONS 930

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS: 21-23

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	26.2	26.7	27.7	28.6	28.6	29.6	29.9	30.4	31.7
	28.3	28.7	29.8	30.6	30.6	31.6	31.9	32.5	33.8
	29.1	29.5	30.6	31.6	31.6	32.6	32.9	33.4	34.7
	29.5	29.9	31.1	32.0	32.0	33.1	33.4	34.0	35.3
	30.5	31.0	32.2	33.1	33.1	34.2	34.5	35.1	36.5
	32.6	33.0	34.2	35.5	35.5	36.6	36.9	37.4	38.8
	35.3	35.9	38.2	39.5	39.5	40.5	40.9	41.4	42.8
	36.7	37.2	38.5	39.8	39.8	40.9	41.2	41.7	43.1
	41.2	41.7	43.0	44.3	44.3	45.4	45.8	46.3	47.7
	43.7	44.2	45.5	46.8	46.8	48.0	48.4	48.9	50.3
	44.7	45.3	46.6	47.8	47.8	49.0	49.5	50.0	51.4
	49.7	50.2	51.5	52.8	52.8	54.2	54.7	55.3	56.7
	54.6	55.2	56.5	57.7	57.7	59.1	59.7	60.2	61.6
7	60.3	60.9	62.4	63.8	63.8	65.6	66.1	66.7	68.1
2	64.8	65.4	66.9	68.3	68.3	70.1	70.6	71.2	72.6
2	70.0	70.5	72.3	73.7	73.7	75.5	76.0	76.6	78.1
2	74.1	74.6	76.3	77.7	77.7	79.6	80.1	80.6	82.2
9	76.8	77.3	79.0	80.4	80.4	82.3	82.8	83.3	84.8
1	77.0	77.5	79.2	80.6	80.6	82.5	83.0	83.5	85.1
0	78.0	78.6	80.3	81.7	81.7	83.5	84.1	84.6	86.1
8	79.0	79.7	81.5	82.9	82.9	84.7	85.3	85.8	87.3
6	81.0	81.6	83.5	84.9	84.9	86.8	87.3	87.8	89.4
9	81.3	81.9	83.9	85.3	85.3	87.1	87.6	88.2	89.7
9	81.3	81.9	84.0	85.5	85.5	87.3	88.0	88.5	90.0
3	81.7	82.4	84.4	85.9	85.9	87.7	88.4	88.9	90.4
1	82.7	83.3	85.4	86.9	86.9	88.8	89.5	90.0	91.6
5	83.1	83.8	85.9	87.6	87.6	89.6	90.2	90.8	92.4
9	83.8	84.4	86.7	88.8	88.8	90.8	91.4	91.9	93.5
0	83.9	84.5	87.0	89.1	89.1	91.5	92.2	92.7	94.3
4	84.3	84.9	87.7	89.9	89.9	92.8	93.9	95.3	97.8
6	84.5	85.2	88.0	90.1	90.1	93.2	94.4	96.6	99.6
5	84.5	85.2	88.0	90.1	90.1	93.2	94.4	96.6	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	18.8	19.8	20.9	21.6	22.5	22.7	23.1	23.4	23.5
GE 20000	21.9	23.1	24.3	25.3	26.2	26.4	26.9	27.3	27.4
GE 18000	22.4	23.6	24.9	25.8	26.8	26.9	27.5	27.8	28.0
GE 16000	22.6	23.8	25.1	26.1	27.1	27.3	27.9	28.3	28.4
GE 14000	24.1	25.4	26.8	27.7	28.8	29.0	29.6	30.0	30.1
GE 12000	25.9	27.3	28.9	29.9	31.0	31.2	31.9	32.3	32.4
GE 10000	28.6	30.1	32.0	33.2	34.5	34.7	35.4	35.9	36.0
GE 9000	29.3	30.4	32.4	33.6	34.9	35.1	35.8	36.3	36.4
GE 8000	32.0	33.7	35.8	37.1	38.6	38.9	39.7	40.2	40.3
GE 7000	33.8	35.7	37.8	39.2	40.7	41.0	41.8	42.3	42.5
GE 6000	34.8	36.6	38.8	40.3	41.8	42.1	43.0	43.5	43.6
GE 5000	38.3	40.4	42.8	44.4	46.1	46.4	47.2	47.7	47.9
GE 4500	42.2	44.3	46.7	48.7	50.7	51.0	51.8	52.4	52.5
GE 4000	47.2	49.8	52.7	54.7	57.0	57.3	58.4	58.9	59.1
GE 3500	51.4	54.2	57.4	59.6	62.1	62.4	63.6	64.2	64.3
GE 3000	56.7	59.7	63.3	65.8	68.6	69.0	70.4	71.1	71.3
GE 2500	59.5	62.8	66.6	69.2	72.2	72.6	74.0	74.8	75.0
GE 2000	61.4	64.7	68.8	71.5	74.7	75.1	76.7	77.5	77.7
GE 1800	61.6	65.0	69.1	71.9	75.1	75.5	77.2	78.0	78.2
GE 1500	62.8	66.2	70.4	73.3	76.7	77.1	78.9	79.9	80.1
GE 1200	63.2	66.7	71.0	73.9	77.3	77.8	79.6	80.7	80.9
GE 1000	63.8	67.3	71.6	74.7	78.4	79.0	80.9	82.1	82.4
GE 900	63.9	67.4	71.9	75.0	78.7	79.3	81.3	82.6	82.9
GE 800	64.0	67.5	72.0	75.1	78.9	79.5	81.6	82.9	83.2
GE 700	64.0	67.6	72.1	75.2	79.2	79.7	81.9	83.3	83.6
GE 600	64.1	67.6	72.3	75.4	79.5	80.0	82.3	83.8	84.2
GE 500	64.1	67.6	72.4	75.6	79.8	80.4	82.9	84.5	84.9
GE 400	64.1	67.6	72.4	75.7	80.1	80.7	83.4	85.3	85.7
GE 300	64.1	67.7	72.5	75.7	80.1	80.8	83.7	85.7	86.1
GE 200	64.1	67.7	72.5	75.8	80.3	81.0	84.0	86.0	86.5
GE 100	64.1	67.7	72.5	75.9	80.4	81.1	84.0	86.2	86.6
GE 000	64.1	67.7	72.6	75.9	80.4	81.1	84.1	86.2	86.6

TOTAL NUMBER OF OBSERVATIONS 7440

A

ICY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN HOURS: ALL

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1	23.4	23.5	24.1	24.4	24.5	24.8	25.0	25.2	25.9
9	27.3	27.4	28.1	28.4	28.4	28.8	29.1	29.2	29.9
5	27.8	28.0	28.6	29.0	29.0	29.4	29.5	29.8	30.5
9	28.3	28.4	29.1	29.4	29.4	29.9	30.1	30.3	31.0
5	30.0	30.1	30.8	31.1	31.2	31.6	31.8	32.0	32.7
9	32.3	32.4	33.1	33.5	33.6	34.0	34.2	34.4	35.2
4	35.9	36.0	36.7	37.2	37.2	37.6	37.9	38.1	38.8
8	36.3	36.4	37.2	37.6	37.6	38.1	38.3	38.5	39.2
7	40.2	40.3	41.0	41.5	41.5	41.9	42.2	42.4	43.2
3	42.3	42.5	43.2	43.6	43.7	44.1	44.4	44.6	45.3
0	43.5	43.6	44.3	44.8	44.8	45.3	45.5	45.7	46.5
2	47.7	47.9	48.6	49.0	49.1	49.6	49.9	50.1	50.8
8	52.4	52.5	53.3	53.8	53.8	54.3	54.6	54.9	55.6
4	58.9	59.1	59.9	60.5	60.6	61.2	61.5	61.7	62.4
6	64.2	64.3	65.2	65.8	65.9	66.5	66.8	67.0	67.7
4	71.1	71.3	72.2	72.9	72.9	73.5	73.9	74.1	74.9
0	74.8	75.0	76.0	76.7	76.7	77.3	77.7	77.9	78.7
7	77.5	77.7	78.8	79.5	79.5	80.1	80.5	80.7	81.5
2	78.0	78.2	79.4	80.1	80.1	80.7	81.1	81.3	82.1
9	79.9	80.1	81.3	82.0	82.0	82.6	83.0	83.2	84.0
6	80.7	80.9	82.2	82.9	82.9	83.5	83.9	84.1	84.9
9	82.1	82.4	83.8	84.4	84.5	85.1	85.5	85.7	86.5
3	82.6	82.9	84.2	84.9	84.9	85.6	86.0	86.2	87.0
6	82.9	83.2	84.5	85.3	85.3	85.9	86.4	86.6	87.4
9	83.3	83.6	85.0	85.8	85.8	86.4	86.9	87.1	88.0
3	83.8	84.2	85.6	86.4	86.4	87.1	87.5	87.8	88.6
9	84.5	84.9	86.6	87.5	87.5	88.2	88.7	89.0	89.9
4	85.3	85.7	87.7	88.8	88.9	89.6	90.2	90.5	91.5
7	85.7	86.1	88.4	89.7	89.7	90.8	91.4	91.8	93.5
0	86.0	86.5	89.1	90.6	90.7	92.1	92.9	93.8	96.6
0	86.2	86.6	89.3	90.9	91.0	92.6	93.5	95.0	99.1
1	86.2	86.6	89.3	90.9	91.0	92.6	93.5	95.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	16.7	18.5	20.3	22.4	25.2	25.2	25.8	26.0	26.3
GE 20000	20.0	22.5	24.4	26.5	29.7	29.7	30.3	30.5	30.7
GE 18000	20.1	22.6	24.5	26.6	29.8	29.8	30.4	30.6	30.9
GE 16000	20.1	22.6	24.5	26.6	29.8	29.8	30.4	30.6	30.9
GE 14000	20.8	23.4	25.3	27.4	30.6	30.6	31.2	31.4	31.7
GE 12000	21.0	23.6	25.4	27.6	30.7	30.7	31.3	31.6	31.8
GE 10000	24.0	26.7	28.7	30.9	34.3	34.3	34.9	35.1	35.3
GE 9000	24.5	27.2	29.2	31.3	34.7	34.7	35.3	35.6	35.8
GE 8000	28.2	31.1	33.6	35.7	39.2	39.2	40.0	40.3	40.5
GE 7000	29.9	33.2	35.8	38.0	41.6	41.6	42.4	42.6	42.9
GE 6000	31.3	34.7	37.3	39.6	43.1	43.1	43.9	44.3	44.5
GE 5000	37.3	40.9	43.7	46.4	50.4	50.4	51.2	51.6	51.8
GE 4500	40.5	44.4	48.2	51.5	55.7	55.7	56.5	56.9	57.1
GE 4000	46.3	50.3	54.7	58.2	62.8	62.8	63.6	64.1	64.3
GE 3500	51.2	55.7	60.2	63.8	68.9	68.9	69.7	70.2	70.4
GE 3000	56.1	60.9	65.6	69.3	74.8	74.8	75.6	76.1	76.3
GE 2500	58.8	63.6	68.6	72.4	78.1	78.1	79.0	79.5	79.7
GE 2000	61.7	66.5	72.0	76.1	82.1	82.1	83.2	83.6	83.9
GE 1800	62.0	66.8	72.2	76.4	82.4	82.4	83.5	84.0	84.2
GE 1500	63.4	68.3	74.0	78.3	84.5	84.5	85.5	86.0	86.2
GE 1200	64.0	69.0	74.7	79.0	85.4	85.4	86.5	86.9	87.2
GE 1000	64.7	69.7	75.4	79.7	86.1	86.1	87.2	87.8	88.0
GE 900	64.9	69.8	75.5	79.9	86.3	86.3	87.4	88.0	88.2
GE 800	65.0	70.1	75.7	80.2	86.7	86.7	87.8	88.3	88.6
GE 700	65.0	70.1	75.9	80.3	86.8	86.9	88.1	88.7	88.9
GE 600	65.1	70.2	76.1	80.6	87.0	87.2	88.3	89.3	89.5
GE 500	65.1	70.2	76.1	80.6	87.3	87.4	88.6	89.5	89.8
GE 400	65.1	70.2	76.1	80.7	87.5	87.6	88.8	89.8	90.0
GE 300	65.1	70.2	76.1	80.7	87.5	87.6	88.8	89.8	90.0
GE 200	65.1	70.2	76.1	80.7	87.5	87.6	88.9	89.9	90.2
GE 100	65.1	70.2	76.1	80.7	87.5	87.6	88.9	89.9	90.2
GE 000	65.1	70.2	76.1	80.7	87.5	87.6	88.9	89.9	90.2

TOTAL NUMBER OF OBSERVATIONS 849

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 00-02

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.8	26.0	26.3	27.2	27.9	28.2	28.4	28.5	29.1	29.2
.3	30.5	30.7	31.7	32.4	32.6	32.9	33.0	33.6	33.7
.4	30.6	30.9	31.8	32.5	32.7	33.0	33.1	33.7	33.8
.4	30.6	30.9	31.8	32.5	32.7	33.0	33.1	33.7	33.8
.2	31.4	31.7	32.6	33.3	33.6	33.8	33.9	34.5	34.6
.3	31.6	31.8	32.7	33.5	33.7	33.9	34.0	34.6	34.7
.9	35.1	35.3	36.6	37.3	37.6	37.8	37.9	38.5	38.6
.3	35.6	35.8	37.1	37.8	38.0	38.3	38.4	39.0	39.1
.0	40.3	40.5	41.9	42.8	43.0	43.2	43.3	44.1	44.2
.4	42.6	42.9	44.3	45.1	45.3	45.6	45.7	46.4	46.5
.9	44.3	44.5	45.9	46.9	47.1	47.3	47.5	48.2	48.4
.2	51.6	51.8	53.4	54.3	54.5	54.8	54.9	55.6	55.3
.3	56.9	57.1	58.7	59.6	59.8	60.1	60.2	60.9	61.1
.6	64.1	64.3	66.0	67.0	67.3	67.6	67.7	68.4	68.7
.7	70.2	70.4	72.1	73.3	73.5	74.0	74.1	74.8	75.0
.6	76.1	76.3	78.1	79.3	79.5	80.1	80.2	80.9	81.2
.0	79.5	79.7	81.5	82.7	82.9	83.5	83.6	84.3	84.6
.2	83.6	83.9	85.7	86.9	87.2	87.8	87.9	88.6	88.8
.5	84.0	84.2	86.1	87.4	87.6	88.2	88.3	89.0	89.4
.5	86.0	86.2	88.1	89.4	89.6	90.2	90.3	91.0	91.4
.5	86.9	87.2	89.0	90.3	90.6	91.2	91.3	92.0	92.3
.2	87.8	88.0	89.9	91.2	91.4	92.1	92.2	92.9	93.3
.4	88.0	88.2	90.1	91.5	91.8	92.5	92.6	93.3	93.6
.8	88.3	88.6	90.5	91.9	92.1	92.8	92.9	93.6	94.0
.1	88.7	88.9	90.8	92.2	92.5	93.2	93.3	94.0	94.3
.3	89.3	89.5	91.4	92.8	93.1	93.8	93.9	94.6	94.9
.6	89.5	89.8	91.6	93.1	93.3	94.0	94.1	94.8	95.2
.3	89.8	90.0	91.9	93.4	93.5	94.2	94.3	95.1	95.4
.8	89.8	90.0	91.9	93.4	93.8	94.5	94.8	95.5	95.9
.9	89.9	90.2	92.2	94.1	94.7	95.5	95.9	96.7	97.9
.9	89.9	90.2	92.3	94.2	94.8	95.8	96.1	97.3	99.9
.9	89.9	90.2	92.3	94.2	94.8	95.8	96.1	97.3	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	15.2	17.0	18.5	20.3	21.7	22.0	22.4	22.6	23.0
GE 20000	17.1	19.0	20.6	22.9	24.6	25.1	25.4	25.9	26.3
GE 18000	17.1	19.0	20.6	22.9	24.6	25.1	25.4	25.9	26.3
GE 16000	17.3	19.2	20.8	23.1	24.9	25.3	25.7	26.1	26.5
GE 14000	17.6	19.4	21.1	23.4	25.2	25.7	26.0	26.5	26.9
GE 12000	18.3	20.1	21.8	24.1	25.9	26.4	26.7	27.2	27.6
GE 10000	21.0	23.0	24.6	27.0	28.9	29.3	29.7	30.2	30.5
GE 9000	21.2	23.2	24.9	27.2	29.1	29.5	29.9	30.4	30.7
GE 8000	25.1	27.2	29.0	31.3	33.3	33.8	34.2	34.6	35.0
GE 7000	27.3	29.6	31.3	34.3	36.4	36.9	37.2	37.7	38.0
GE 6000	28.6	30.9	32.6	35.6	37.7	38.2	38.5	39.0	39.3
GE 5000	35.6	38.2	39.9	43.0	45.7	46.2	46.5	47.0	47.3
GE 4500	39.7	42.6	44.5	48.5	51.5	51.9	52.3	52.8	53.1
GE 4000	45.7	49.0	51.6	55.9	59.1	59.6	60.0	60.7	61.0
GE 3500	51.0	54.3	56.9	61.4	64.7	65.1	65.5	66.2	66.5
GE 3000	57.1	60.7	63.8	68.6	72.2	72.7	73.3	74.0	74.3
GE 2500	60.0	63.6	67.1	72.0	75.9	76.3	77.0	77.7	78.1
GE 2000	62.1	65.7	69.6	75.0	79.0	79.5	80.2	80.9	81.3
GE 1800	62.3	66.4	70.3	75.7	79.7	80.2	80.9	81.6	82.0
GE 1500	64.3	68.2	72.4	78.0	82.2	82.7	83.4	84.1	84.5
GE 1200	64.5	68.4	72.7	78.2	82.7	83.2	83.9	84.6	84.9
GE 1000	64.8	68.7	73.0	78.7	83.2	83.6	84.3	85.0	85.4
GE 900	64.8	68.7	73.0	78.7	83.2	83.6	84.3	85.0	85.4
GE 800	65.0	68.9	73.4	79.0	83.5	84.0	84.8	85.5	85.9
GE 700	65.1	69.0	73.5	79.2	84.0	84.5	85.4	86.1	86.5
GE 600	65.3	69.5	74.0	79.6	84.6	85.2	86.0	86.9	87.3
GE 500	65.5	69.7	74.3	80.0	84.9	85.5	86.5	87.4	87.8
GE 400	65.5	69.8	74.4	80.2	85.5	86.1	87.0	88.0	88.3
GE 300	65.6	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.5
GE 200	65.6	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.6
GE 100	65.6	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.6
GE 000	65.6	69.8	74.4	80.2	85.5	86.1	87.2	88.1	88.6

TOTAL NUMBER OF OBSERVATIONS 849

A

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
OM HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 03-05

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	22.6	23.0	23.4	24.0	24.0	24.0	24.1	24.5	25.7
.4	25.9	26.3	26.7	27.3	27.3	27.3	27.4	27.8	29.1
.4	25.9	26.3	26.7	27.3	27.3	27.3	27.4	27.8	29.1
.7	26.1	26.5	27.0	27.6	27.6	27.6	27.7	28.0	29.3
.0	26.5	26.9	27.3	27.9	27.9	27.9	28.0	28.4	29.7
.7	27.2	27.6	28.0	28.6	28.6	28.6	28.7	29.1	30.4
.7	30.2	30.5	31.2	31.8	31.8	31.8	31.9	32.3	33.6
.4	30.4	30.7	31.4	32.0	32.0	32.0	32.2	32.5	33.8
.2	34.6	35.0	35.8	36.4	36.4	36.6	36.7	37.1	38.4
.2	37.7	38.0	38.9	39.5	39.5	39.7	39.8	40.2	41.5
.5	39.0	39.3	40.2	40.8	40.8	41.0	41.2	41.6	42.9
.5	47.0	47.3	48.3	49.0	49.0	49.2	49.5	49.8	51.1
.3	52.8	53.1	54.3	55.0	55.0	55.2	55.5	55.8	57.1
.0	60.7	61.0	62.2	62.9	62.9	63.1	63.4	63.7	65.0
.3	66.2	66.5	67.7	68.4	68.4	68.7	68.9	69.3	70.6
.3	74.0	74.3	75.6	76.4	76.4	76.7	76.9	77.3	78.6
.0	77.7	78.1	79.5	80.3	80.3	80.6	80.8	81.2	82.4
.2	80.9	81.3	82.7	83.5	83.5	83.7	84.0	84.3	85.6
.9	81.6	82.0	83.4	84.2	84.2	84.5	84.7	85.0	86.3
.4	84.1	84.5	85.9	86.7	86.7	86.9	87.2	87.5	88.8
.9	84.6	84.9	86.3	87.2	87.2	87.4	87.6	88.0	89.3
.3	85.0	85.4	86.8	87.6	87.6	87.9	88.1	88.5	89.8
.3	85.0	85.4	86.8	87.6	87.6	87.9	88.1	88.5	89.8
.3	85.5	85.9	87.3	88.1	88.1	88.3	88.6	88.9	90.2
.4	86.1	86.5	87.9	88.7	88.7	88.9	89.2	89.5	90.8
.0	86.9	87.3	88.7	89.5	89.5	89.8	90.0	90.3	91.6
.5	87.4	87.8	89.3	90.2	90.2	90.6	90.8	91.2	92.5
.0	88.2	88.3	89.9	90.8	90.8	91.2	91.4	91.8	93.1
.2	88.1	88.5	90.0	91.0	91.0	91.4	91.6	92.0	93.8
.2	88.1	88.5	90.1	91.3	91.4	92.1	92.5	93.3	95.6
.2	88.1	88.6	90.2	91.4	91.5	92.2	92.7	94.2	98.7
.2	88.1	88.6	90.2	91.4	91.5	92.2	92.7	94.2	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	14.7	16.0	17.3	17.7	18.7	18.7	19.3	20.6	20.6
GE 20000	16.5	18.3	19.7	20.1	21.2	21.2	21.9	23.2	23.2
GE 18000	16.5	18.4	19.8	20.3	21.3	21.3	22.0	23.3	23.3
GE 16000	16.5	18.4	19.8	20.3	21.3	21.3	22.0	23.3	23.3
GE 14000	17.3	19.2	20.6	21.2	22.4	22.4	23.1	24.4	24.4
GE 12000	18.5	20.4	21.8	22.4	23.6	23.6	24.3	25.7	25.7
GE 10000	22.1	24.1	25.7	26.4	27.7	27.7	28.4	29.8	29.8
GE 9000	23.7	25.7	27.3	28.0	29.3	29.3	30.0	31.4	31.4
GE 8000	25.9	28.0	29.7	30.4	31.7	31.7	32.5	34.2	34.2
GE 7000	27.1	29.4	31.2	31.9	33.6	33.6	34.4	36.0	36.0
GE 6000	28.2	30.5	32.4	33.1	34.7	34.7	35.6	37.2	37.2
GE 5000	33.6	36.3	38.3	39.2	41.2	41.2	42.0	43.7	43.7
GE 4500	37.1	40.2	42.3	44.2	46.2	46.2	47.0	48.8	48.8
GE 4000	43.8	46.9	50.1	51.8	54.3	54.3	55.1	57.0	57.0
GE 3500	48.5	51.6	54.9	57.0	59.8	59.8	60.7	62.5	62.5
GE 3000	54.3	57.7	61.7	64.2	67.3	67.3	68.2	70.1	70.1
GE 2500	57.1	60.8	65.0	67.8	71.3	71.3	72.3	74.3	74.4
GE 2000	60.3	64.0	68.2	71.3	74.7	74.7	75.7	77.7	77.9
GE 1800	60.7	64.3	68.7	71.7	75.1	75.1	76.2	78.2	78.3
GE 1500	62.9	66.4	71.1	74.4	78.1	78.1	79.3	81.3	81.4
GE 1200	62.9	66.5	71.5	74.8	78.6	78.7	79.9	82.0	82.1
GE 1000	63.6	67.3	72.3	75.7	79.7	79.9	81.2	83.3	83.4
GE 900	63.6	67.3	72.3	75.7	79.9	80.0	81.3	83.4	83.5
GE 800	63.7	67.4	72.4	76.0	80.1	80.2	81.5	83.6	83.7
GE 700	64.0	67.6	72.7	76.3	80.6	80.7	82.1	84.3	84.5
GE 600	64.4	68.1	73.1	76.8	81.2	81.3	82.7	85.0	85.2
GE 500	64.5	68.2	73.4	77.0	81.4	81.5	83.3	86.0	86.1
GE 400	64.5	68.3	73.5	77.1	81.5	81.6	83.4	86.2	86.5
GE 300	64.5	68.3	73.5	77.3	82.0	82.1	84.0	86.9	87.2
GE 200	64.5	68.3	73.6	77.4	82.2	82.3	84.2	87.3	87.3
GE 100	64.5	68.3	73.6	77.4	82.2	82.3	84.2	87.4	87.9
GE 000	64.5	68.3	73.6	77.4	82.2	82.3	84.2	87.4	87.9

TOTAL NUMBER OF OBSERVATIONS 849

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 06-09

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.3	20.6	20.6	21.0	21.4	21.4	21.7	21.7	21.9	22.3
.9	23.2	23.2	23.8	24.3	24.3	24.5	24.5	25.0	25.3
2.0	23.3	23.3	23.9	24.4	24.4	24.6	24.6	25.1	25.4
2.0	23.3	23.3	23.9	24.4	24.4	24.6	24.6	25.1	25.4
3.1	24.4	24.4	25.0	25.4	25.4	25.7	25.7	26.1	26.5
4.3	25.7	25.7	26.3	26.7	26.7	27.0	27.0	27.4	27.8
3.4	29.8	29.8	30.4	30.9	30.9	31.1	31.1	31.7	32.0
2.2	30.4	30.4	31.0	31.4	31.4	31.7	31.7	32.3	32.6
3.5	34.2	34.2	34.9	35.3	35.3	35.7	35.7	36.3	36.6
4.4	36.0	36.0	36.7	37.2	37.2	37.6	37.6	38.2	38.5
5.6	37.2	37.2	37.9	38.4	38.4	38.8	38.8	39.3	39.7
2.0	43.7	43.7	44.6	45.1	45.1	45.5	45.5	46.1	46.4
7.0	48.8	48.8	49.9	50.5	50.5	50.9	50.9	51.5	51.8
5.1	57.0	57.0	58.2	58.9	58.9	59.2	59.2	59.8	60.2
0.7	62.5	62.5	63.7	64.4	64.4	64.8	64.8	65.4	65.7
3.2	70.1	70.1	71.3	72.0	72.0	72.3	72.3	72.9	73.3
2.3	74.3	74.4	75.6	76.3	76.3	76.7	76.7	77.3	77.6
5.7	77.7	77.8	79.0	79.7	79.7	80.1	80.1	80.7	81.0
5.2	78.2	78.3	79.5	80.2	80.2	80.6	80.6	81.2	81.5
0.3	81.3	81.4	82.6	83.3	83.3	83.6	83.6	84.2	84.5
9.9	82.0	82.1	83.3	84.0	84.0	84.3	84.3	84.9	85.3
.2	83.3	83.4	84.6	85.3	85.3	85.6	85.6	86.2	86.6
.3	83.4	83.5	84.7	85.4	85.4	85.7	85.7	86.3	86.7
.5	83.6	83.7	85.2	85.9	85.9	86.2	86.2	86.8	87.2
2.1	84.3	84.5	86.1	86.8	86.8	87.2	87.3	87.9	88.2
2.7	85.0	85.2	86.8	87.5	87.5	87.9	88.0	88.6	88.9
3.3	86.0	86.1	87.9	88.8	88.8	89.2	89.3	89.9	90.2
4.4	86.2	86.5	88.2	89.3	89.3	89.6	89.8	90.3	90.7
5.0	86.9	87.2	88.9	90.0	90.1	90.5	91.2	92.0	92.3
5.2	87.3	87.8	89.6	90.9	91.0	91.5	92.5	93.8	95.3
5.2	87.4	87.9	89.8	91.2	91.3	91.9	93.2	95.2	99.1
5.2	87.4	87.9	[illegible]	91.2	91.3	91.9	93.2	95.2	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	12.8	13.9	15.2	15.7	16.6	16.7	17.1	17.4	17.4
GE 20000	15.5	16.8	18.4	19.1	20.3	20.5	21.0	21.4	21.6
GE 18000	16.0	17.5	19.1	19.8	21.0	21.2	21.7	22.1	22.3
GE 16000	16.4	17.9	19.4	20.1	21.3	21.6	22.0	22.5	22.6
GE 14000	19.3	21.0	22.6	23.4	24.6	24.9	25.3	25.8	25.9
GE 12000	21.0	22.7	24.5	25.3	26.6	26.9	27.3	27.8	27.9
GE 10000	24.7	26.6	28.6	29.6	31.1	31.3	31.8	32.3	32.5
GE 9000	25.4	28.3	30.3	31.2	32.7	33.0	33.5	33.9	34.2
GE 8000	30.0	32.0	34.3	35.2	36.9	37.2	37.7	38.4	38.6
GE 7000	31.4	33.5	35.8	36.7	38.4	38.8	39.2	39.9	40.2
GE 6000	33.9	36.9	38.3	39.3	41.0	41.3	41.8	42.5	42.8
GE 5000	38.4	40.6	43.5	44.8	46.4	46.8	47.2	47.9	48.2
GE 4500	43.5	45.8	49.1	50.5	52.4	52.8	53.2	54.1	54.4
GE 4000	49.8	52.4	56.3	57.7	59.6	60.0	60.5	61.4	61.7
GE 3500	53.6	56.5	60.8	62.4	64.7	65.0	65.8	66.8	67.1
GE 3000	59.6	62.8	67.3	69.3	71.6	72.0	72.8	74.0	74.3
GE 2500	61.7	65.0	69.8	71.8	74.2	74.7	75.7	77.4	77.7
GE 2000	63.3	67.1	72.2	74.2	77.0	77.5	78.6	80.2	80.6
GE 1800	64.1	67.4	72.4	74.4	77.3	77.7	78.8	80.4	80.8
GE 1500	66.3	69.8	75.3	77.4	80.6	81.0	82.3	84.0	84.3
GE 1200	66.5	70.2	75.6	77.9	81.2	81.6	83.2	84.8	85.2
GE 1000	66.7	71.0	75.8	79.0	82.7	83.2	84.9	86.8	87.2
GE 900	66.8	71.1	76.9	79.3	82.9	83.4	85.2	87.2	87.5
GE 800	66.9	71.3	77.0	79.9	83.5	84.0	85.7	87.8	88.1
GE 700	67.1	71.5	77.3	80.2	84.0	84.5	86.3	88.3	88.7
GE 600	67.1	71.5	77.3	80.2	84.2	84.7	86.6	88.6	88.9
GE 500	67.1	71.5	77.3	80.2	84.2	84.7	86.8	89.2	89.5
GE 400	67.3	71.6	77.4	80.4	84.5	84.9	87.2	89.9	90.3
GE 300	67.3	71.5	77.4	80.4	84.5	84.9	87.3	90.0	90.7
GE 200	67.3	71.6	77.4	80.4	84.5	84.9	87.3	90.1	90.8
GE 100	67.3	71.6	77.4	80.4	84.5	84.9	87.3	90.1	90.9
GE 000	67.3	71.6	77.4	80.4	84.5	84.9	87.3	90.1	90.8

TOTAL NUMBER OF OBSERVATIONS 849

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 09-11

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7.1	17.4	17.4	17.8	17.9	17.9	18.0	18.1	18.1	18.6
1.0	21.4	21.6	22.0	22.1	22.1	22.3	22.4	22.6	23.1
1.7	22.1	22.3	22.7	22.8	22.9	23.0	23.1	23.3	23.8
2.0	22.5	22.5	23.1	23.2	23.2	23.3	23.4	23.7	24.1
5.3	25.8	25.9	26.4	26.5	26.5	26.6	26.7	27.0	27.4
7.3	27.8	27.9	28.4	28.5	28.5	28.6	28.7	29.0	29.4
1.8	32.3	32.5	33.0	33.1	33.1	33.2	33.3	33.6	34.0
3.5	33.9	34.2	34.6	34.7	34.7	34.9	35.0	35.2	35.7
7.7	38.4	38.6	39.1	39.2	39.2	39.3	39.5	39.8	40.4
9.2	39.9	40.2	40.6	40.8	40.8	40.9	41.0	41.3	41.9
1.8	42.5	42.8	43.2	43.3	43.3	43.5	43.6	43.9	44.5
7.2	47.9	48.2	48.6	48.8	48.8	48.9	49.0	49.4	49.9
3.2	54.1	54.4	55.1	55.2	55.2	55.4	55.5	55.8	56.4
0.5	61.4	61.7	62.4	62.5	62.5	62.7	62.8	63.1	63.7
5.8	66.8	67.1	67.8	68.0	68.0	68.1	68.2	68.6	69.1
2.8	74.0	74.3	75.1	75.3	75.3	75.4	75.5	75.9	76.4
5.7	77.4	77.7	78.7	78.8	78.8	78.9	79.0	79.4	80.0
1.6	80.2	80.5	81.5	81.6	81.6	81.7	81.9	82.2	82.8
3.5	80.4	80.8	81.7	81.9	81.9	82.0	82.1	82.4	83.0
2.3	84.0	84.3	85.3	85.5	85.5	85.6	85.7	86.1	86.7
3.2	84.8	85.2	86.1	86.3	86.3	86.5	86.6	86.9	87.5
6.9	86.9	87.2	88.1	88.8	88.8	89.2	89.3	89.6	90.2
1.2	87.2	87.5	88.5	89.2	89.2	89.5	89.6	90.0	90.5
6.7	87.8	88.1	89.0	89.9	89.9	90.3	90.5	90.8	91.4
1.3	88.3	88.7	89.6	90.5	90.5	90.9	91.0	91.4	92.0
6.6	88.6	88.9	89.9	90.7	90.7	91.2	91.3	91.6	92.2
6.8	89.2	89.5	90.9	91.9	91.9	92.3	92.5	92.8	93.4
7.2	89.9	90.3	91.6	92.9	92.9	93.4	93.5	93.9	94.5
7.3	90.0	90.7	92.3	93.9	93.9	94.6	94.8	95.6	96.2
7.3	90.1	90.8	92.7	94.6	94.6	95.4	96.1	97.2	98.2
7.3	90.1	90.8	92.7	94.6	94.6	95.5	96.2	97.9	99.4
7.3	90.1	90.8	92.7	94.6	94.6	95.5	96.2	97.9	100.0

b

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	15.5	16.4	16.7	17.1	17.3	17.4	17.6	17.6	17.7
GE 20000	24.0	25.0	25.8	26.3	26.5	26.6	26.7	26.7	26.9
GE 18000	25.0	26.1	27.0	27.4	27.7	27.8	27.9	27.9	28.0
GE 16000	25.1	26.3	27.1	27.6	27.8	27.9	28.0	28.0	28.2
GE 14000	27.2	28.4	29.2	29.7	29.9	30.0	30.2	30.2	30.3
GE 12000	29.7	30.9	31.8	32.3	32.5	32.6	32.7	32.7	32.9
GE 10000	35.5	36.6	37.6	38.0	38.4	38.5	38.9	38.9	39.0
GE 9000	35.8	37.0	37.9	38.4	38.8	38.9	39.2	39.2	39.3
GE 8000	40.3	41.6	42.5	43.0	43.3	43.5	43.8	43.8	43.9
GE 7000	41.9	43.2	44.3	44.8	45.1	45.2	45.6	45.6	45.7
GE 6000	43.5	44.8	45.8	46.4	46.8	46.9	47.2	47.2	47.3
GE 5000	47.3	48.6	49.7	50.3	50.8	50.9	51.2	51.5	51.6
GE 4500	52.1	53.5	54.7	55.2	55.7	55.8	56.2	56.4	56.7
GE 4000	59.0	61.0	62.4	63.1	63.8	64.0	64.3	64.5	64.8
GE 3500	62.8	64.8	66.5	67.5	68.6	68.8	69.1	69.4	69.6
GE 3000	72.2	74.3	76.7	77.9	79.5	79.7	80.3	80.6	80.8
GE 2500	74.9	77.3	79.9	81.0	82.7	83.0	83.6	83.9	84.1
GE 2000	77.5	80.0	82.8	84.3	86.1	86.5	87.0	87.3	87.5
GE 1800	78.0	80.6	83.5	85.0	86.8	87.2	87.8	88.0	88.2
GE 1500	80.2	83.2	86.6	88.7	90.6	90.9	91.6	91.9	92.1
GE 1200	81.4	84.3	87.8	90.0	92.1	92.5	93.2	93.4	93.6
GE 1000	81.6	84.6	88.1	90.3	92.8	93.2	93.9	94.1	94.3
GE 900	81.6	84.6	88.1	90.3	92.8	93.2	93.9	94.2	94.5
GE 800	81.7	84.7	88.2	90.6	93.1	93.5	94.2	94.6	94.8
GE 700	81.7	84.7	88.3	90.8	93.4	93.9	94.6	94.9	95.2
GE 600	81.7	84.7	88.3	90.9	93.5	94.0	94.9	95.4	95.6
GE 500	82.0	84.9	88.7	91.3	94.0	94.6	95.6	96.6	96.9
GE 400	82.0	84.9	88.7	91.3	94.0	94.6	95.6	96.7	97.3
GE 300	82.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5
GE 200	82.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5
GE 100	82.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5
GE 000	82.0	84.9	88.7	91.3	94.0	94.6	95.8	96.8	97.5

TOTAL NUMBER OF OBSERVATIONS 849

ICY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
)M HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 12-14

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7
7	26.7	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
0	28.0	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
2	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
7	32.7	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
5	45.6	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
2	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
2	51.5	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
2	56.4	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
3	64.5	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
1	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
3	80.6	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0
6	83.9	84.1	84.1	84.3	84.3	84.3	84.3	84.3	84.3
0	87.3	87.5	87.5	87.8	87.8	87.8	87.8	87.8	87.8
3	88.0	88.2	88.2	88.5	88.5	88.5	88.5	88.5	88.5
6	91.9	92.1	92.2	92.5	92.5	92.5	92.5	92.5	92.5
2	93.4	93.6	93.8	94.0	94.0	94.0	94.0	94.0	94.0
9	94.1	94.3	94.5	94.9	94.9	94.9	94.9	94.9	94.9
9	94.2	94.5	94.6	95.1	95.1	95.1	95.1	95.1	95.1
2	94.6	94.8	94.9	95.4	95.4	95.5	95.5	95.5	95.5
6	94.9	95.2	95.4	95.9	95.9	96.0	96.0	96.0	96.0
9	95.4	95.6	95.9	96.3	96.3	96.5	96.5	96.5	9[illegible]
6	96.6	96.9	97.6	98.1	98.1	98.2	98.2	98.2	98.2
6	96.7	97.3	98.6	99.2	99.2	99.3	99.3	99.3	99.3
8	96.8	97.5	98.8	99.6	99.6	99.8	99.8	99.9	99.9
8	96.8	97.5	98.8	99.6	99.6	99.8	99.8	99.9	99.9
8	96.8	97.5	98.8	99.6	99.6	99.9	99.9	100.0	100.0
8	96.8	97.5	98.8	99.6	99.6	99.9	99.9	100.0	100.0

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	21.8	21.9	22.6	22.9	22.9	23.0	23.1	23.2	23.2
GE 20000	29.1	29.3	30.0	30.3	30.3	30.4	30.5	30.6	30.6
GE 18000	29.8	30.0	30.7	31.0	31.0	31.1	31.2	31.3	31.3
GE 16000	29.9	30.2	30.9	31.1	31.1	31.2	31.3	31.4	31.4
GE 14000	32.6	32.9	33.7	33.9	33.9	34.0	34.2	34.3	34.3
GE 12000	36.0	36.3	37.1	37.3	37.3	37.5	37.6	37.7	37.7
GE 10000	40.2	40.4	41.2	41.5	41.5	41.6	41.7	41.8	41.8
GE 9000	40.5	40.8	41.6	41.8	41.8	41.9	42.0	42.2	42.2
GE 8000	44.4	44.6	45.5	45.8	45.8	45.9	46.1	46.2	46.2
GE 7000	46.1	46.3	47.2	47.7	47.7	47.8	47.9	48.1	48.1
GE 6000	48.5	48.8	49.7	50.2	50.2	50.3	50.4	50.5	50.5
GE 5000	53.0	53.2	54.4	55.0	55.1	55.2	55.4	55.5	55.5
GE 4500	57.5	57.7	59.1	59.7	59.8	60.0	60.1	60.2	60.2
GE 4000	63.5	64.0	65.4	66.0	66.2	66.3	66.4	66.8	66.8
GE 3500	70.8	71.4	72.8	73.6	74.0	74.1	74.2	74.6	74.6
GE 3000	77.5	78.2	80.2	81.7	82.4	82.6	82.9	83.4	83.4
GE 2500	81.2	82.1	84.7	86.5	87.4	87.5	88.0	88.5	88.5
GE 2000	84.1	85.2	88.0	90.0	90.9	91.0	91.5	92.0	92.0
GE 1800	84.7	85.9	88.7	90.8	91.8	91.9	92.3	92.8	92.8
GE 1500	86.0	87.3	90.3	92.5	93.9	94.0	94.5	95.3	95.3
GE 1200	86.2	87.5	90.7	92.9	94.3	94.6	95.1	95.9	95.9
GE 1000	86.3	88.3	91.5	93.9	95.4	95.9	96.5	97.3	97.3
GE 900	86.3	88.3	91.6	94.0	95.5	96.0	96.6	97.4	97.4
GE 800	86.8	88.3	91.6	94.0	95.5	96.0	96.7	97.5	97.5
GE 700	86.8	88.3	91.8	94.1	95.6	96.1	96.8	97.6	97.6
GE 600	86.8	88.3	91.8	94.1	95.6	96.2	96.9	97.9	97.9
GE 500	86.8	88.3	91.8	94.1	95.6	96.2	96.9	97.9	97.9
GE 400	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.2	98.2
GE 300	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4
GE 200	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4
GE 100	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4
GE 000	86.8	88.3	91.8	94.1	95.6	96.2	96.9	98.4	98.4

TOTAL NUMBER OF OBSERVATIONS 849

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: FEB HOURS: 15-17

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
3.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
0.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
1.2	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
1.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
4.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
7.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
1.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
2.3	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
5.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
7.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
0.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
5.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
1.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
6.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
4.2	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
2.9	83.4	83.4	83.5	83.5	83.5	83.5	83.5	83.5	83.5
3.0	88.5	88.5	88.5	88.6	88.6	88.6	88.6	88.6	88.6
1.5	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
2.3	92.8	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4.5	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
5.1	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
6.5	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
6.5	97.4	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2
6.7	97.5	97.5	98.2	98.4	98.4	98.4	98.4	98.4	98.4
6.8	97.6	97.6	98.4	98.6	98.6	98.6	98.6	98.6	98.6
6.9	97.9	97.9	98.6	98.8	98.8	98.8	98.8	98.8	98.8
6.9	97.9	97.9	98.7	98.9	98.9	98.9	99.2	99.2	99.2
6.9	98.2	98.2	99.1	99.3	99.3	99.3	99.5	99.5	99.5
6.9	98.4	98.4	99.3	99.6	99.6	99.6	99.9	99.9	99.9
6.9	98.4	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0
6.9	98.4	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0
6.9	98.4	98.4	99.4	99.8	99.8	99.8	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTO.
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	28.5	29.1	29.4	29.7	29.9	29.9	29.9	29.9	29.9
GE 20000	32.0	32.6	33.1	33.5	33.7	33.7	33.7	33.7	33.7
GE 18000	33.0	33.6	34.0	34.4	34.6	34.6	34.6	34.6	34.6
GE 16000	33.0	33.6	34.0	34.4	34.6	34.6	34.6	34.6	34.6
GE 14000	34.9	35.5	35.9	36.3	36.5	36.5	36.5	36.5	36.5
GE 12000	36.7	37.5	38.2	38.5	38.9	38.9	38.9	38.9	38.9
GE 10000	40.9	41.6	42.3	42.6	43.2	43.2	43.2	43.2	43.2
GE 9000	41.1	41.8	42.5	42.9	43.5	43.5	43.5	43.5	43.5
GE 8000	44.9	45.6	46.3	46.6	47.3	47.3	47.3	47.3	47.3
GE 7000	46.5	47.2	48.1	48.4	49.1	49.1	49.1	49.1	49.1
GE 6000	47.9	48.6	49.5	49.8	50.5	50.5	50.5	50.5	50.5
GE 5000	51.0	51.9	52.9	53.2	54.3	54.3	54.3	54.3	54.3
GE 4500	55.5	56.5	57.5	57.8	59.1	59.1	59.1	59.1	59.1
GE 4000	63.4	64.4	65.7	66.1	67.4	67.4	67.4	67.4	67.4
GE 3500	69.7	71.1	72.7	73.4	74.9	74.9	75.0	75.0	75.0
GE 3000	76.8	78.7	81.2	82.6	84.9	84.9	85.2	85.4	85.4
GE 2500	80.0	82.0	84.9	86.3	88.8	88.8	89.0	89.3	89.3
GE 2000	82.4	84.5	87.6	89.0	91.5	91.5	91.8	92.0	92.0
GE 1800	82.7	84.7	87.9	89.3	91.8	91.8	92.0	92.2	92.2
GE 1500	82.9	85.2	88.6	90.1	92.7	92.7	93.1	93.3	93.3
GE 1200	83.5	85.9	89.3	91.0	93.8	93.8	94.1	94.3	94.3
GE 1000	83.9	86.2	89.6	91.5	94.3	94.5	95.2	95.4	95.4
GE 900	83.9	86.2	89.8	91.5	94.6	94.7	95.4	95.9	95.9
GE 800	84.0	86.3	89.9	91.8	94.7	94.8	95.5	96.0	96.0
GE 700	84.0	86.3	89.9	91.8	94.7	94.8	95.8	96.2	96.2
GE 600	84.0	86.3	89.9	91.8	94.7	94.8	95.8	96.2	96.2
GE 500	84.0	86.3	89.9	91.8	94.8	94.9	96.2	96.7	96.7
GE 400	84.0	86.3	89.9	91.8	94.8	94.9	96.2	96.8	96.8
GE 300	84.0	86.3	89.9	91.8	94.8	94.9	96.2	97.1	97.1
GE 200	84.0	86.3	89.9	91.8	95.1	95.2	96.5	97.4	97.4
GE 100	84.0	86.3	89.9	91.8	95.1	95.2	96.5	97.4	97.4
GE 000	84.0	86.3	89.9	91.8	95.1	95.2	96.5	97.4	97.4

TOTAL NUMBER OF OBSERVATIONS 849

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 18-20

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
3.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
4.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
4.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
6.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
8.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
3.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
3.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
7.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
9.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
0.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
4.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
9.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
7.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
5.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
5.2	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
9.0	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
1.8	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1
2.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
3.1	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.4	93.4
4.1	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
5.2	95.4	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
5.4	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
5.5	96.0	96.0	96.1	96.2	96.2	96.2	96.2	96.2	96.2
5.8	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
5.8	96.2	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7
5.2	96.7	96.7	97.2	97.3	97.3	97.3	97.3	97.3	97.3
5.2	96.8	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4
5.2	97.1	97.1	97.6	97.8	97.8	97.8	97.9	97.9	97.9
5.5	97.4	97.4	98.1	98.5	98.5	98.7	99.1	99.2	99.3
5.5	97.4	97.4	98.1	98.5	98.5	98.7	99.1	99.3	99.6
5.5	97.4	97.4	98.1	98.5	98.5	98.7	99.1	99.3	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	23.4	26.3	28.3	29.4	30.4	30.4	31.0	31.4	31.4
GE 20000	26.5	29.7	32.0	33.2	34.6	34.6	35.2	35.7	35.7
GE 18000	26.5	29.9	32.4	33.6	35.0	35.0	35.6	36.0	36.0
GE 16000	26.5	29.9	32.4	33.6	35.0	35.0	35.6	36.0	36.0
GE 14000	27.2	30.5	33.2	34.4	35.8	35.8	36.4	36.9	36.9
GE 12000	28.4	32.0	34.9	36.0	37.6	37.6	38.2	38.6	38.6
GE 10000	31.7	35.5	38.3	39.5	41.1	41.2	41.9	42.5	42.5
GE 9000	32.0	35.9	38.8	39.9	41.6	41.7	42.4	43.0	43.0
GE 8000	35.6	39.6	43.0	44.4	46.1	46.2	47.0	47.6	47.6
GE 7000	38.0	42.4	45.9	47.3	49.1	49.2	50.1	50.6	50.6
GE 6000	39.2	43.6	47.1	48.5	50.3	50.4	51.2	51.8	51.8
GE 5000	43.8	48.2	51.7	53.2	55.5	55.6	56.4	57.0	57.0
GE 4500	47.3	52.3	56.2	57.7	60.1	60.2	61.0	61.6	61.6
GE 4000	53.9	58.7	63.0	64.3	67.5	67.6	68.6	69.1	69.1
GE 3500	59.2	64.3	68.7	70.6	73.5	73.6	74.6	75.1	75.1
GE 3000	64.4	70.1	74.7	76.9	79.9	80.0	80.9	81.5	81.5
GE 2500	68.2	74.2	79.0	81.4	84.6	84.7	85.9	86.5	86.5
GE 2000	70.4	76.6	81.5	84.3	87.5	87.6	88.8	89.4	89.4
GE 1800	71.0	77.1	82.1	84.9	88.1	88.2	89.6	2	90.2
GE 1500	71.8	78.1	83.4	86.5	89.6	89.8	91.2	5	91.8
GE 1200	72.4	78.7	84.0	87.2	90.3	90.5	91.9	9	92.5
GE 1000	72.9	79.2	84.5	87.5	90.9	91.0	92.5	93.4	93.4
GE 900	72.9	79.2	84.5	87.6	91.0	91.2	92.6	93.5	93.6
GE 800	73.1	79.4	84.7	87.9	91.3	91.4	92.8	93.8	93.9
GE 700	73.5	79.7	85.0	88.2	91.6	91.8	93.2	94.3	94.5
GE 600	73.5	79.7	85.3	88.5	91.9	92.0	93.4	94.7	94.8
GE 500	73.5	79.7	85.3	88.5	92.0	92.1	93.6	94.9	95.1
GE 400	73.5	79.7	85.3	88.5	92.1	92.2	93.8	95.1	95.2
GE 300	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.5	95.6
GE 200	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.5	95.8
GE 100	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.6	95.8
GE 000	73.5	79.7	85.4	88.7	92.5	92.7	94.2	95.6	95.8

TOTAL NUMBER OF OBSERVATIONS 849

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ON HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB HOURS: 21-23

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
0	31.4	31.4	31.6	31.6	31.6	31.9	31.9	32.3	32.3
2	35.7	35.7	35.8	35.8	35.8	35.4	36.4	36.7	36.7
5	36.0	36.0	36.2	36.2	36.2	36.7	36.7	37.1	37.1
5	36.0	36.0	36.2	36.2	36.2	36.7	36.7	37.1	37.1
4	36.9	36.9	37.0	37.0	37.0	37.6	37.6	37.9	37.9
_	38.6	38.6	38.8	38.8	38.8	39.3	39.3	39.7	39.7
9	42.5	42.5	42.6	42.6	42.6	43.2	43.2	43.6	43.6
4	43.0	43.0	43.1	43.1	43.1	43.7	43.7	44.1	44.1
0	47.6	47.6	47.7	47.7	47.7	48.3	48.3	48.6	48.6
1	50.6	50.6	50.8	50.8	50.8	51.4	51.4	51.7	51.7
2	51.9	51.9	51.9	51.9	51.9	52.5	52.5	52.9	52.9
4	57.0	57.0	57.1	57.1	57.1	57.7	57.7	58.1	58.1
0	61.6	61.6	61.7	61.7	61.7	62.3	62.3	62.7	62.7
6	69.1	69.1	69.3	69.3	69.3	69.8	69.8	70.2	70.2
6	75.1	75.1	75.3	75.3	75.3	75.9	75.9	76.2	76.2
0	81.5	81.5	81.6	81.6	81.6	82.2	82.2	82.6	82.6
9	86.5	86.5	86.8	86.8	86.8	87.4	87.4	87.8	87.8
8	89.4	89.4	89.8	89.8	89.8	90.3	90.3	90.7	90.7
6	90.2	90.2	90.6	90.6	90.6	91.2	91.2	91.5	91.5
2	91.8	91.8	92.1	92.1	92.1	92.7	92.7	93.1	93.1
9	92.5	92.5	92.8	92.8	92.8	93.4	93.4	93.8	93.8
5	93.4	93.4	93.8	93.8	93.8	94.3	94.3	94.7	94.7
6	93.5	93.6	94.1	94.1	94.1	94.7	94.7	95.1	95.1
8	93.8	93.9	94.3	94.3	94.3	94.9	94.9	95.3	95.3
2	94.3	94.5	94.9	94.9	94.9	95.5	95.5	95.9	95.9
4	94.7	94.8	95.3	95.3	95.3	95.9	95.9	96.2	96.2
6	94.9	95.1	95.5	95.5	95.5	96.1	96.1	96.5	96.5
8	95.1	95.2	95.6	95.6	95.6	96.2	96.2	96.6	96.6
2	95.5	95.6	96.1	96.1	96.1	96.7	96.7	97.1	97.1
2	95.6	95.8	96.3	96.6	96.6	97.2	97.6	98.6	98.6
2	95.6	95.8	96.3	96.6	96.6	97.2	97.8	98.7	100.0
2	95.6	95.8	96.3	96.6	96.6	97.2	97.8	98.7	100.0

OPERATING LOCATION: "AM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	18.6	19.9	21.0	21.9	22.8	22.9	23.3	23.6	23.7
GE 20000	22.5	24.1	25.5	25.5	27.6	27.7	28.1	28.5	28.5
GE 18000	23.2	24.6	26.0	27.0	28.1	28.2	28.6	29.0	29.1
GE 16000	23.1	24.7	26.1	27.1	28.2	28.3	28.7	29.1	29.2
GE 14000	24.6	26.3	27.7	28.7	29.9	30.0	30.4	30.7	30.8
GE 12000	26.2	27.9	29.4	30.4	31.6	31.8	32.1	32.5	32.6
GE 10000	30.0	31.8	33.4	34.4	35.8	35.9	36.3	36.7	36.8
GE 9000	30.6	32.4	33.9	35.0	36.3	36.4	36.9	37.3	37.4
GE 8000	34.3	36.2	38.0	39.1	40.5	40.6	41.1	41.5	41.7
GE 7000	36.0	38.1	40.0	41.2	42.6	42.8	43.2	43.7	43.8
GE 6000	37.6	39.7	41.6	42.8	44.3	44.4	44.9	45.4	45.6
GE 5000	42.6	44.7	46.8	48.1	49.9	50.1	50.6	51.1	51.2
GE 4500	46.7	48.1	51.5	53.2	55.1	55.2	55.7	56.2	56.4
GE 4000	53.2	55.9	58.6	60.5	62.6	62.7	63.2	63.9	64.0
GE 3500	58.4	61.2	64.2	66.2	68.6	68.8	69.3	70.0	70.1
GE 3000	64.3	67.9	71.4	73.8	76.6	76.7	77.4	78.1	78.3
GE 2500	67.7	71.1	74.9	77.4	80.4	80.6	81.3	82.1	82.3
GE 2000	70.3	73.7	77.7	80.5	83.6	83.8	84.6	85.4	85.6
GE 1800	70.7	74.1	78.2	81.1	84.1	84.3	85.1	85.9	86.1
GE 1500	72.2	75.8	80.2	83.2	86.5	86.7	87.6	88.4	88.6
GE 1200	72.7	76.3	80.8	83.9	87.3	87.5	88.4	89.3	89.5
GE 1000	73.1	76.9	81.4	84.6	88.1	88.4	89.4	90.4	90.5
GE 900	73.1	76.9	81.5	84.6	88.3	88.5	89.5	90.6	90.8
GE 800	73.3	77.0	81.6	84.9	88.5	88.8	89.9	90.9	91.1
GE 700	73.4	77.2	81.8	85.1	88.8	89.1	90.3	91.3	91.5
GE 600	73.5	77.3	82.0	85.3	89.1	89.4	90.6	91.8	91.9
GE 500	73.6	77.4	82.1	85.4	89.3	89.6	90.9	92.3	92.5
GE 400	73.6	77.4	82.1	85.5	89.4	89.8	91.1	92.6	92.8
GE 300	73.6	77.4	82.1	85.6	89.5	89.9	91.3	92.8	93.1
GE 200	73.6	77.4	82.2	85.6	89.6	90.0	91.4	92.9	93.3
GE 100	73.6	77.4	82.2	85.6	89.6	90.0	91.4	93.0	93.3
GE 000	73.6	77.4	82.2	85.6	89.6	90.0	91.4	93.0	93.3

TOTAL NUMBER OF OBSERVATIONS 6792

A

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
X34 HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 83
MONTH: FEB HOURS: ALL

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	23.5	23.7	24.0	24.2	24.2	24.4	24.4	24.6	24.9	
.1	28.5	28.5	28.9	29.1	29.2	29.3	29.4	29.6	29.9	
.6	29.8	29.1	29.4	29.7	29.7	29.8	29.9	30.1	30.4	
.7	29.1	29.2	29.5	29.8	29.8	29.9	30.0	30.2	30.5	
.4	30.7	30.8	31.2	31.4	31.4	31.6	31.6	31.9	32.2	
.1	32.5	32.5	33.0	33.2	33.2	33.4	33.4	33.7	33.9	
.3	36.7	36.9	37.2	37.5	37.5	37.6	37.7	38.0	38.2	
.4	37.8	37.9	37.8	38.0	38.0	38.2	38.2	38.5	38.8	
.1	41.5	41.7	42.1	42.4	42.4	42.6	42.6	42.9	43.2	
.2	43.7	43.8	44.3	44.5	44.6	44.7	44.8	45.1	45.4	
.9	45.4	45.5	46.0	46.2	46.2	46.4	46.5	46.8	47.1	
.0	51.1	51.2	51.7	52.0	52.0	52.2	52.2	52.5	52.8	
.2	56.2	56.4	57.0	57.3	57.3	57.5	57.5	57.8	58.1	
.2	63.9	64.0	64.6	64.9	65.0	65.2	65.2	65.5	65.8	
.3	70.0	70.1	70.7	71.1	71.1	71.3	71.4	71.7	72.0	
.4	78.1	78.3	78.9	79.3	79.3	79.6	79.6	79.9	80.2	
.0	82.1	82.3	83.0	83.4	83.4	83.7	83.7	84.0	84.3	
.6	85.4	85.6	86.3	86.7	86.7	87.0	87.0	87.3	87.6	
.1	86.9	87.1	86.9	87.2	87.3	87.5	87.6	87.9	88.2	
.6	88.4	88.6	89.4	89.8	89.8	90.0	90.1	90.4	90.7	
.4	89.3	89.5	90.2	90.6	90.7	90.9	91.0	91.3	91.6	
.4	90.4	90.6	91.4	91.9	91.9	92.1	92.2	92.5	92.9	
.0	90.6	90.8	91.6	92.2	92.2	92.5	92.5	92.8	93.1	
.9	90.9	91.1	91.9	92.5	92.5	92.8	92.9	93.2	93.5	
.3	91.3	91.5	92.5	93.0	93.1	93.4	93.4	93.7	94.1	
.6	91.8	91.9	92.9	93.5	93.5	93.8	93.9	94.2	94.5	
.9	92.3	92.6	93.6	94.2	94.3	94.6	94.7	95.0	95.3	
.1	92.6	92.8	94.0	94.7	94.8	95.1	95.2	95.5	95.8	
.3	92.8	93.1	94.4	95.2	95.2	95.6	95.8	96.2	96.6	
.4	92.9	93.3	94.7	95.7	95.8	96.2	96.7	97.3	98.1	
.4	93.0	93.3	94.7	95.7	95.8	96.4	96.9	97.8	99.6	
1.4	93.0	93.3	94.7	95.7	95.8	96.4	96.9	97.3	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 3	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	33.2	35.3	37.2	38.2	39.7	39.8	40.1	40.1	40.1
GE 20000	35.4	37.4	39.5	40.4	42.0	42.2	42.5	42.5	42.5
GE 18000	35.5	37.5	39.6	40.5	42.2	42.3	42.6	42.6	42.6
GE 16000	35.5	37.5	39.6	40.5	42.2	42.3	42.6	42.6	42.6
GE 14000	36.3	38.4	40.4	41.4	43.0	43.1	43.4	43.4	43.4
GE 12000	37.3	39.5	41.6	42.6	44.2	44.3	44.6	44.6	44.6
GE 10000	41.4	43.6	45.7	46.7	48.3	48.4	48.7	48.7	48.7
GE 9000	41.6	43.8	45.9	46.9	48.5	48.6	48.9	48.9	48.9
GE 8000	46.3	49.0	51.5	52.7	54.5	54.6	54.9	54.9	54.9
GE 7000	48.5	50.8	53.3	54.5	56.3	56.5	56.8	56.8	56.8
GE 6000	49.7	51.9	54.5	55.8	57.6	57.8	58.2	58.3	58.3
GE 5000	54.8	57.2	60.0	61.2	63.0	63.2	63.6	63.7	63.7
GE 4500	55.1	57.5	60.4	61.6	63.4	63.6	63.9	64.0	64.0
GE 4000	68.7	66.0	69.1	70.4	72.5	72.7	73.0	73.1	73.1
GE 3500	70.6	73.4	77.0	78.3	80.4	80.6	81.0	81.1	81.1
GE 3000	75.6	78.4	82.2	83.4	85.6	85.8	86.1	86.2	86.2
GE 2500	76.4	81.7	85.7	87.0	89.1	89.4	89.7	89.8	89.8
GE 2000	80.6	83.8	88.0	89.4	91.7	91.9	92.3	92.4	92.4
GE 1800	81.1	84.4	88.6	90.0	92.5	92.7	93.0	93.1	93.1
GE 1500	82.3	85.7	90.0	91.4	93.9	94.1	94.4	94.5	94.5
GE 1200	83.0	86.6	90.8	92.2	94.6	94.8	95.2	95.3	95.3
GE 1000	83.3	86.8	91.1	92.5	94.9	95.2	95.5	95.6	95.6
GE 900	83.3	86.8	91.1	92.5	94.9	95.2	95.5	95.6	95.6
GE 800	83.3	86.8	91.3	92.7	95.2	95.4	95.7	95.8	95.8
GE 700	83.5	87.0	91.7	93.1	95.6	95.8	96.1	96.2	96.2
GE 600	83.5	87.0	91.8	93.5	96.1	96.3	96.8	97.0	97.0
GE 500	83.5	87.0	91.8	93.5	96.1	96.3	96.8	97.0	97.0
GE 400	83.5	87.0	91.8	93.5	96.1	96.3	96.8	97.0	97.0
GE 300	83.6	87.0	91.8	93.5	96.1	96.3	97.2	97.4	97.4
GE 200	83.7	87.1	92.0	93.8	96.5	96.7	97.5	97.7	97.7
GE 100	83.7	87.1	92.0	93.8	96.5	96.7	97.5	97.7	97.7
GE 000	83.7	87.1	92.0	93.8	96.5	96.7	97.5	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 930

A

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAR HOURS: 00-02

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	40.1	40.1	40.3	40.3	40.3	40.9	40.9	41.0	41.3
.2	42.5	42.5	42.7	42.7	42.7	43.2	43.2	43.3	43.7
.3	42.5	42.5	42.8	42.8	42.8	43.3	43.3	43.4	43.8
.3	42.5	42.5	42.8	42.8	42.8	43.3	43.3	43.4	43.8
.4	43.4	43.4	43.7	43.7	43.7	44.2	44.2	44.3	44.6
.5	44.5	44.5	44.8	44.8	44.8	45.4	45.4	45.5	45.8
.7	48.7	48.7	48.9	48.9	48.9	49.5	49.5	49.6	49.9
.8	49.0	49.0	49.1	49.1	49.1	49.7	49.7	49.8	50.1
.9	54.9	54.9	55.2	55.2	55.2	55.7	55.8	55.9	56.2
.8	56.8	56.8	57.0	57.0	57.0	57.5	57.6	57.7	58.1
.2	58.3	58.3	58.5	58.5	58.5	59.0	59.1	59.2	59.5
.9	58.7	58.7	58.9	58.9	58.9	59.4	59.5	59.6	59.9
.8	58.5	58.5	58.7	58.7	58.7	59.2	59.4	59.5	59.8
.0	73.1	73.1	73.3	73.3	73.3	73.9	74.0	74.1	74.4
.0	81.1	81.1	81.3	81.3	81.3	81.8	81.9	82.0	82.4
.1	86.2	86.2	86.5	86.5	86.5	87.0	87.1	87.2	87.5
.7	89.8	89.8	90.0	90.0	90.0	90.5	90.6	90.8	91.1
.3	92.4	92.4	92.6	92.6	92.6	93.1	93.2	93.3	93.7
.0	93.1	93.1	93.3	93.3	93.3	93.9	94.0	94.1	94.4
.4	94.5	94.5	94.7	94.8	94.8	95.4	95.5	95.6	95.9
.2	95.3	95.3	95.5	95.6	95.6	96.1	96.2	96.3	96.7
.0	95.5	95.5	95.8	95.9	95.9	96.5	96.6	96.7	97.0
.5	95.5	95.5	95.8	95.9	95.9	96.5	96.6	96.7	97.0
.7	95.8	95.8	96.0	96.1	96.1	96.7	96.8	96.9	97.2
.1	96.2	96.2	96.5	96.6	96.6	97.1	97.2	97.3	97.6
.8	97.0	97.0	97.2	97.3	97.3	97.8	98.0	98.1	98.4
.3	97.0	97.0	97.2	97.3	97.3	97.8	98.0	98.1	98.4
.5	97.0	97.0	97.3	97.4	97.4	98.0	98.1	98.2	98.5
7.2	97.4	97.4	98.1	98.2	98.2	98.8	98.9	99.0	99.5
7.6	97.7	97.7	98.4	98.5	98.5	99.1	99.2	99.4	99.9
7.5	97.7	97.7	98.4	98.5	98.5	99.1	99.2	99.5	100.0
7.5	97.7	97.7	98.4	98.5	98.5	99.1	99.2	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	25.9	28.4	31.0	32.3	33.9	34.4	35.3	35.6	35.6
GE 20000	28.4	30.9	33.7	35.1	36.7	37.2	38.1	38.4	38.4
GE 18000	28.4	30.9	33.7	35.1	36.7	37.2	38.1	38.4	38.4
GE 16000	28.4	30.9	33.7	35.1	36.7	37.2	38.1	38.4	38.4
GE 14000	29.1	31.6	34.4	35.8	37.4	38.0	38.8	39.1	39.1
GE 12000	30.0	32.6	35.4	36.8	38.4	38.9	39.8	40.1	40.1
GE 10000	32.6	35.3	38.1	39.6	41.2	41.7	42.6	42.9	42.9
GE 9000	32.7	35.4	38.3	39.8	41.4	41.9	42.8	43.1	43.1
GE 8000	36.6	39.6	42.5	44.1	45.9	46.5	47.3	47.6	47.6
GE 7000	38.0	41.1	44.0	45.6	47.4	48.0	48.8	49.1	49.1
GE 6000	38.4	41.9	44.8	46.5	48.3	48.8	49.7	50.0	50.0
GE 5000	41.9	45.1	48.1	49.7	51.5	52.0	52.9	53.2	53.2
GE 4500	48.7	52.4	55.4	57.1	58.9	59.5	61.3	60.6	60.6
GE 4000	54.5	58.6	61.8	63.5	65.6	66.1	67.3	67.6	67.6
GE 3500	60.1	64.3	67.6	69.4	71.5	72.0	73.4	73.8	73.8
GE 3000	64.6	68.8	72.3	74.1	76.6	77.1	78.5	78.8	78.8
GE 2500	68.5	73.0	76.5	78.4	81.2	81.7	83.1	83.4	83.4
GE 2000	72.3	76.8	80.2	82.2	85.3	85.8	87.2	87.5	87.5
GE 1800	72.9	77.4	80.9	82.8	85.9	86.5	87.8	88.2	88.2
GE 1500	74.1	78.9	82.4	84.3	87.5	88.1	89.5	89.8	89.8
GE 1200	74.7	79.6	83.1	85.1	88.4	88.9	90.3	90.6	90.6
GE 1000	75.6	80.5	84.2	86.1	89.6	90.1	91.7	92.2	92.2
GE 900	75.7	80.6	84.4	86.3	89.8	90.3	91.9	92.4	92.4
GE 800	75.7	80.6	84.5	86.5	89.9	90.4	92.0	92.5	92.5
GE 700	76.0	81.0	84.9	86.9	90.3	90.8	92.5	92.9	92.9
GE 600	76.0	81.2	85.2	87.2	91.0	91.5	93.1	93.8	93.8
GE 500	76.2	81.5	85.6	87.6	91.4	91.9	93.5	94.2	94.2
GE 400	76.2	81.5	85.6	87.7	91.5	92.2	93.8	94.4	94.4
GE 300	76.2	81.5	85.6	87.7	91.5	92.2	93.9	94.9	94.9
GE 200	76.2	81.5	85.7	88.0	91.8	92.5	94.2	95.4	95.4
GE 100	76.2	81.5	85.7	88.0	91.9	92.6	94.3	95.5	95.5
GE 000	76.2	81.5	85.7	88.0	91.9	92.6	94.3	95.5	95.5

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR HOURS: 03-05

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	35.6	35.6	35.9	36.5	36.6	36.7	36.9	37.0	37.1	
.1	38.4	38.4	38.7	39.2	39.4	39.5	39.7	39.8	39.9	
.1	38.4	38.4	38.7	39.2	39.4	39.5	39.7	39.8	39.9	
.1	38.4	38.4	38.7	39.2	39.4	39.5	39.7	39.8	39.9	
.3	39.1	39.1	39.5	40.0	40.1	40.2	40.4	40.5	40.6	
.7	40.1	40.1	40.4	41.0	41.1	41.2	41.4	41.5	41.6	
.5	42.9	42.9	43.2	43.8	43.9	44.0	44.2	44.3	44.4	
.3	43.1	43.1	43.4	44.0	44.1	44.2	44.4	44.5	44.5	
.3	47.6	47.6	48.0	48.5	48.6	48.7	48.9	49.0	49.1	
.3	49.1	49.1	49.5	50.1	50.2	50.3	50.5	50.6	50.8	
.7	50.0	50.0	50.3	51.0	51.1	51.2	51.4	51.5	51.6	
.9	53.2	53.2	53.5	54.2	54.3	54.4	54.6	54.7	54.8	
.3	60.6	60.6	61.0	61.6	61.7	61.8	62.0	62.2	62.3	
.3	67.5	67.5	68.0	68.6	68.7	68.8	69.0	69.1	69.2	
.4	73.8	73.8	74.1	74.7	74.8	74.9	75.2	75.3	75.4	
.5	78.8	78.8	79.1	79.8	79.9	80.0	80.2	80.3	80.4	
3.1	83.4	83.4	83.8	84.4	84.5	84.6	84.8	84.9	85.1	
7.2	87.5	87.5	88.0	88.6	88.7	88.9	89.1	89.2	89.4	
7.5	88.2	88.2	88.6	89.2	89.4	89.6	89.8	89.9	90.0	
9.6	89.8	89.8	90.2	90.9	91.0	91.2	91.4	91.5	91.6	
0.3	90.3	90.8	91.2	91.8	91.9	92.2	92.4	92.5	92.6	
1.7	92.2	92.2	92.6	93.2	93.3	93.5	93.8	93.9	94.0	
1.9	92.4	92.4	92.8	93.4	93.5	93.8	94.0	94.1	94.2	
2.0	92.5	92.5	92.9	93.5	93.7	93.9	94.1	94.2	94.3	
2.5	92.9	92.9	93.3	94.2	94.3	94.5	94.7	94.8	94.9	
3.1	93.8	93.8	94.2	95.1	95.2	95.4	95.6	95.7	95.8	
3.5	94.2	94.2	94.6	95.5	95.6	95.8	96.0	96.1	96.2	
3.8	94.4	94.4	94.9	95.7	95.8	96.0	96.2	96.3	96.5	
3.9	94.9	94.9	95.5	96.5	96.6	96.8	97.0	97.1	97.5	
4.2	95.4	95.4	96.0	97.1	97.2	97.4	98.0	98.4	99.4	
4.3	95.5	95.5	96.3	97.4	97.5	97.7	98.3	98.8	99.9	
4.3	95.5	95.5	96.3	97.4	97.5	97.7	98.3	98.8	100.0	

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OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	20.6	22.8	24.7	25.8	27.2	27.4	28.2	28.8	28.9
GE 20000	23.0	25.2	27.6	28.8	30.2	30.5	31.5	32.2	32.3
GE 18000	23.1	25.3	27.7	28.9	30.3	30.6	31.6	32.3	32.4
GE 16000	23.1	25.3	27.7	28.9	30.3	30.6	31.6	32.3	32.4
GE 14000	23.9	26.0	28.5	29.7	31.2	31.5	32.5	33.2	33.3
GE 12000	25.2	27.3	29.9	31.2	32.7	33.0	34.0	34.7	34.8
GE 10000	27.1	29.5	32.0	33.3	34.8	35.2	36.1	36.9	37.0
GE 9000	27.3	29.7	32.3	33.6	35.1	35.4	36.3	37.1	37.2
GE 8000	30.4	32.8	35.9	37.2	38.7	39.0	40.0	40.8	40.9
GE 7000	32.4	34.8	38.1	39.4	40.9	41.2	42.2	42.9	43.0
GE 6000	33.9	36.3	39.6	40.9	42.4	42.7	43.7	44.4	44.5
GE 5000	37.8	40.4	43.8	45.1	46.6	46.9	47.8	48.6	48.7
GE 4500	42.7	45.5	49.1	50.5	52.2	52.5	53.6	54.2	54.3
GE 4000	52.4	55.8	59.5	61.1	63.0	63.3	64.3	65.1	65.2
GE 3500	56.1	59.6	63.3	64.9	66.9	67.2	68.2	69.0	69.1
GE 3000	61.3	65.1	69.6	71.3	73.3	73.7	74.6	75.5	75.6
GE 2500	65.9	69.7	74.4	76.2	78.3	78.6	79.6	80.5	80.6
GE 2000	68.2	73.1	78.0	79.9	82.0	82.5	83.4	84.4	84.5
GE 1800	70.2	74.1	78.9	81.0	83.2	83.7	84.6	85.6	85.7
GE 1500	72.2	76.2	81.1	83.2	85.5	85.9	86.9	87.8	88.0
GE 1200	72.9	77.1	82.0	84.2	86.5	86.9	87.8	88.8	88.9
GE 1000	73.3	77.7	82.7	85.1	87.4	87.8	88.8	89.8	89.9
GE 900	73.5	78.0	82.9	85.3	87.6	88.1	89.0	90.0	90.1
GE 800	73.8	78.2	83.2	85.6	88.0	88.4	89.4	90.3	90.4
GE 700	74.0	78.4	83.4	85.8	88.3	88.7	89.7	90.8	90.9
GE 600	74.1	78.7	83.8	86.1	88.6	89.1	90.2	91.4	91.5
GE 500	74.2	78.8	83.9	86.2	88.8	89.5	90.5	91.7	91.8
GE 400	74.3	78.9	84.1	86.6	89.1	89.9	91.2	92.7	92.8
GE 300	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.1
GE 200	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.2
GE 100	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.2
GE 000	74.3	78.9	84.1	86.6	89.4	90.1	91.5	93.0	93.2

TOTAL NUMBER OF OBSERVATIONS 930

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 86
MONTH: MAR HOURS: 06-08

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
28.2	28.8	28.9	28.9	29.0	29.0	29.2	29.4	29.5	29.9
31.5	32.2	32.3	32.3	32.5	32.5	32.7	32.8	32.9	33.3
31.6	32.3	32.4	32.4	32.7	32.7	32.9	33.0	33.1	33.5
31.5	32.3	32.4	32.4	32.7	32.7	32.9	33.0	33.1	33.5
32.5	33.2	33.3	33.3	33.8	33.8	34.0	34.1	34.3	34.7
34.0	34.7	34.8	34.8	35.3	35.3	35.5	35.6	35.8	36.2
36.1	36.9	37.0	37.0	37.4	37.4	37.6	37.7	38.0	38.4
36.3	37.1	37.2	37.2	37.6	37.6	37.8	38.0	38.2	38.6
40.0	40.8	40.9	41.0	41.4	41.4	41.6	41.7	41.9	42.4
42.2	42.9	43.0	43.1	43.5	43.5	43.8	43.9	44.1	44.5
43.7	44.4	44.5	44.6	45.1	45.1	45.3	45.4	45.6	46.0
47.3	48.6	48.7	48.8	49.2	49.2	49.5	49.6	49.8	50.2
54.1	54.2	54.3	54.4	54.8	54.8	55.1	55.2	55.4	55.8
64.3	65.1	65.2	65.3	65.7	65.7	65.9	66.0	66.2	66.7
69.2	69.0	69.1	69.2	69.7	69.7	69.9	70.0	70.2	70.6
74.6	75.5	75.6	75.7	76.1	76.1	76.3	76.5	76.8	77.2
77.6	80.5	80.5	80.8	81.3	81.3	81.5	81.6	81.9	82.4
83.4	84.4	84.5	84.6	85.2	85.2	85.4	85.5	85.8	86.2
84.6	85.6	85.7	85.8	86.3	86.3	86.6	86.7	87.0	87.4
86.9	87.8	88.0	88.1	88.6	88.6	88.8	88.9	89.2	89.7
87.8	88.8	88.9	89.0	89.5	89.6	89.8	89.9	90.2	90.6
88.8	89.8	89.9	90.0	0.5	90.5	90.8	90.9	91.2	91.6
90.0	90.0	90.1	90.2	.8	90.8	91.0	91.1	91.4	91.8
89.4	90.3	90.4	90.5	.1	91.1	91.3	91.4	91.7	92.2
89.7	90.8	90.9	91.0	91.5	91.5	91.7	91.8	92.2	92.6
90.2	91.4	91.5	91.6	92.2	92.2	92.4	92.5	92.8	93.2
91.5	91.7	91.8	91.9	92.5	92.5	92.7	92.8	93.1	93.5
92.2	92.7	92.8	93.0	93.7	93.7	94.0	94.1	94.4	94.9
93.5	93.0	93.1	93.4	94.2	94.2	94.6	94.7	95.1	96.0
93.5	93.0	93.2	93.5	94.4	94.4	95.2	95.4	95.9	98.3
93.5	93.0	93.2	93.5	94.5	94.5	95.4	95.9	96.6	99.7
93.5	93.0	93.2	93.5	94.5	94.5	95.4	95.9	96.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LSI ID UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	25.3	25.9	26.6	27.2	28.0	28.1	28.2	28.2	28.2
GE 20000	29.4	30.0	30.9	31.6	32.5	32.6	32.7	32.7	32.7
GE 18000	29.5	30.1	31.0	31.7	32.6	32.7	32.8	32.8	32.8
GE 16000	29.8	30.4	31.3	32.0	32.9	33.0	33.1	33.1	33.1
GE 14000	31.0	31.6	32.7	33.4	34.5	34.6	34.7	34.8	34.8
GE 12000	32.4	33.1	34.2	34.9	36.0	36.1	36.2	36.3	36.3
GE 10000	34.8	35.5	36.7	37.5	38.6	38.7	38.8	38.9	38.9
GE 9000	34.9	35.7	36.8	37.6	38.8	38.9	39.0	39.1	39.1
GE 8000	39.4	40.1	41.2	42.0	43.3	43.4	43.5	43.7	43.7
GE 7000	41.1	41.8	43.0	43.9	45.2	45.3	45.4	45.5	45.5
GE 6000	43.0	43.8	44.9	45.8	47.1	47.2	47.3	47.4	47.4
GE 5000	46.2	47.0	48.3	49.2	50.8	51.0	51.1	51.2	51.2
GE 4500	49.1	50.5	51.8	52.8	54.3	54.5	54.6	54.7	54.7
GE 4000	57.2	58.5	59.9	60.9	62.4	62.7	62.8	62.9	62.9
GE 3500	62.2	63.8	65.3	66.6	68.2	68.6	68.7	68.8	68.8
GE 3000	69.5	71.2	73.9	75.2	77.2	77.6	77.7	77.8	77.8
GE 2500	73.4	75.4	78.4	79.7	81.9	82.4	82.5	82.6	82.6
GE 2000	76.3	78.2	82.4	83.7	85.9	86.5	86.7	86.8	86.8
GE 1800	77.6	79.9	83.2	84.6	86.9	87.5	87.6	87.7	87.7
GE 1500	79.6	82.0	85.5	87.0	89.5	90.1	90.2	90.3	90.3
GE 1200	80.4	83.0	86.7	88.2	90.8	91.4	91.5	91.6	91.6
GE 1000	81.9	84.5	88.5	90.1	93.1	94.0	94.1	94.4	94.4
GE 900	82.0	84.6	88.6	90.2	93.2	94.1	94.2	94.5	94.5
GE 800	82.3	84.9	89.0	90.6	93.7	94.6	94.7	95.1	95.1
GE 700	82.3	84.9	89.1	90.8	93.8	94.7	94.8	95.2	95.2
GE 600	82.3	84.9	89.1	90.8	93.9	94.9	95.1	95.6	95.6
GE 500	82.3	84.9	89.2	90.9	94.0	95.3	95.7	96.3	96.3
GE 400	82.3	84.9	89.2	90.9	94.0	95.3	95.7	96.5	96.5
GE 300	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7
GE 200	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7
GE 100	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7
GE 000	82.3	84.9	89.2	90.9	94.0	95.4	95.8	96.6	96.7

TOTAL NUMBER OF OBSERVATIONS 930

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAR HOURS: 09-11

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
28.2	28.2	28.2	28.2	28.2	28.2	28.4	28.4	28.4	28.5
32.7	32.7	32.7	32.7	32.7	32.7	32.9	32.9	32.9	33.0
32.8	32.8	32.8	32.8	32.8	32.8	33.0	33.0	33.0	33.1
33.1	33.1	33.1	33.1	33.1	33.1	33.3	33.3	33.3	33.4
34.7	34.8	34.8	34.8	34.8	34.8	35.1	35.1	35.1	35.2
36.2	36.3	36.3	36.5	36.5	36.6	36.8	36.8	36.8	36.9
38.9	38.9	38.9	39.1	39.1	39.1	39.4	39.5	39.5	39.6
39.0	39.1	39.1	39.4	39.4	39.4	39.6	39.7	39.7	39.8
43.6	43.7	43.7	43.9	43.9	43.9	44.1	44.2	44.2	44.3
45.4	45.5	45.5	45.7	45.7	45.7	45.9	46.0	46.0	46.1
47.3	47.4	47.4	47.5	47.5	47.6	47.8	48.0	48.0	48.1
51.1	51.2	51.2	51.4	51.4	51.4	51.6	51.7	51.7	51.8
54.6	54.7	54.7	54.9	54.9	54.9	55.2	55.3	55.3	55.4
62.8	62.9	62.9	63.1	63.2	63.2	63.4	63.5	63.5	63.7
68.7	68.8	68.8	69.0	69.1	69.1	69.4	69.5	69.5	69.6
77.7	77.8	77.8	78.1	78.2	78.2	78.4	78.5	78.5	78.6
82.6	82.6	82.6	82.8	82.9	82.9	83.1	83.2	83.2	83.3
86.7	86.8	86.8	87.0	87.1	87.1	87.3	87.4	87.4	87.5
87.6	87.7	87.7	88.0	88.1	88.1	88.3	88.4	88.4	88.5
90.2	90.3	90.3	90.5	90.6	90.6	90.9	91.0	91.0	91.1
91.5	91.6	91.6	91.8	91.9	91.9	92.2	92.3	92.3	92.4
94.1	94.4	94.4	94.7	94.8	94.8	95.1	95.2	95.2	95.3
94.2	94.5	94.5	94.8	94.9	94.9	95.2	95.3	95.3	95.4
94.7	95.1	95.1	95.4	95.5	95.5	95.7	95.8	95.8	95.9
94.8	95.2	95.2	95.5	95.6	95.6	95.8	95.9	95.9	96.0
95.1	95.6	95.6	95.9	96.0	96.0	96.2	96.3	96.3	96.5
96.7	96.3	96.3	96.8	97.0	97.0	97.2	97.3	97.3	97.5
96.7	96.5	96.5	97.0	97.2	97.2	97.4	97.5	97.5	97.7
96.8	96.6	96.7	97.3	97.5	97.6	98.0	98.1	98.1	98.5
96.8	96.6	96.7	97.5	98.0	98.1	98.5	98.8	98.9	99.6
96.8	96.6	96.7	97.5	98.0	98.1	98.5	98.8	99.1	100.0
96.8	96.6	96.7	97.5	98.0	98.1	98.5	98.8	99.1	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 20000	35.1	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 18000	35.4	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 16000	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8
GE 14000	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 12000	37.7	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 10000	39.8	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 9000	40.1	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3
GE 8000	44.0	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 7000	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 6000	47.3	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 5000	51.5	51.6	52.3	52.4	52.5	52.5	52.5	52.5	52.5
GE 4500	55.1	55.7	56.1	56.3	56.5	56.5	56.5	56.5	56.5
GE 4000	61.7	62.4	62.8	63.0	63.2	63.2	63.2	63.2	63.2
GE 3500	71.9	72.6	73.3	73.7	73.9	73.9	73.9	73.9	73.9
GE 3000	81.5	82.5	83.7	84.2	84.6	84.6	84.7	84.7	84.7
GE 2500	84.2	85.3	86.9	87.4	88.1	88.1	88.2	88.2	88.2
GE 2000	88.7	89.9	91.3	92.5	93.1	93.1	93.2	93.2	93.2
GE 1800	89.2	90.4	92.5	93.1	93.8	93.8	93.9	93.9	93.9
GE 1500	90.3	92.2	94.3	95.1	95.7	95.8	96.0	96.0	96.0
GE 1200	92.2	93.5	95.7	96.6	97.2	97.3	97.5	97.5	97.5
GE 1000	92.8	94.2	96.3	97.3	98.3	98.4	99.0	99.0	99.0
GE 900	92.8	94.2	96.3	97.3	98.3	98.5	99.1	99.1	99.1
GE 800	92.8	94.2	96.5	97.4	98.4	98.6	99.2	99.2	99.2
GE 700	92.8	94.3	96.6	97.5	98.5	98.7	99.4	99.4	99.4
GE 600	92.9	94.3	96.6	97.5	98.5	98.7	99.4	99.4	99.4
GE 500	93.0	94.4	96.7	97.6	98.8	99.0	99.8	99.9	99.9
GE 400	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 300	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 200	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 100	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0
GE 000	93.0	94.4	96.7	97.6	98.8	99.0	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ASH HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAR HOURS: 12-14

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	
.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	
.8	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	
.3	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	
.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	
.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	
.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	
.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	
.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	
.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	
.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	
.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	
.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	
.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	
.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	
.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	
.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE O
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: + 8 — MO

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	
GE 20000	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	
GE 18000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	
GE 16000	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	
GE 14000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	
GE 12000	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	
GE 10000	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	
GE 9000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	
GE 8000	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	
GE 7000	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	
GE 6000	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	
GE 5000	59.7	60.1	60.1	60.2	60.2	60.2	60.2	60.2	60.2	
GE 4500	63.0	63.4	63.4	63.5	63.5	63.5	63.5	63.5	63.5	
GE 4000	68.9	69.5	69.5	69.7	69.7	69.7	69.7	69.7	69.7	
GE 3500	78.1	78.8	79.0	79.2	79.4	79.4	79.4	79.4	79.4	
GE 3000	86.7	87.8	88.2	88.4	88.5	88.5	88.5	88.5	88.5	
GE 2500	89.8	91.1	91.5	92.0	92.2	92.2	92.3	92.3	92.3	
GE 2000	92.0	93.3	94.0	94.5	94.7	94.7	94.8	94.8	94.8	
GE 1800	92.3	93.8	94.4	94.9	95.3	95.3	95.4	95.4	95.4	
GE 1500	93.1	94.6	95.4	96.1	96.7	96.8	96.9	96.9	96.9	
GE 1200	93.9	95.4	96.1	97.2	97.7	97.8	98.0	98.0	98.0	
GE 1000	93.9	95.4	96.1	97.2	98.1	98.2	98.6	98.8	98.8	
GE 900	94.0	95.5	96.3	97.4	98.3	98.4	98.8	99.1	99.1	
GE 800	94.0	95.5	96.3	97.4	98.3	98.4	98.8	99.1	99.1	
GE 700	94.0	95.5	96.3	97.4	98.4	98.5	98.9	99.2	99.2	
GE 600	94.0	95.5	96.3	97.4	98.4	98.5	98.9	99.2	99.2	
GE 500	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6	
GE 400	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6	
GE 300	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6	
GE 200	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6	
GE 100	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6	
GE 000	94.0	95.5	96.3	97.4	98.5	98.6	99.0	99.6	99.6	

TOTAL NUMBER OF OBSERVATIONS 930

A

0 - 2 - 24

...CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...M HOURLY OBSERVATIONS

...ATION PERIOD OF RECORD: JUN 73 - MAY 84
MONTH: MAR HOURS: 15-17

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
...9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
...7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
...7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
...0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
...6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6	41.6
...9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9	44.9
...1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
...4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
...5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
...6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
...2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
...3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
...7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
...4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
...5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
...3	92.3	92.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5
...3	94.3	94.3	95.1	95.1	95.1	95.1	95.1	95.1	95.1
...4	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
...9	96.9	96.9	97.2	97.2	97.2	97.2	97.2	97.2	97.2
...3	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
...5	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
...3	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
...8	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
...9	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6	99.6
...9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
...0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
...0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
...0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
...0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
...0	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERV

STATION NUMBER: 727930 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	35.2	34.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 18000	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 16000	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 12000	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 10000	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 9000	50.9	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 8000	55.6	55.7	55.7	55.8	55.8	55.8	55.8	55.8	55.8
GE 7000	58.0	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2
GE 6000	60.3	60.4	60.4	60.5	60.5	60.5	60.5	60.5	60.5
GE 5000	65.1	65.6	65.6	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	67.7	67.8	67.4	67.5	67.5	67.5	67.5	67.5	67.5
GE 4000	74.8	75.1	75.1	75.2	75.3	75.3	75.3	75.3	75.3
GE 3500	81.7	82.6	82.7	82.8	83.0	83.0	83.0	83.0	83.0
GE 3000	86.5	87.5	88.0	88.7	89.0	89.0	89.0	89.0	89.0
GE 2500	89.7	90.4	91.3	92.4	92.9	93.0	93.1	93.1	93.1
GE 2000	91.5	92.7	93.1	94.8	95.4	95.5	95.5	95.6	95.6
GE 1800	91.9	93.4	94.3	95.4	95.9	96.0	96.1	96.1	96.1
GE 1500	92.9	94.7	95.9	97.0	97.8	98.0	98.1	98.1	98.1
GE 1200	93.0	94.8	96.1	97.3	98.3	98.4	98.5	98.5	98.5
GE 1000	93.1	94.9	96.5	97.6	98.7	98.8	98.9	99.0	99.0
GE 900	93.1	94.9	96.5	97.6	98.7	98.8	98.9	99.0	99.0
GE 800	93.1	94.9	96.5	97.6	98.7	98.8	98.9	99.0	99.0
GE 700	93.1	95.1	96.6	97.7	98.9	99.0	99.2	99.4	99.4
GE 600	93.1	95.1	96.6	97.7	98.9	99.0	99.2	99.4	99.4
GE 500	93.1	95.1	96.6	97.7	98.9	99.0	99.2	99.5	99.5
GE 400	93.1	95.1	96.6	97.7	98.9	99.0	99.2	99.5	99.5
GE 300	93.1	95.1	96.6	97.7	98.9	99.1	99.5	99.7	99.7
GE 200	93.1	95.1	96.6	97.7	98.9	99.1	99.5	99.7	99.7
GE 100	93.1	95.1	96.6	97.7	98.9	99.1	99.5	99.7	99.7
GE 000	93.1	95.1	96.6	97.7	98.9	99.1	99.5	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
X-M HOURLY OBSERVATIONS

STATION PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: MAR HOURS: 18-20

IN STATUTE MILES

	0	1/16	1/8	1/4	1/2	3/4	1	1 1/4	1 1/2	2
.3	36.3	36.3	36.3	36.3	36.3	36.3	36.3	36.	36.3	
.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	
.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	
.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	
.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	
.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	
.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	
.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	
.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	
.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	
.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	
.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	
.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	
.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	
.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	
.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	
.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	
.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.2	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.5	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV.

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	40.9	41.6	41.9	42.3	42.4	42.4	42.5	42.5	42.5
GE 20000	42.7	43.3	43.8	44.1	44.2	44.2	44.3	44.3	44.3
GE 18000	43.7	44.3	44.7	45.1	45.2	45.2	45.3	45.3	45.3
GE 16000	43.7	44.3	44.7	45.1	45.2	45.2	45.3	45.3	45.3
GE 14000	44.5	45.3	45.7	46.0	46.1	46.1	46.2	46.2	46.2
GE 12000	46.2	46.5	46.9	47.2	47.3	47.3	47.4	47.4	47.4
GE 10000	50.4	51.1	51.5	51.8	51.9	51.9	52.0	52.0	52.0
GE 9000	51.1	51.7	52.2	52.5	52.6	52.6	52.7	52.7	52.7
GE 8000	57.1	57.8	58.3	58.6	58.7	58.8	59.0	59.0	59.0
GE 7000	59.3	60.5	61.2	61.5	61.7	61.7	61.9	61.9	61.9
GE 6000	62.0	62.7	63.4	63.8	64.0	64.0	64.2	64.2	64.2
GE 5000	66.2	67.0	67.6	68.0	68.2	68.2	68.4	68.4	68.4
GE 4500	69.5	70.3	71.0	71.3	71.5	71.5	71.7	71.7	71.7
GE 4000	74.1	75.1	75.7	76.0	76.2	76.2	76.5	76.5	76.5
GE 3500	81.2	82.2	82.9	83.2	83.4	83.4	83.7	83.7	83.7
GE 3000	86.1	87.3	88.5	89.2	89.6	89.6	89.8	89.8	89.8
GE 2500	88.5	89.9	91.1	91.8	92.4	92.4	92.6	92.6	92.6
GE 2000	90.3	92.3	93.5	94.5	95.1	95.1	95.3	95.3	95.3
GE 1800	91.2	92.7	94.3	95.3	95.8	95.8	96.0	96.0	96.0
GE 1500	91.8	93.4	95.4	96.3	96.9	96.9	97.2	97.2	97.2
GE 1200	92.4	94.0	95.9	96.9	97.4	97.4	97.7	97.7	97.7
GE 1000	92.6	94.2	96.2	97.4	98.0	98.0	98.3	98.3	98.3
GE 900	92.5	94.2	96.2	97.4	98.0	98.0	98.3	98.3	98.3
GE 800	92.6	94.3	96.5	97.6	98.2	98.2	98.6	98.6	98.6
GE 700	92.6	94.3	96.5	97.6	98.2	98.2	98.6	98.6	98.6
GE 600	92.6	94.3	96.5	97.6	98.2	98.2	98.6	98.8	98.8
GE 500	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.2	99.2
GE 400	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.2	99.2
GE 300	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4
GE 200	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4
GE 100	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4
GE 000	92.6	94.3	96.7	98.0	98.6	98.6	99.2	99.4	99.4

TOTAL NUMBER OF OBSERVATIONS 930

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: MAR HOURS: 21-23

IN STATUTE MILES

OF 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
4.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
5.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
5.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
6.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
7.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
2.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
2.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
9.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
1.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
4.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
8.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
6.5	76.5	76.5	76.5	76.5	76.6	76.6	76.6	76.6	76.6
3.7	83.7	83.7	83.7	83.8	83.8	83.8	83.8	83.8	83.8
9.8	89.8	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9
2.6	92.6	92.6	92.6	92.7	92.7	92.7	92.7	92.7	92.7
5.3	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
6.0	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
7.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3
7.7	97.7	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8
8.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
8.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4
8.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
8.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7
8.8	98.8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9
9.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
9.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0
9.2	99.4	99.4	99.8	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	30.0	31.0	31.9	32.5	33.1	33.3	33.5	33.7	33.7
GE 20000	33.9	34.9	35.0	36.5	37.2	37.4	37.7	37.8	37.8
GE 18000	34.4	35.4	36.5	37.0	37.7	37.9	38.2	38.3	38.3
GE 16000	34.5	35.5	36.6	37.2	37.8	38.0	38.3	38.4	38.4
GE 14000	35.5	36.5	37.6	38.2	39.0	39.1	39.4	39.5	39.5
GE 12000	37.0	38.0	39.2	39.8	40.5	40.6	40.9	41.1	41.1
GE 10000	40.2	41.3	42.4	43.0	43.8	43.9	44.2	44.4	44.4
GE 9000	40.5	41.5	42.7	43.3	44.1	44.2	44.5	44.7	44.7
GE 8000	45.1	46.3	47.5	48.3	49.1	49.2	49.5	49.7	49.7
GE 7000	47.1	48.3	49.7	50.3	51.2	51.3	51.6	51.8	51.8
GE 6000	48.8	50.0	51.4	52.0	52.9	53.0	53.3	53.5	53.5
GE 5000	52.9	54.3	55.7	56.4	57.3	57.5	57.8	57.9	57.9
GE 4500	57.0	58.5	60.1	60.9	61.8	61.9	62.3	62.4	62.4
GE 4000	63.3	65.1	66.7	67.5	68.5	68.7	69.0	69.2	69.2
GE 3500	70.2	72.2	73.9	74.8	75.8	76.0	76.4	76.6	76.6
GE 3000	76.5	78.6	80.3	81.8	83.1	83.2	83.6	83.8	83.8
GE 2500	79.8	82.1	84.5	85.6	87.0	87.2	87.6	87.8	87.8
GE 2000	82.8	85.2	87.7	88.9	90.4	90.6	91.1	91.3	91.3
GE 1800	83.8	86.2	88.4	89.6	91.2	91.4	91.8	92.0	92.0
GE 1600	84.6	87.2	90.0	91.3	92.9	93.2	93.6	93.8	93.8
GE 1200	85.3	88.0	90.8	92.2	93.9	94.1	94.6	94.8	94.8
GE 1000	85.8	88.6	91.5	92.9	94.8	95.1	95.6	95.9	95.9
GE 900	86.2	88.6	91.5	93.0	94.9	95.2	95.7	96.0	96.0
GE 800	86.9	88.7	91.7	93.2	95.0	95.3	95.9	96.2	96.2
GE 700	86.9	88.8	91.9	93.4	95.2	95.6	96.2	96.5	96.5
GE 600	86.1	88.9	92.0	93.5	95.4	95.8	96.4	96.3	96.8
GE 500	86.1	88.9	92.1	93.6	95.6	96.0	96.7	97.2	97.2
GE 400	86.1	89.0	92.1	93.7	95.7	96.1	96.9	97.4	97.4
GE 300	86.1	89.0	92.1	93.7	95.7	96.2	97.0	97.6	97.6
GE 200	86.1	89.0	92.2	93.7	95.8	96.3	97.1	97.7	97.7
GE 100	86.1	89.0	92.2	93.7	95.8	96.3	97.1	97.7	97.7
GE 000	86.1	89.0	92.2	93.7	95.8	96.3	97.1	97.7	97.7

TOTAL NUMBER OF OBSERVATIONS 7440

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NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
PM HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: MAR HOURS: ALL

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	33.7	33.7	33.7	33.8	33.8	34.0	34.0	34.0	34.2
7	37.8	37.8	37.8	38.0	38.0	38.1	38.2	38.2	38.3
2	38.3	38.3	38.4	38.5	38.5	38.6	38.7	38.7	38.8
3	38.4	38.4	38.5	38.6	38.6	38.7	38.8	38.8	38.9
4	39.5	39.5	39.6	39.7	39.8	39.9	39.9	40.0	40.1
9	41.1	41.1	41.2	41.3	41.3	41.5	41.5	41.5	41.7
2	44.4	44.4	44.5	44.5	44.6	44.7	44.8	44.8	45.0
5	44.7	44.7	44.8	44.9	44.9	45.0	45.1	45.1	45.3
5	49.7	49.7	49.8	49.9	49.9	50.1	50.1	50.2	50.3
6	51.8	51.8	51.9	52.0	52.0	52.2	52.2	52.3	52.4
8	53.5	53.5	53.6	53.8	53.8	53.9	54.0	54.0	54.1
3	57.9	57.9	58.1	58.2	58.2	58.3	58.4	58.5	58.6
3	62.4	62.4	62.5	62.7	62.7	62.8	62.9	62.9	63.1
0	69.2	69.2	69.3	69.4	69.5	69.6	69.7	69.7	69.8
4	76.6	76.6	76.7	76.9	76.9	77.0	77.1	77.1	77.2
6	83.8	83.8	84.0	84.1	84.1	84.3	84.3	84.4	84.5
6	87.8	87.8	88.0	88.1	88.1	88.3	88.3	88.4	88.5
1	91.3	91.3	91.4	91.6	91.6	91.7	91.8	91.9	92.0
3	92.0	92.0	92.2	92.3	92.4	92.5	92.6	92.6	92.8
.6	93.8	93.8	94.0	94.2	94.2	94.4	94.4	94.5	94.6
.6	94.8	94.8	94.9	95.1	95.1	95.3	95.4	95.4	95.6
.6	95.9	95.9	96.1	96.3	96.3	96.4	96.5	96.6	96.7
.7	96.0	96.0	96.2	96.4	96.4	96.5	96.6	96.7	96.8
.9	96.2	96.2	96.4	96.6	96.6	96.7	96.8	96.9	97.0
.2	96.5	96.5	96.7	96.9	96.9	97.1	97.1	97.2	97.3
.4	96.8	96.8	97.1	97.3	97.3	97.4	97.5	97.6	97.7
.7	97.2	97.2	97.4	97.7	97.7	97.8	97.9	98.0	98.1
.9	97.4	97.4	97.6	97.9	97.9	98.1	98.1	98.2	98.3
.0	97.6	97.6	98.0	98.3	98.3	98.5	98.6	98.7	98.9
.1	97.7	97.7	98.2	98.5	98.5	98.8	98.9	99.1	99.6
.1	97.7	97.7	98.2	98.5	98.6	98.8	99.0	99.2	99.9
.1	97.7	97.7	98.2	98.5	98.6	98.8	99.0	99.2	100.0

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OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST IN UTC: + 8 — MC

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	46.1	47.2	47.5	48.0	48.0	48.0	48.0	48.1	48.1
GE 20000	49.0	50.1	50.8	51.0	51.1	51.1	51.1	51.2	51.2
GE 18000	49.3	50.1	50.8	51.0	51.1	51.1	51.1	51.2	51.2
GE 16000	49.0	50.1	50.8	51.0	51.1	51.1	51.1	51.2	51.2
GE 14000	49.3	50.4	51.1	51.3	51.4	51.4	51.4	51.6	51.6
GE 12000	50.8	51.9	52.6	52.8	52.9	52.9	52.9	53.0	53.0
GE 10000	56.3	57.9	58.6	58.8	58.9	58.9	58.9	59.0	59.0
GE 9000	57.3	58.4	59.1	59.3	59.4	59.4	59.4	59.5	59.5
GE 8000	62.1	63.3	64.0	64.2	64.3	64.3	64.3	64.4	64.4
GE 7000	63.7	64.9	65.6	65.8	65.9	65.9	65.9	66.0	66.0
GE 6000	65.3	66.5	67.2	67.4	67.6	67.6	67.6	67.7	67.7
GE 5000	69.6	69.9	70.8	71.0	71.1	71.1	71.1	71.2	71.2
GE 4500	71.8	73.1	74.0	74.2	74.3	74.3	74.3	74.4	74.4
GE 4000	76.9	78.7	79.9	80.2	80.3	80.3	80.3	80.4	80.4
GE 3500	80.8	82.7	84.1	84.6	84.7	84.7	84.7	84.8	84.8
GE 3000	85.8	87.9	89.4	89.9	90.0	90.0	90.0	90.1	90.1
GE 2500	88.0	90.1	91.8	92.7	92.8	92.8	92.8	92.9	92.9
GE 2000	89.7	91.8	93.6	94.5	94.7	94.7	94.7	94.8	94.8
GE 1800	90.3	92.4	94.2	95.2	95.3	95.3	95.3	95.4	95.4
GE 1600	92.2	94.4	96.2	97.3	97.4	97.4	97.4	97.5	97.5
GE 1200	93.0	95.2	97.0	98.1	98.2	98.2	98.2	98.3	98.3
GE 1000	93.2	95.4	97.2	98.3	98.5	98.6	98.6	98.7	98.7
GE 900	93.2	95.4	97.2	98.3	98.5	98.6	98.6	98.7	98.7
GE 800	93.3	95.5	97.3	98.4	98.7	98.7	98.7	98.8	98.8
GE 700	93.4	95.7	97.4	98.6	98.8	98.8	98.8	98.9	98.9
GE 600	93.4	95.7	97.4	98.7	98.9	98.9	98.9	99.0	99.0
GE 500	93.4	95.7	97.4	98.8	99.1	99.1	99.1	99.2	99.2
GE 400	93.5	95.8	97.6	98.9	99.2	99.2	99.2	99.3	99.3
GE 300	93.5	95.8	97.6	98.9	99.2	99.2	99.2	99.3	99.3
GE 200	93.7	95.9	97.7	99.1	99.4	99.4	99.4	99.6	99.6
GE 100	93.7	95.9	97.7	99.1	99.4	99.4	99.4	99.6	99.6
GE 000	93.7	95.9	97.7	99.1	99.4	99.4	99.4	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 900

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR HOURS: 00-02

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
3.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
1.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
1.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
2.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
3.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
3.3	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
4.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
5.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
7.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
4.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
5.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
4.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
0.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
2.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
4.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
5.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
7.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
8.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
8.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
8.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
8.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
8.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
8.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
9.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
9.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
9.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
9.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0
9.4	99.6	99.6	99.7	99.8	99.8	99.8	99.9	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENC
FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	34.2	35.4	37.6	38.1	38.3	38.4	38.8	38.9	38.9
GE 20000	38.9	40.1	42.2	42.9	43.2	43.3	43.7	43.8	43.8
GE 18000	39.1	40.3	42.4	43.0	43.4	43.5	43.9	44.0	44.0
GE 16000	39.1	40.3	42.4	43.0	43.4	43.5	43.9	44.0	44.0
GE 14000	39.7	40.9	43.0	43.5	44.0	44.1	44.4	44.6	44.6
GE 12000	40.1	41.4	43.6	44.1	44.6	44.7	45.0	45.1	45.1
GE 10000	44.7	46.0	48.1	48.7	49.1	49.2	49.6	49.7	49.7
GE 9000	44.9	46.2	48.3	48.9	49.3	49.4	49.8	49.9	49.9
GE 8000	50.2	52.0	54.1	54.7	55.1	55.2	55.6	55.7	55.7
GE 7000	52.2	54.1	56.3	56.9	57.3	57.4	57.8	57.9	57.9
GE 6000	53.2	55.1	57.3	58.0	58.4	58.6	58.9	59.0	59.0
GE 5000	57.6	59.6	61.9	62.6	63.3	63.4	63.8	63.9	63.9
GE 4500	61.6	63.6	66.0	66.8	67.6	67.7	68.0	68.1	68.1
GE 4000	66.2	68.7	71.1	71.9	72.7	72.8	73.1	73.2	73.2
GE 3500	71.0	73.4	75.9	76.7	77.4	77.5	77.9	78.0	78.0
GE 3000	76.9	79.7	82.2	83.3	84.1	84.2	84.7	84.8	84.8
GE 2500	79.7	82.6	85.1	86.7	87.4	87.6	88.1	88.2	88.2
GE 2000	82.4	85.4	88.2	89.9	90.9	91.0	91.6	91.7	91.7
GE 1800	83.3	86.3	89.1	90.8	91.8	91.9	92.4	92.5	92.5
GE 1500	85.4	88.4	91.2	93.0	94.0	94.1	94.7	94.8	94.8
GE 1200	86.0	89.0	91.8	93.6	94.6	94.7	95.2	95.3	95.3
GE 1000	86.9	89.9	92.8	94.6	95.6	95.7	96.3	96.4	96.4
GE 900	87.0	90.0	92.9	94.7	95.7	95.8	96.4	96.6	96.6
GE 800	87.1	90.1	93.0	94.8	95.8	95.9	96.5	96.7	96.7
GE 700	87.2	90.2	93.1	94.9	95.9	96.0	96.7	96.8	96.8
GE 600	87.2	90.2	93.1	94.9	95.9	96.0	96.7	96.9	96.8
GE 500	87.2	90.2	93.1	95.0	96.0	96.1	96.8	96.9	96.9
GE 400	87.3	90.4	93.3	95.2	96.2	96.4	97.1	97.2	97.2
GE 300	87.7	90.9	93.8	95.8	96.8	97.0	97.7	97.8	97.8
GE 200	87.7	90.9	93.8	95.8	96.8	97.1	97.8	97.9	97.9
GE 100	87.7	90.9	93.8	95.8	96.8	97.1	97.8	97.9	97.9
GE 000	87.7	90.9	93.8	95.8	96.8	97.1	97.8	97.9	97.9

TOTAL NUMBER OF OBSERVATIONS 900

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 74 - MAY 88
MONTH: APR HOURS: 03-05

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	38.9	38.9	39.1	39.2	39.2	39.3	39.4	39.4	39.4
3.7	43.8	43.8	44.0	44.1	44.1	44.2	44.3	44.3	44.3
3.3	44.0	44.0	44.2	44.3	44.3	44.4	44.5	44.6	44.6
3.7	44.0	44.0	44.2	44.3	44.3	44.4	44.6	44.6	44.6
4.4	44.6	44.6	44.8	44.9	44.9	45.0	45.1	45.1	45.1
5.0	45.1	45.1	45.3	45.4	45.4	45.6	45.7	45.7	45.7
9.6	49.7	49.7	49.9	50.0	50.0	50.1	50.2	50.2	50.2
4.3	49.9	49.9	50.1	50.2	50.2	50.3	50.4	50.4	50.4
5.6	55.7	55.7	55.9	56.0	56.0	56.1	56.2	56.2	56.2
7.3	57.9	57.9	58.1	58.2	58.2	58.3	58.4	58.4	58.4
9.9	59.0	59.0	59.2	59.3	59.3	59.4	59.6	59.6	59.6
3.8	63.9	63.9	64.1	64.2	64.2	64.3	64.4	64.4	64.4
3.3	68.1	68.1	68.3	68.4	68.4	68.6	68.7	68.7	68.7
3.1	73.2	73.2	73.4	73.5	73.6	73.7	74.1	74.1	74.1
7.9	78.0	78.0	78.2	78.3	78.3	78.4	78.9	78.9	78.9
4.7	84.8	84.8	85.0	85.1	85.1	85.2	85.7	85.7	85.7
8.1	88.2	88.2	88.4	88.5	88.6	88.7	89.1	89.1	89.1
1.6	91.7	91.7	91.9	92.0	92.0	92.1	92.6	92.6	92.6
2.4	92.6	92.6	92.8	92.9	92.9	93.0	93.4	93.4	93.4
4.7	94.8	94.8	95.0	95.1	95.1	95.2	95.7	95.7	95.7
5.2	95.3	95.3	95.6	95.7	95.7	95.8	96.2	96.2	96.2
6.3	96.4	96.4	96.7	96.8	96.8	96.9	97.3	97.3	97.3
6.6	96.6	96.6	96.8	96.9	96.9	97.0	97.4	97.4	97.4
6.5	96.7	96.7	96.9	97.0	97.0	97.1	97.5	97.6	97.6
6.7	96.8	96.8	97.0	97.1	97.1	97.2	97.7	97.7	97.7
6.7	96.8	96.8	97.0	97.1	97.1	97.2	97.7	97.7	97.7
6.8	96.9	96.9	97.1	97.2	97.2	97.3	97.8	97.8	97.8
7.1	97.2	97.2	97.4	97.6	97.6	97.7	98.1	98.1	98.1
7.7	97.8	97.8	98.0	98.1	98.1	98.2	98.7	98.7	98.7
7.8	97.9	97.9	98.7	98.8	98.8	98.9	99.4	99.7	99.7
7.8	97.9	97.9	98.7	98.9	98.9	99.1	99.7	99.9	100.0
7.8	97.9	97.9	98.7	98.9	98.9	99.1	99.7	99.9	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	28.6	30.2	31.2	31.7	32.0	32.1	32.2	32.3	32.3
GE 20000	34.2	36.0	37.1	37.7	38.0	38.1	38.2	38.3	38.3
GE 18000	34.3	36.2	37.3	38.3	38.7	38.8	38.9	39.0	39.0
GE 16000	35.1	36.9	38.0	38.6	38.9	39.0	39.1	39.2	39.2
GE 14000	36.3	38.1	39.3	39.9	40.2	40.3	40.4	40.6	40.6
GE 12000	38.7	40.6	41.8	42.3	42.7	42.8	42.9	43.0	43.0
GE 10000	42.9	44.9	46.2	46.8	47.2	47.3	47.4	47.6	47.6
GE 9000	43.8	45.8	47.2	47.8	48.2	48.3	48.4	48.6	48.6
GE 8000	49.2	51.1	52.6	53.1	53.6	53.7	53.8	53.9	53.9
GE 7000	50.8	52.8	54.2	54.8	55.2	55.3	55.4	55.6	55.6
GE 6000	51.8	53.8	54.8	55.3	55.8	55.9	56.0	56.1	56.1
GE 5000	56.0	58.2	59.8	60.3	60.8	60.9	61.0	61.1	61.1
GE 4500	59.7	62.1	63.8	64.3	64.9	65.0	65.1	65.2	65.2
GE 4000	64.8	67.6	69.2	69.8	70.4	70.5	70.8	70.9	70.9
GE 3500	68.9	71.8	73.4	74.0	74.7	74.8	75.0	75.1	75.1
GE 3000	75.2	78.3	80.1	80.8	81.6	81.7	82.0	82.2	82.2
GE 2500	78.6	82.0	83.8	84.6	85.3	85.4	85.8	86.0	86.0
GE 2000	80.3	84.4	86.4	87.3	88.2	88.3	88.7	88.9	88.9
GE 1800	81.0	84.7	86.7	87.7	88.6	88.7	89.0	89.2	89.2
GE 1500	82.8	86.4	88.4	89.4	90.4	90.6	90.9	91.1	91.1
GE 1200	84.1	87.9	89.9	90.9	92.0	92.1	92.4	92.7	92.7
GE 1000	84.9	88.7	90.8	92.0	93.1	93.2	93.7	93.9	93.9
GE 900	85.0	88.8	90.9	92.1	93.2	93.3	93.8	94.0	94.0
GE 800	85.4	89.3	91.4	92.7	93.8	93.9	94.3	94.6	94.6
GE 700	85.8	89.7	91.8	93.1	94.3	94.4	94.9	95.1	95.1
GE 600	85.9	89.8	91.9	93.2	94.7	94.8	95.3	95.7	95.7
GE 500	86.3	90.2	92.4	93.9	95.3	95.4	95.8	96.9	96.9
GE 400	86.3	90.2	92.4	93.9	95.3	95.4	95.8	96.9	96.9
GE 300	86.3	90.2	92.4	93.9	95.3	95.4	96.3	96.9	96.9
GE 200	86.3	90.2	92.4	93.9	95.4	95.6	96.6	97.1	97.1
GE 100	86.3	90.2	92.4	93.9	95.4	95.6	96.6	97.1	97.1
GE 000	86.3	90.2	92.4	93.9	95.4	95.6	96.6	97.1	97.1

TOTAL NUMBER OF OBSERVATIONS 900

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR HOURS: 06-08

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
32.2	32.3	32.3	32.4	32.4	32.6	32.8	32.8	33.0	33.1
38.2	38.3	38.3	38.4	38.4	38.6	38.8	38.8	39.0	39.1
38.9	39.0	39.0	39.1	39.1	39.2	39.4	39.4	39.7	39.8
39.1	39.2	39.2	39.3	39.3	39.4	39.7	39.7	39.9	40.0
40.4	40.5	40.6	40.7	40.7	40.8	41.0	41.0	41.2	41.3
42.9	43.0	43.0	43.1	43.1	43.2	43.4	43.4	43.7	43.8
47.4	47.5	47.5	47.7	47.7	47.8	48.0	48.0	48.2	48.3
48.4	48.6	48.6	48.7	48.7	48.8	49.0	49.0	49.2	49.3
53.8	53.9	53.9	54.0	54.0	54.1	54.3	54.3	54.6	54.7
55.4	55.5	55.6	55.7	55.7	55.8	56.0	56.0	56.2	56.3
56.0	56.1	56.1	56.2	56.2	56.3	56.6	56.6	56.8	56.9
61.0	61.1	61.1	61.2	61.2	61.3	61.6	61.6	61.8	61.9
65.1	65.2	65.2	65.3	65.3	65.4	65.7	65.7	65.9	66.0
70.8	70.9	70.9	71.0	71.0	71.1	71.3	71.3	71.6	71.7
75.0	75.1	75.1	75.2	75.2	75.3	75.5	75.5	75.8	75.9
82.0	82.2	82.2	82.3	82.3	82.4	82.7	82.7	82.9	83.0
85.8	86.0	86.0	86.1	86.1	86.2	86.4	86.4	86.7	86.8
88.7	88.9	88.9	89.0	89.0	89.1	89.3	89.3	89.6	89.7
89.0	89.2	89.2	89.3	89.3	89.4	89.7	89.7	89.9	90.0
90.9	91.1	91.1	91.3	91.3	91.4	91.7	91.7	91.9	92.0
92.4	92.7	92.7	92.9	92.9	93.0	93.2	93.2	93.4	93.6
93.7	93.9	93.9	94.1	94.1	94.2	94.4	94.4	94.7	94.8
93.8	94.0	94.0	94.2	94.2	94.3	94.5	94.6	94.8	94.9
94.3	94.6	94.6	94.8	94.8	94.9	95.1	95.1	95.3	95.4
94.9	95.1	95.1	95.3	95.3	95.4	95.7	95.7	95.9	96.0
95.8	95.7	95.7	95.9	95.9	96.0	96.2	96.2	96.4	96.6
96.8	96.9	96.9	97.1	97.1	97.2	97.6	97.6	97.8	97.9
96.8	96.9	96.9	97.2	97.2	97.3	97.7	97.7	97.9	98.0
96.8	96.9	96.9	97.4	97.6	97.7	98.0	98.1	98.3	98.4
96.6	97.1	97.1	97.7	97.9	98.0	98.4	98.6	99.0	99.2
96.6	97.1	97.1	97.7	97.9	98.1	98.6	98.7	99.3	99.9
96.6	97.1	97.1	97.7	97.9	98.1	98.6	98.7	99.4	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 18000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 16000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 12000	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	42.0	42.0	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 8000	46.9	46.9	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 7000	47.9	47.9	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	49.1	49.3	49.6	49.6	49.6	49.6	49.6	49.6	49.6
GE 5000	52.3	52.6	52.8	52.3	52.8	52.3	52.8	52.8	52.8
GE 4500	55.7	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 4000	61.8	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 3500	66.3	66.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3000	79.9	80.3	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	84.9	85.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2000	88.4	89.1	89.7	89.8	90.0	90.0	90.0	90.1	90.1
GE 1800	89.2	89.9	90.6	90.7	90.9	90.9	90.9	91.0	91.0
GE 1500	91.7	92.3	93.1	93.2	93.4	93.4	93.4	93.6	93.6
GE 1200	93.3	94.0	94.8	94.9	95.1	95.1	95.1	95.2	95.2
GE 1000	94.2	95.0	95.9	96.1	96.3	96.3	96.3	96.4	96.4
GE 900	94.4	95.2	96.3	96.6	96.8	96.8	96.8	96.9	96.9
GE 800	95.4	96.4	97.6	97.9	98.1	98.2	98.3	98.4	98.4
GE 700	95.4	96.4	97.8	98.1	98.4	98.6	98.7	98.8	98.8
GE 600	95.6	96.7	98.0	98.3	98.7	98.9	99.0	99.1	99.1
GE 500	95.6	96.7	98.0	98.4	98.8	98.9	99.1	99.4	99.4
GE 400	95.6	96.7	98.0	98.4	98.8	98.9	99.2	99.7	99.7
GE 300	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8
GE 200	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8
GE 100	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8
GE 000	95.6	96.7	98.0	98.6	98.9	99.0	99.3	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
R 3-HOURLY OBSERVATIONS

STATION PERIOD OF RECORD: JUN 75 - MAY 85
MONTH: APR HOURS: 09-11

IN STATUTE MILES

CEILING	GE 10	GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE 0
GE 22000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 20000	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 18000	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 16000	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8
GE 14000	35.5	35.5	35.5	35.5	35.6	35.6	36.6	36.6	36.6	36.6
GE 12000	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 10000	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
GE 9000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 8000	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 7000	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 5000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4500	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 4000	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 3500	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 3000	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2500	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2200	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1800	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1600	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 1400	96.4	96.4	96.5	96.6	96.6	96.5	96.5	96.6	96.6	96.6
GE 1200	96.2	96.2	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	98.4	98.4	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.5	99.6	99.6
GE 600	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
MARTIN, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 723160 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING	VISIBILITY IN STATUTE MILES									
FT	7	6	5	4	3	2 1/2	2	1 1/2	1 1/4	
CAVU	27.4	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	
20000	36.9	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2	
15000	38.1	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	
12000	39.1	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	
10000	40.0	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	
9000	42.2	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	
8000	45.4	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	
7500	46.3	46.6	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
7000	51.9	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	
6500	53.6	53.8	53.9	54.0	54.0	54.0	54.0	54.0	54.0	
6000	54.4	54.7	54.8	54.9	54.9	54.9	54.9	54.9	54.9	
5500	57.3	57.6	57.7	57.8	57.8	57.8	57.8	57.8	57.8	
5000	59.9	60.1	60.2	60.3	60.3	60.3	60.3	60.3	60.3	
4500	64.7	65.4	65.8	66.0	66.0	66.0	66.0	66.0	66.0	
3500	73.8	74.3	74.7	74.8	74.9	74.9	74.9	74.9	74.9	
3000	84.2	84.9	85.2	85.3	85.9	85.9	85.9	85.9	85.9	
2500	90.6	90.8	91.1	91.2	91.3	91.3	91.3	91.3	91.3	
2000	92.4	93.5	94.3	94.5	94.8	94.9	94.9	94.9	94.9	
1800	93.3	94.4	95.2	95.4	95.7	95.8	95.8	95.8	95.8	
1500	94.7	95.9	96.7	96.9	97.2	97.3	97.3	97.3	97.3	
1200	96.4	97.6	98.4	98.7	98.9	99.2	99.3	99.3	99.3	
1000	96.7	98.0	98.9	99.1	99.4	99.6	99.6	99.6	99.6	
900	96.7	98.1	99.1	99.3	99.6	99.8	99.8	99.8	99.8	
800	96.7	98.1	99.1	99.3	99.6	99.9	99.9	99.9	99.9	
700	96.8	98.2	99.2	99.4	99.8	100.0	100.0	100.0	100.0	1
600	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
500	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
400	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
300	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
200	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
100	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1
000	96.8	98.2	99.2	99.4	99.9	100.0	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS 900

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION PERIOD OF RECORD: JUN 75 - MAY 88
MONTH: APR HOURS: 12-14

IN STATUTE MILES

	2	1 1/2	1 1/4	1	3/4	5/8	1/2	3/8	1/4	0
.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3
.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 5	GE 3	GE 2	GE 1 1/2	GE 1	GE 1/2	GE 1/4	G
NO CEIL	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31
GE 20000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42
GE 18000	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42
GE 16000	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42
GE 14000	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44
GE 12000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46
GE 10000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.
GE 9000	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.
GE 8000	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.
GE 7000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.
GE 6000	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.
GE 5000	66.0	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.
GE 4500	68.0	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.
GE 4000	72.3	73.1	73.4	73.4	73.4	73.4	73.4	73.4	73.
GE 3500	80.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9	81.
GE 3000	87.0	88.0	88.6	88.8	89.1	89.1	89.1	89.1	89.
GE 2500	91.6	92.4	93.7	93.9	94.2	94.2	94.2	94.2	94.
GE 2000	94.2	95.6	96.6	96.8	97.2	97.2	97.2	97.2	97.
GE 1800	94.4	95.8	96.8	97.2	97.6	97.6	97.6	97.6	97.
GE 1500	95.1	96.6	97.6	98.0	98.3	98.3	98.3	98.3	98.
GE 1200	96.0	97.7	98.8	99.2	99.6	99.6	99.6	99.6	99.
GE 1000	96.2	97.9	99.0	99.4	99.8	99.8	99.8	99.8	99.
GE 900	96.2	97.9	99.0	99.4	99.8	99.8	99.8	99.8	99.
GE 800	96.2	97.9	99.0	99.4	99.8	99.8	99.8	99.8	99.
GE 700	96.3	98.0	99.1	99.6	99.9	99.9	99.9	99.9	99.
GE 600	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.
GE 500	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.
GE 400	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.
GE 300	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.
GE 200	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.
GE 100	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.
GE 000	96.3	98.0	99.2	99.7	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 900

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
34 HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 15-17

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
5	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LSI ID UIC: +.8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 18000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 15000	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 14000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 9000	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 8000	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	63.3	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 5000	70.9	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4500	73.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	77.8	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 3500	82.3	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	90.7	91.2	91.3	91.3	91.4	91.4	91.4	91.4	91.4
GE 2500	93.8	94.6	94.7	94.7	94.8	94.8	94.8	94.8	94.8
GE 2000	96.0	97.0	97.2	97.2	97.4	97.5	97.6	97.6	97.6
GE 1800	96.1	97.1	97.3	97.3	97.7	97.8	97.8	97.8	97.8
GE 1500	97.1	98.1	98.6	98.8	99.2	99.4	99.4	99.4	99.4
GE 1200	97.3	98.3	98.8	99.0	99.4	99.7	99.7	99.7	99.7
GE 1000	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 900	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 800	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 700	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 600	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 500	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 400	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 300	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 200	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 100	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0
GE 000	97.3	98.3	98.8	99.0	99.6	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

...NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...OM HOURLY OBSERVATIONS

...SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: 18-20

IN STATUTE MILES

...	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 20000	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 18000	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	52.9	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 12000	55.7	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 10000	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 9000	60.4	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 8000	65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 7000	65.8	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 6000	66.9	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 5000	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4500	74.1	74.5	74.5	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	78.8	79.0	79.2	79.2	79.3	79.3	79.3	79.3	79.3
GE 3500	83.2	83.9	84.2	84.3	84.4	84.4	84.4	84.4	84.4
GE 3000	89.6	90.6	91.0	91.1	91.2	91.2	91.2	91.2	91.2
GE 2500	92.2	93.4	93.9	94.2	94.4	94.4	94.4	94.4	94.4
GE 2000	94.1	95.7	96.1	96.4	96.7	96.7	96.7	96.7	96.7
GE 1800	94.4	95.0	96.4	96.8	97.0	97.0	97.0	97.0	97.0
GE 1500	96.1	97.8	98.2	98.8	99.0	99.0	99.0	99.0	99.0
GE 1200	96.4	98.1	98.6	99.1	99.3	99.3	99.3	99.3	99.3
GE 1000	96.4	98.1	98.6	99.2	99.4	99.4	99.6	99.6	99.6
GE 900	96.4	98.1	98.6	99.2	99.4	99.4	99.6	99.6	99.6
GE 800	96.4	98.1	98.6	99.2	99.4	99.4	99.6	99.6	99.6
GE 700	96.6	98.2	98.7	99.3	99.6	99.6	99.7	99.7	99.7
GE 600	96.6	98.2	98.7	99.3	99.6	99.6	99.7	99.7	99.7
GE 500	96.7	98.3	98.8	99.4	99.7	99.7	99.8	99.8	99.8
GE 400	96.7	98.4	98.9	99.6	99.8	99.8	99.9	99.9	99.9
GE 300	96.7	98.4	98.9	99.6	99.8	99.8	99.9	99.9	99.9
GE 200	96.7	98.4	98.9	99.7	99.9	99.9	100.0	100.0	100.0
GE 100	96.7	98.4	98.9	99.7	99.9	99.9	100.0	100.0	100.0
GE 000	96.7	98.4	98.9	99.7	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
JM HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 75 - MAY 88
MONTH: APR HOURS: 21-23

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	35.1	35.6	36.1	36.3	36.3	36.4	36.4	36.5	36.5
GE 20000	41.7	42.2	42.7	42.9	43.0	43.0	43.1	43.1	43.1
GE 18000	42.1	42.6	43.1	43.3	43.4	43.4	43.5	43.5	43.5
GE 16000	42.2	42.7	43.2	43.4	43.5	43.5	43.6	43.6	43.6
GE 14000	43.5	44.0	44.5	44.7	44.8	44.8	44.9	44.9	44.9
GE 12000	45.1	45.6	46.2	46.3	46.4	46.5	46.5	46.6	46.6
GE 10000	49.9	50.5	51.0	51.2	51.3	51.4	51.4	51.5	51.5
GE 9000	50.3	50.9	51.5	51.6	51.8	51.8	51.8	51.9	51.9
GE 8000	55.6	56.3	56.8	57.0	57.1	57.2	57.2	57.3	57.3
GE 7000	57.3	57.9	58.5	58.7	58.8	58.9	58.9	59.0	59.0
GE 6000	58.6	59.2	59.8	60.0	60.1	60.1	60.2	60.2	60.2
GE 5000	62.6	63.3	63.9	64.1	64.3	64.3	64.4	64.4	64.4
GE 4500	65.6	66.4	67.1	67.3	67.5	67.5	67.6	67.6	67.6
GE 4000	70.6	71.6	72.4	72.6	72.8	72.9	72.9	73.0	73.0
GE 3500	76.2	77.4	78.3	78.6	78.8	78.8	78.9	78.9	78.9
GE 3000	83.7	85.1	86.1	86.5	86.8	86.8	86.9	86.9	86.9
GE 2500	87.3	88.9	90.0	90.5	90.8	90.8	90.9	91.0	91.0
GE 2000	89.6	91.6	92.8	93.3	93.7	93.8	93.9	94.0	94.0
GE 1800	90.3	92.1	93.3	93.9	94.3	94.4	94.5	94.5	94.5
GE 1500	91.9	93.8	95.0	95.7	96.1	96.2	96.3	96.4	96.4
GE 1200	92.8	94.8	96.0	96.7	97.2	97.3	97.4	97.4	97.4
GE 1000	93.2	95.2	96.5	97.2	97.7	97.8	98.0	98.0	98.0
GE 900	93.3	95.2	96.6	97.3	97.8	97.9	98.1	98.2	98.2
GE 800	93.5	95.5	96.8	97.6	98.1	98.2	98.4	98.5	98.5
GE 700	93.6	95.6	97.0	97.8	98.3	98.4	98.6	98.6	98.6
GE 600	93.6	95.6	97.0	97.9	98.4	98.5	98.7	98.8	98.8
GE 500	93.7	95.7	97.1	98.0	98.5	98.6	98.9	99.0	99.0
GE 400	93.7	95.8	97.2	98.0	98.6	98.7	99.0	99.1	99.1
GE 300	93.8	95.8	97.2	98.1	98.7	98.8	99.1	99.2	99.2
GE 200	93.8	95.8	97.3	98.1	98.7	98.8	99.1	99.3	99.3
GE 100	93.8	95.8	97.3	98.1	98.7	98.8	99.1	99.3	99.3
GE 000	93.8	95.8	97.3	98.1	98.7	98.8	99.1	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 7200

A

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: APR HOURS: ALL

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	
.1	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.3	43.3	
.5	43.5	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	
.6	43.6	43.6	43.7	43.7	43.7	43.7	43.8	43.8	43.8	
.9	44.9	44.9	45.0	45.0	45.0	45.1	45.1	45.1	45.1	
.6	46.6	46.6	46.6	46.6	46.6	46.7	46.7	46.7	46.7	
.4	51.5	51.5	51.6	51.6	51.5	51.6	51.6	51.6	51.6	
.8	51.9	51.9	51.9	51.9	51.9	52.0	52.0	52.0	52.0	
.2	57.3	57.3	57.3	57.3	57.3	57.4	57.4	57.4	57.4	
.9	59.0	59.0	59.0	59.0	59.0	59.1	59.1	59.1	59.1	
.2	60.2	60.2	60.3	60.3	60.3	60.3	60.4	60.4	60.4	
.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.6	64.6	
.5	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.8	67.8	
.9	73.0	73.0	73.0	73.0	73.0	73.1	73.1	73.2	73.2	
.9	78.9	78.9	79.0	79.0	79.0	79.0	79.1	79.1	79.1	
.9	86.9	86.9	87.0	87.0	87.0	87.1	87.1	87.1	87.2	
.9	91.0	91.0	91.0	91.0	91.1	91.1	91.2	91.2	91.2	
.3	94.0	94.0	94.0	94.0	94.0	94.1	94.1	94.2	94.2	
.5	94.5	94.5	94.6	94.6	94.6	94.7	94.7	94.7	94.8	
.3	96.4	96.4	96.5	96.5	96.5	96.5	96.6	96.6	96.6	
.4	97.4	97.4	97.5	97.5	97.5	97.6	97.6	97.7	97.7	
.0	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.3	98.3	
.1	98.2	98.2	98.2	98.3	98.3	98.3	98.4	98.4	98.4	
.4	98.5	98.5	98.5	98.5	98.6	98.6	98.7	98.7	98.7	
.6	98.6	98.6	98.7	98.7	98.7	98.8	98.8	98.9	98.9	
.7	98.8	98.8	98.8	98.9	98.9	98.9	99.0	99.0	99.0	
.9	99.0	99.0	99.1	99.1	99.1	99.2	99.2	99.3	99.3	
.0	99.1	99.1	99.2	99.2	99.2	99.3	99.3	99.4	99.4	
.1	99.2	99.2	99.3	99.4	99.4	99.4	99.5	99.5	99.5	
.1	99.3	99.3	99.5	99.5	99.5	99.6	99.7	99.8	99.8	
.1	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.9	100.0	
.1	99.3	99.3	99.5	99.6	99.6	99.7	99.8	99.9	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	45.9	46.1	46.1	46.3	46.5	46.6	46.6	46.6	46.6
GE 20000	48.5	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2
GE 18000	48.5	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2
GE 16000	48.5	48.8	48.8	49.0	49.2	49.2	49.2	49.2	49.2
GE 14000	49.7	49.9	49.9	50.1	50.3	50.3	50.3	50.3	50.3
GE 12000	50.3	50.5	50.5	50.8	51.0	51.0	51.0	51.0	51.0
GE 10000	54.1	54.3	54.3	54.5	54.7	54.7	54.7	54.7	54.7
GE 9000	55.1	55.3	55.3	55.5	55.7	55.7	55.7	55.7	55.7
GE 8000	60.0	60.2	60.2	60.4	60.6	60.6	60.6	60.6	60.6
GE 7000	62.4	62.6	62.6	62.8	63.0	63.0	63.0	63.0	63.0
GE 6000	63.8	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4
GE 5000	67.7	68.0	68.0	68.2	68.4	68.4	68.4	68.4	68.4
GE 4500	71.3	71.5	71.5	71.7	71.9	71.9	71.9	71.9	71.9
GE 4000	79.4	79.9	80.1	80.3	80.5	80.5	80.5	80.5	80.5
GE 3500	84.3	85.6	85.9	86.2	86.5	86.6	86.6	86.6	86.6
GE 3000	90.3	91.1	91.4	91.7	91.9	92.2	92.2	92.2	92.2
GE 2500	91.8	92.6	92.9	93.2	93.4	93.7	93.7	93.7	93.7
GE 2000	93.9	94.5	94.9	95.3	95.5	95.7	95.7	95.7	95.7
GE 1800	94.9	95.7	96.2	96.6	96.8	97.0	97.0	97.0	97.0
GE 1500	95.6	97.3	97.8	98.2	98.4	98.6	98.6	98.6	98.6
GE 1200	97.1	97.8	98.4	98.7	98.9	99.1	99.1	99.1	99.1
GE 1000	97.4	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.5
GE 900	97.4	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.5
GE 800	97.4	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.5
GE 700	97.7	98.5	99.0	99.4	99.6	99.8	99.8	99.8	99.8
GE 600	97.7	98.5	99.0	99.4	99.6	99.8	99.8	99.8	99.8
GE 500	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE 400	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE 300	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE 200	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE 100	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0
GE 000	97.8	98.6	99.2	99.6	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

A

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 00-02

IN STATUTE MILES

E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
8.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
1.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
0.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
6.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
2.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
3.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
5.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
7.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	.0
8.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
9.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
9.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
9.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
9.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	33.4	33.7	34.0	34.1	34.3	34.3	34.4	34.4	34.4
GE 20000	37.1	37.3	37.6	37.8	38.1	38.1	38.2	38.2	38.2
GE 18000	37.4	37.6	38.0	38.2	38.4	38.4	38.5	38.5	38.5
GE 16000	37.4	37.6	38.0	38.2	38.4	38.4	38.5	38.5	38.5
GE 14000	38.7	38.9	39.2	39.5	39.7	39.7	39.8	39.8	39.8
GE 12000	40.6	41.0	41.3	41.5	41.7	41.7	41.8	41.8	41.8
GE 10000	44.0	44.3	44.6	44.8	45.1	45.1	45.2	45.2	45.2
GE 9000	44.3	44.6	44.9	45.2	45.4	45.4	45.5	45.5	45.5
GE 8000	47.8	48.2	48.6	48.8	49.0	49.0	49.1	49.1	49.1
GE 7000	49.7	50.0	50.4	50.6	50.9	50.9	51.0	51.0	51.0
GE 6000	51.5	51.8	52.4	52.6	52.8	52.8	52.9	52.9	52.9
GE 5000	56.9	57.5	58.1	58.3	58.6	58.6	58.7	58.7	58.8
GE 4500	61.3	62.5	63.0	63.3	63.7	63.7	63.8	63.8	63.9
GE 4000	67.7	68.4	69.1	69.6	69.9	69.9	70.0	70.0	70.1
GE 3500	72.9	73.5	74.6	75.3	75.6	75.6	75.7	75.7	75.8
GE 3000	78.4	79.1	80.4	81.1	81.4	81.4	81.5	81.5	81.6
GE 2500	82.7	83.4	84.9	85.6	85.9	85.9	86.0	86.0	86.1
GE 2000	86.6	87.5	89.0	89.7	90.0	90.0	90.1	90.1	90.2
GE 1800	88.2	89.1	90.6	91.3	91.6	91.6	91.7	91.7	91.8
GE 1500	91.0	92.0	93.5	94.3	94.6	94.6	94.7	94.7	94.8
GE 1200	92.6	93.7	95.2	95.9	96.2	96.2	96.3	96.3	96.5
GE 1000	92.8	93.9	95.4	96.2	96.6	96.6	96.7	96.7	96.8
GE 900	93.4	94.5	96.1	97.0	97.3	97.3	97.4	97.4	97.5
GE 800	93.9	95.2	95.8	97.7	98.1	98.1	98.2	98.2	98.3
GE 700	93.9	95.2	95.8	97.8	98.2	98.2	98.3	98.3	98.4
GE 600	94.1	95.4	97.0	98.1	98.4	98.4	98.5	98.5	98.6
GE 500	94.4	95.9	97.6	98.8	99.1	99.1	99.2	99.2	99.4
GE 400	94.4	95.9	97.6	98.8	99.1	99.1	99.2	99.2	99.4
GE 300	94.5	96.0	97.7	98.9	99.2	99.2	99.4	99.4	99.5
GE 200	94.5	96.0	97.7	98.9	99.2	99.2	99.4	99.4	99.5
GE 100	94.5	96.0	97.7	98.9	99.4	99.4	99.5	99.5	99.6
GE 000	94.5	96.0	97.7	98.9	99.4	99.4	99.5	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 930

A

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
OM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 03-05

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5
.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.3	38.3
.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6
.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.6	38.6
.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.9	39.9
.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9
.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.3
.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.6
.1	49.1	49.1	49.1	49.	49.1	49.1	49.1	49.2	49.2
.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.1	51.1
.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	53.0	53.0
.7	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	64.0	64.0
.0	70.0	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2
.7	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.9	75.9
.6	81.5	81.6	81.6	81.6	81.6	81.6	81.6	81.7	81.7
.0	86.0	86.1	86.1	86.1	86.1	86.1	86.1	86.2	86.2
.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.3	90.3
.7	91.7	91.8	91.8	91.8	91.8	91.8	91.8	91.9	91.9
.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9
.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.6	96.6
.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.9	96.9
.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.6	97.6
.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.4	98.4
.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.5	98.5
.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.7	98.7
.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.5	99.5
.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.6	99.6
.5	99.5	99.5	99.5	99.6	99.6	99.7	99.8	99.9	100.0
.5	99.5	99.5	99.6	99.6	99.6	99.7	99.8	99.9	100.0

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	28.0
GE 20000	32.7	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.9
GE 18000	32.8	32.8	32.8	32.8	33.0	33.0	33.0	33.0	33.1
GE 16000	33.1	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.3
GE 14000	35.3	35.3	35.3	35.3	35.4	35.4	35.4	35.4	35.5
GE 12000	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.7
GE 10000	41.4	41.4	41.4	41.4	41.5	41.5	41.5	41.5	41.6
GE 9000	41.7	41.7	41.7	41.7	41.8	41.8	41.8	41.8	41.9
GE 8000	45.2	45.2	45.2	45.2	45.3	45.3	45.3	45.3	45.4
GE 7000	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.7
GE 6000	49.4	49.4	49.6	49.6	49.7	49.7	49.7	49.7	49.8
GE 5000	54.7	54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.2
GE 4500	57.1	57.1	57.5	57.7	57.8	57.8	57.8	57.8	57.9
GE 4000	65.4	65.4	66.2	66.6	66.7	66.7	66.7	66.7	66.8
GE 3500	71.7	71.8	72.3	72.6	72.7	72.7	72.7	72.7	72.8
GE 3000	78.1	78.4	78.8	79.1	79.4	79.4	79.4	79.4	79.5
GE 2500	82.3	82.7	83.2	83.5	83.8	83.8	83.9	83.9	84.0
GE 2000	85.8	86.2	86.8	87.1	87.4	87.4	87.5	87.6	87.7
GE 1800	87.1	87.6	88.2	88.5	88.8	88.8	89.0	89.0	89.1
GE 1500	90.2	90.9	91.5	92.2	92.5	92.5	92.8	92.9	93.0
GE 1200	90.9	91.5	92.3	92.9	93.3	93.3	93.7	93.8	93.9
GE 1000	91.5	92.3	93.1	93.8	94.2	94.2	94.5	94.6	94.7
GE 900	91.8	92.6	93.4	94.1	94.6	94.6	95.2	95.3	95.4
GE 800	92.2	92.8	93.9	94.5	95.1	95.1	95.6	95.7	95.8
GE 700	92.8	93.8	94.8	95.6	96.1	96.1	96.8	96.9	97.0
GE 600	93.0	94.1	95.4	96.1	96.8	96.8	97.4	97.6	97.7
GE 500	93.2	94.3	95.6	96.8	97.5	97.5	98.2	98.4	98.5
GE 400	93.2	94.3	95.6	96.8	97.5	97.5	98.2	98.4	98.5
GE 300	93.2	94.3	95.6	96.9	97.6	97.6	98.3	98.5	98.6
GE 200	93.2	94.3	95.6	96.9	97.6	97.6	98.3	98.5	98.6
GE 100	93.2	94.3	95.6	96.9	97.6	97.6	98.3	98.5	98.6
GE 000	93.2	94.3	95.6	96.9	97.6	97.6	98.3	98.5	98.6

TOTAL NUMBER OF OBSERVATIONS 930

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 7[illegible] - MAY 88
MONTH: MAY HOURS: 06-08

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
27.8	27.8	28.0	28.0	28.0	28.0	28.0	28.1	28.1	28.1
32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0
33.0	33.0	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.2
33.2	33.2	33.3	33.3	33.3	33.3	33.3	33.4	33.4	33.4
35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6
36.6	36.6	36.7	36.7	36.7	36.7	36.7	36.8	36.8	36.8
41.5	41.5	41.6	41.6	41.6	41.6	41.6	41.7	41.7	41.7
41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0	42.0
45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.5
47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.8	47.8	47.8
49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.9	49.9	49.9
55.1	55.1	55.2	55.2	55.2	55.2	55.2	55.3	55.3	55.3
59.8	59.8	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.0
66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9
72.7	72.7	72.8	72.8	72.8	72.8	72.8	72.9	72.9	72.9
79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.6	79.6	79.6
83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.1	84.1	84.1
87.5	87.6	87.7	87.7	87.7	87.7	87.7	87.8	87.8	87.8
89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2
92.9	93.0	93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1
93.8	93.9	93.9	93.9	93.9	93.9	93.9	94.0	94.0	94.0
94.5	94.6	94.7	94.7	94.7	94.7	94.7	94.8	94.8	94.8
95.2	95.3	95.4	95.4	95.4	95.4	95.4	95.5	95.5	95.5
95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.9	95.9	95.9
96.8	96.9	97.0	97.0	97.0	97.0	97.0	97.1	97.1	97.1
97.4	97.6	97.7	97.7	97.8	97.8	97.8	98.0	98.0	98.0
98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.7	98.7	98.7
98.2	98.4	98.5	98.5	98.7	98.7	98.7	98.8	98.8	98.8
98.3	98.5	98.6	98.7	98.8	98.8	98.9	99.0	99.0	99.1
98.3	98.5	98.6	98.9	99.0	99.0	99.2	99.5	99.5	99.7
98.3	98.5	98.6	98.9	99.0	99.0	99.2	99.5	99.5	100.0
98.3	98.5	98.6	98.9	99.0	99.0	99.2	99.5	99.5	100.0

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OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	27.6	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 20000	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 18000	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 16000	32.5	32.5	32.7	32.7	32.7	32.7	32.7	32.7	32.7
GE 14000	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 12000	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
GE 10000	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 9000	40.3	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 8000	43.5	43.5	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 7000	44.0	45.2	45.4	45.4	45.4	45.4	45.4	45.4	45.4
GE 6000	45.8	46.0	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 5000	50.9	51.1	51.3	51.5	51.5	51.5	51.5	51.5	51.5
GE 4500	52.7	52.9	53.1	53.5	53.5	53.5	53.5	53.5	53.5
GE 4000	58.8	59.0	59.2	59.7	59.7	59.7	59.7	59.7	59.7
GE 3500	56.7	57.0	57.2	57.6	57.6	57.6	57.7	57.7	57.7
GE 3000	75.3	75.7	76.3	76.9	77.0	77.0	77.1	77.1	77.1
GE 2500	83.7	84.1	84.8	85.4	85.6	85.6	85.9	85.9	85.9
GE 2000	88.5	88.9	89.7	90.3	90.5	90.5	90.9	90.9	90.9
GE 1800	89.6	90.2	91.0	91.6	91.9	91.9	92.3	92.3	92.3
GE 1500	92.1	93.1	93.9	94.7	95.1	95.1	95.4	95.4	95.4
GE 1200	93.4	94.3	95.1	95.9	96.2	96.2	96.6	96.6	96.6
GE 1000	94.4	95.3	96.1	97.0	97.3	97.3	97.7	97.7	97.7
GE 900	94.5	95.5	96.3	97.2	97.6	97.6	98.1	98.1	98.1
GE 800	94.7	95.6	96.5	97.3	97.7	97.7	98.2	98.2	98.2
GE 700	94.8	95.8	96.8	97.6	98.1	98.1	98.7	98.7	98.7
GE 600	95.3	96.1	97.1	98.1	98.5	98.5	99.4	99.6	99.6
GE 500	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 400	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 300	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 200	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 100	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9
GE 000	95.3	96.1	97.3	98.3	98.7	98.8	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 330

ICY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ON HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 09-11

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7
3	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5
7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
3	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE B
FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MC

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
GE 20000	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 18000	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 16000	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
GE 14000	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 12000	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
GE 10000	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 9000	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 8000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 7000	51.4	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 6000	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 5000	55.0	55.1	55.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 4500	58.3	58.3	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	67.0	67.1	67.3	67.4	67.4	67.4	67.4	67.4	67.4
GE 3500	75.8	75.9	76.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	87.2	87.6	88.1	88.2	88.2	88.2	88.2	88.2	88.2
GE 2500	91.8	92.3	92.8	93.1	93.2	93.2	93.3	93.3	93.3
GE 2000	95.5	96.0	96.6	96.9	97.0	97.0	97.2	97.2	97.2
GE 1800	95.9	96.8	97.3	97.6	97.7	97.7	98.0	98.0	98.0
GE 1500	96.5	97.5	98.2	98.6	98.8	98.8	99.0	99.1	99.1
GE 1200	96.7	97.7	98.4	98.8	99.0	99.0	99.2	99.4	99.4
GE 1000	96.7	97.7	98.4	98.8	99.1	99.1	99.4	99.5	99.5
GE 900	96.7	97.7	98.4	98.8	99.1	99.1	99.5	99.6	99.6
GE 800	96.7	97.7	98.4	98.8	99.1	99.1	99.5	99.6	99.6
GE 700	96.7	97.8	98.5	98.9	99.2	99.2	99.6	99.7	99.7
GE 600	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 500	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 400	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 300	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 200	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 100	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8
GE 000	96.7	97.8	98.5	98.9	99.2	99.2	99.7	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

B

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QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 12-14

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV.

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 18000	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 16000	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 14000	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 12000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 10000	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3
GE 9000	53.2	53.2	53.2	53.2	53.3	53.3	53.3	53.3	53.3
GE 8000	57.9	57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0
GE 7000	60.7	60.7	60.7	60.7	60.8	60.8	60.8	60.8	60.8
GE 6000	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.6
GE 5000	65.8	65.8	65.8	65.8	65.9	65.9	65.9	65.9	65.9
GE 4500	67.2	67.2	67.2	67.2	67.3	67.3	67.3	67.3	67.3
GE 4000	75.6	75.8	75.9	75.9	76.1	76.1	76.1	76.1	76.1
GE 3500	81.8	82.1	82.2	82.2	82.4	82.4	82.4	82.4	82.4
GE 3000	90.9	91.4	91.6	91.6	91.8	91.8	91.8	91.8	91.8
GE 2500	94.6	95.2	95.5	95.6	95.9	95.9	95.9	95.9	95.9
GE 2000	95.3	96.3	97.2	97.5	97.8	97.8	97.8	97.8	97.8
GE 1800	96.0	96.9	97.3	97.6	98.0	98.0	98.0	98.0	98.0
GE 1500	96.4	97.4	97.8	98.3	98.6	98.6	98.6	98.6	98.6
GE 1200	96.8	97.8	98.4	98.8	99.1	99.1	99.1	99.1	99.1
GE 1000	96.9	98.2	98.7	99.1	99.6	99.6	99.6	99.6	99.6
GE 900	96.9	98.2	98.7	99.1	99.7	99.7	99.7	99.7	99.7
GE 800	96.9	98.2	98.7	99.1	99.7	99.7	99.7	99.7	99.7
GE 700	96.9	98.2	98.8	99.2	99.8	99.8	99.8	99.8	99.8
GE 600	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 500	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 400	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 300	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 200	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 100	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0
GE 000	96.9	98.2	98.8	99.5	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 15-17

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION NAME: PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
GE 20000	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 18000	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 16000	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 14000	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 12000	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	54.3	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4
GE 9000	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9
GE 8000	60.1	60.1	60.1	60.1	60.2	60.2	60.2	60.2	60.2
GE 7000	63.0	63.0	63.0	63.0	63.1	63.1	63.1	63.1	63.1
GE 6000	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0
GE 5000	70.3	70.3	70.3	70.3	70.4	70.4	70.4	70.4	70.4
GE 4500	74.1	74.1	74.1	74.1	74.2	74.2	74.2	74.2	74.2
GE 4000	80.9	81.1	81.3	81.3	81.4	81.4	81.4	81.4	81.4
GE 3500	86.3	87.2	87.8	87.8	87.9	87.9	87.9	87.9	87.9
GE 3000	91.6	92.1	92.9	93.0	93.1	93.1	93.1	93.1	93.1
GE 2500	93.4	94.3	95.1	95.3	95.4	95.4	95.4	95.6	95.6
GE 2000	94.9	96.0	96.9	97.0	97.1	97.1	97.1	97.3	97.3
GE 1800	95.3	96.3	97.2	97.4	97.5	97.5	97.5	97.7	97.7
GE 1500	95.8	96.9	97.8	98.1	98.2	98.2	98.3	98.5	98.5
GE 1200	96.0	97.1	98.2	98.7	98.9	98.9	99.0	99.2	99.2
GE 1000	96.1	97.3	98.4	98.9	99.2	99.2	99.5	99.7	99.7
GE 900	96.1	97.3	98.4	98.9	99.2	99.4	99.6	99.8	99.8
GE 800	96.1	97.3	98.4	98.9	99.2	99.4	99.6	99.8	99.8
GE 700	96.1	97.3	98.4	98.9	99.2	99.4	99.6	99.8	99.8
GE 600	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 500	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 400	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 300	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 200	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 100	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9
GE 000	96.1	97.3	98.4	99.0	99.4	99.5	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 927

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY HOURS: 18-20

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
.4	95.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
.1	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
.5	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.0	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.5	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.6	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURRENCE O
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MO

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	4
GE 20000	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	5
GE 18000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	5
GE 16000	53.2	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	5
GE 14000	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5
GE 12000	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	5
GE 10000	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	5
GE 9000	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	5
GE 8000	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	6
GE 7000	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	6
GE 6000	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	6
GE 5000	72.1	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	7
GE 4500	75.0	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	7
GE 4000	82.8	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	8
GE 3500	88.1	88.2	89.1	89.1	89.1	89.1	89.1	89.1	89.1	8
GE 3000	93.1	93.2	94.1	94.1	94.1	94.1	94.1	94.1	94.1	9
GE 2500	94.2	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	9
GE 2000	95.8	95.9	97.0	97.0	97.1	97.1	97.1	97.1	97.1	9
GE 1800	96.0	96.1	97.2	97.2	97.3	97.3	97.3	97.3	97.3	9
GE 1500	97.2	97.3	98.5	98.5	98.8	98.8	98.8	98.8	98.8	9
GE 1200	97.8	98.0	99.1	99.2	99.6	99.6	99.6	99.6	99.6	9
GE 1000	98.1	98.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	9
GE 900	98.1	98.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	9
GE 800	98.1	98.2	99.4	99.5	99.8	99.8	99.8	99.8	99.8	9
GE 700	98.1	98.2	99.4	99.6	99.9	99.9	99.9	99.9	99.9	9
GE 600	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 500	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 400	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 300	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 200	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 100	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10
GE 000	98.2	98.3	99.5	99.7	100.0	100.0	100.0	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS 927

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: 21-23

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
9.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
2.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
3.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
4.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
6.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
9.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
1.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
4.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
6.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
8.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
2.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
5.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
3.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
9.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
4.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
5.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
7.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
7.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
8.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
9.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0.0	100.0	100.0	100.0	100.0	100.	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — F
LST TO UTC: + 8 — M

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	36.6	36.6	36.7	36.7	36.8	36.9	36.8	36.8	36.8
GE 20000	41.4	41.5	41.5	41.5	41.6	41.6	41.6	41.6	41.7
GE 18000	41.7	41.8	41.9	41.9	42.0	42.0	42.0	42.0	42.0
GE 16000	41.8	41.9	42.0	42.0	42.1	42.1	42.1	42.1	42.1
GE 14000	43.6	43.7	43.8	43.8	43.9	43.9	43.9	43.9	43.9
GE 12000	45.3	45.4	45.5	45.5	45.6	45.6	45.6	45.6	45.6
GE 10000	48.9	49.0	49.0	49.1	49.2	49.2	49.2	49.2	49.2
GE 9000	52.2	53.3	53.4	53.4	53.5	53.5	53.5	53.5	53.5
GE 8000	53.4	53.5	53.5	53.6	53.7	53.7	53.7	53.7	53.7
GE 7000	55.7	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1
GE 6000	57.1	57.2	57.3	57.4	57.5	57.5	57.5	57.5	57.5
GE 5000	61.8	62.0	62.1	62.2	62.3	62.3	62.3	62.3	62.4
GE 4500	65.0	65.2	65.4	65.5	65.6	65.6	65.6	65.6	65.7
GE 4000	72.3	72.5	72.9	73.0	73.2	73.2	73.2	73.2	73.2
GE 3500	78.6	78.9	79.4	79.5	79.8	79.8	79.	79.8	79.8
GE 3000	85.6	86.1	86.7	86.9	87.1	87.1	87.2	87.2	87.2
GE 2500	89.3	89.8	90.6	90.9	91.1	91.1	91.2	91.2	91.2
GE 2000	92.1	92.7	93.5	93.8	94.1	94.1	94.2	94.2	94.2
GE 1800	92.9	93.6	94.4	94.7	95.0	95.0	95.1	95.1	95.1
GE 1500	94.5	95.3	96.1	96.6	96.9	96.9	97.0	97.1	97.1
GE 1200	95.2	96.0	96.9	97.4	97.7	97.7	97.8	97.9	97.9
GE 1000	95.5	96.4	97.3	97.8	98.1	98.2	98.3	98.4	98.4
GE 900	95.5	96.5	97.4	98.0	98.3	98.4	98.6	98.6	98.7
GE 800	95.7	96.6	97.6	98.1	98.5	98.5	98.7	98.8	98.8
GE 700	95.9	96.8	97.8	98.4	98.8	98.8	99.0	99.1	99.1
GE 600	96.0	97.0	98.0	98.6	99.0	99.0	99.3	99.4	99.4
GE 500	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 400	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 300	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 200	96.1	97.1	98.1	98.8	99.2	99.3	99.6	99.7	99.7
GE 100	96.1	97.1	98.1	98.8	99.3	99.3	99.6	99.7	99.7
GE 000	96.1	97.1	98.1	98.8	99.3	99.3	99.6	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 7432

A

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS: ALL

IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.8	36.3	36.4	36.8	36.8	36.8	36.8	36.8	36.8	36.9
.5	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0
.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.6	43.6
.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
.5	65.6	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.9	79.9
.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
.2	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3
.2	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3
.1	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	98.0	98.0
.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.9	98.9
.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2	99.2	99.2
.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8
.5	99.7	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8
.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.6	99.7	99.7	99.8	99.8	99.8	99.8	99.9	99.9	99.9
.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0
.6	99.7	99.7	99.8	99.8	99.8	99.9	99.9	99.9	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	51.1	51.2	51.6	51.6	51.6	51.7	51.7	51.7	51.7	
GE 20000	53.5	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 18000	53.5	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 16000	53.5	53.7	54.0	54.0	54.0	54.1	54.1	54.1	54.1	
GE 14000	54.1	54.2	54.5	54.6	54.6	54.7	54.7	54.7	54.7	
GE 12000	55.1	55.2	55.5	55.6	55.6	55.7	55.7	55.7	55.7	
GE 10000	58.0	58.1	58.4	58.4	58.4	58.5	58.5	58.6	58.6	
GE 9000	58.1	58.2	58.5	58.5	58.5	58.7	58.7	58.7	58.7	
GE 8000	61.0	61.2	61.6	61.6	61.6	61.7	61.7	61.7	61.7	
GE 7000	62.6	62.8	63.1	63.1	63.1	63.2	63.2	63.2	63.2	
GE 6000	63.7	64.0	64.4	64.4	64.4	64.6	64.6	64.6	64.6	
GE 5000	69.4	69.8	70.3	70.3	70.3	70.4	70.4	70.4	70.4	
GE 4500	74.5	74.8	75.4	75.4	75.4	75.5	75.5	75.5	75.5	
GE 4000	81.7	82.2	82.8	82.9	82.9	83.0	83.0	83.0	83.0	
GE 3500	84.9	85.4	86.0	86.1	86.1	86.2	86.2	86.2	86.2	
GE 3000	88.2	88.8	89.3	89.4	89.4	89.6	89.6	89.6	89.6	
GE 2500	90.3	91.0	91.6	91.7	91.8	91.9	91.9	91.9	91.9	
GE 2000	92.9	93.5	94.1	94.4	94.8	94.9	94.9	94.9	94.9	
GE 1800	93.2	93.9	94.4	94.8	95.1	95.2	95.2	95.2	95.2	
GE 1500	94.8	95.4	96.0	96.6	97.0	97.1	97.1	97.1	97.1	
GE 1200	95.4	96.1	96.7	97.2	97.7	97.8	97.8	97.8	97.8	
GE 1000	96.0	96.5	97.1	97.9	98.3	98.4	98.4	98.4	98.4	
GE 900	96.1	96.6	97.1	98.0	98.7	98.8	98.8	98.8	98.8	
GE 800	96.3	96.5	97.1	98.0	98.7	98.8	98.8	98.8	98.8	
GE 700	96.9	96.6	97.1	98.0	98.7	98.8	98.8	98.8	98.8	
GE 600	96.0	96.7	97.2	98.1	98.8	98.9	98.9	98.9	98.9	
GE 500	96.0	96.7	97.2	98.7	99.4	99.5	99.6	99.6	99.6	
GE 400	96.0	96.7	97.2	98.7	99.4	99.5	99.5	99.5	99.5	
GE 300	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	
GE 200	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	
GE 100	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	
GE 000	96.0	96.7	97.2	98.7	99.4	99.6	99.7	99.7	99.7	

TOTAL NUMBER OF OBSERVATIONS 900

A

D - 2 - 46

...ACY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...24 HOURLY OBSERVATIONS

...MINSTON PERIOD OF RECORD: JUN 76 - MAY 88
MONTH: JUN HOURS: 20-02

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
?	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
2	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
3	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
5	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
8	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
5	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
8	98.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
9	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
5	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	38.6	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 20000	42.3	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 18000	42.3	42.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 16000	42.3	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 14000	42.3	43.4	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 12000	44.1	44.7	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 10000	46.9	47.4	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 9000	47.0	47.5	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 8000	50.2	50.8	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 7000	51.0	51.6	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 6000	51.8	52.3	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 5000	53.1	58.7	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	62.7	63.4	63.9	64.0	64.0	64.0	64.0	64.0	64.0
GE 4000	69.5	70.1	70.7	70.8	70.8	70.8	70.8	70.8	70.8
GE 3500	74.7	75.4	76.0	76.2	76.3	76.3	76.3	76.3	76.3
GE 3000	77.9	78.8	79.3	79.7	79.8	79.8	79.8	79.8	79.8
GE 2500	82.3	83.4	84.2	84.7	84.8	84.8	84.8	84.8	84.8
GE 2000	87.7	88.1	88.2	88.7	88.9	88.9	88.9	88.9	88.9
GE 1800	88.3	89.8	90.9	91.3	91.6	91.6	91.6	91.6	91.6
GE 1500	91.2	92.7	93.8	94.4	94.7	94.7	94.7	94.7	94.7
GE 1200	92.2	93.7	94.9	95.4	95.7	95.7	95.7	95.7	95.7
GE 1000	92.8	94.2	95.8	96.4	96.7	96.7	96.7	96.7	96.7
GE 900	93.1	94.6	96.1	96.8	97.0	97.1	97.1	97.1	97.1
GE 800	93.1	94.6	96.1	96.8	97.0	97.1	97.1	97.1	97.1
GE 700	93.6	95.0	96.6	97.2	97.4	97.6	97.6	97.6	97.6
GE 600	93.8	95.3	97.1	97.8	98.0	98.1	98.1	98.1	98.1
GE 500	94.0	95.6	97.6	98.2	98.4	98.6	98.7	98.8	98.8
GE 400	94.2	95.8	97.9	98.7	98.9	99.1	99.2	99.3	99.3
GE 300	94.3	95.9	98.0	98.8	99.0	99.2	99.3	99.4	99.4
GE 200	94.3	95.9	98.0	98.8	99.0	99.2	99.3	99.4	99.4
GE 100	94.3	95.9	98.0	98.8	99.0	99.2	99.4	99.7	99.7
GE 000	94.3	95.9	98.0	98.8	99.0	99.2	99.4	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 03-05

T IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
39.4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6
43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4
43.9	43.9	43.9	44.0	44.0	44.0	44.0	44.0	44.0	44.0
45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
47.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0
48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
51.2	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3
52.0	52.0	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1
52.8	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
70.8	70.8	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9
76.3	76.3	76.3	76.4	76.4	76.4	76.4	76.4	76.4	76.4
79.8	79.8	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9
84.8	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
90.9	90.9	90.9	91.0	91.0	91.0	91.0	91.0	91.0	91.0
91.6	91.6	91.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7
94.7	94.7	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3
97.6	97.6	97.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.8	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.4	99.4	99.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	34.4	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 20000	38.8	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 18000	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 14000	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 12000	40.8	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 10000	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 9000	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
GE 8000	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 7000	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 6000	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 5000	56.7	56.8	56.8	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	61.1	61.2	61.2	61.5	61.6	61.5	61.5	61.6	61.6
GE 4000	67.1	67.2	67.3	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	71.8	71.9	72.1	72.6	72.7	72.8	72.8	72.8	72.8
GE 3000	75.9	76.1	76.8	77.3	77.4	77.5	77.6	77.6	77.6
GE 2500	81.1	81.3	82.4	83.1	83.2	83.3	83.3	83.3	83.3
GE 2000	85.1	85.3	87.4	88.1	88.7	88.8	89.0	89.0	89.0
GE 1800	86.8	87.0	88.4	89.1	89.7	89.8	90.0	90.0	90.0
GE 1500	89.7	89.9	91.4	92.2	92.8	92.9	93.1	93.2	93.2
GE 1200	90.7	91.0	92.6	93.4	94.0	94.1	94.3	94.4	94.4
GE 1000	92.0	92.4	94.2	95.1	95.9	96.0	96.2	96.3	96.3
GE 900	92.0	92.4	94.2	95.1	96.0	96.2	96.4	96.6	96.6
GE 800	92.3	92.8	94.6	95.4	96.3	96.7	96.9	97.1	97.1
GE 700	92.4	92.9	94.8	95.7	96.6	96.9	97.1	97.3	97.3
GE 600	92.4	92.9	94.8	96.0	97.1	97.4	97.7	97.9	97.9
GE 500	92.5	93.1	95.0	96.4	97.6	98.0	98.3	98.6	98.6
GE 400	92.7	93.2	95.2	96.8	97.9	98.3	98.7	98.9	98.9
GE 300	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2
GE 200	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2
GE 100	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2
GE 000	92.7	93.2	95.2	96.8	98.0	98.6	99.0	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
OM HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUN HOURS: 06-09

M STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7
9	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0
1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2
3	39.3	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4
4	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	39.6
9	40.9	40.9	41.0	41.0	41.0	41.0	41.0	41.0	41.0
7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8
5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
7	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
2	50.2	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2
5	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8
8	72.8	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
6	77.6	77.6	77.7	77.7	77.7	77.7	77.7	77.7	77.7
3	83.3	83.3	83.4	83.4	83.4	83.4	83.4	83.4	83.4
0	89.0	89.0	89.1	89.1	89.1	89.1	89.1	89.1	89.1
0	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
1	93.2	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
3	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6
2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
9	97.1	97.1	97.4	97.4	97.4	97.4	97.4	97.4	97.4
1	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
7	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2
3	98.6	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0
7	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
0	99.2	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	34.8	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	39.0	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6
GE 18000	39.2	39.7	39.7	39.8	39.8	39.8	39.8	39.8	39.8
GE 16000	39.4	39.9	39.9	40.0	40.0	40.0	40.0	40.0	40.0
GE 14000	40.7	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2
GE 12000	41.8	42.2	42.2	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	43.2	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 9000	43.2	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8
GE 8000	46.1	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7
GE 7000	46.8	47.2	47.3	47.4	47.4	47.4	47.4	47.4	47.4
GE 6000	48.0	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7
GE 5000	51.0	51.4	51.6	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500	53.3	54.2	54.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	60.6	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 3500	69.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3
GE 3000	77.3	77.8	78.2	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	85.7	86.3	86.9	87.1	87.2	87.6	87.6	87.6	87.6
GE 2000	89.4	90.1	90.9	91.1	91.4	91.8	91.9	91.9	91.9
GE 1800	90.3	91.0	91.8	92.0	92.3	92.7	92.8	92.8	92.8
GE 1500	93.1	93.8	94.7	95.0	95.4	95.8	95.9	95.9	95.9
GE 1200	94.8	95.4	96.6	96.9	97.3	97.7	97.8	97.8	97.8
GE 1000	94.9	95.8	96.9	97.2	98.0	98.3	98.4	98.4	98.4
GE 900	94.9	95.8	97.0	97.3	98.1	98.4	98.6	98.6	98.6
GE 800	94.9	95.8	97.0	97.3	98.1	98.4	98.6	98.6	98.6
GE 700	94.9	95.8	97.4	97.9	98.8	99.2	99.3	99.3	99.3
GE 600	94.9	95.9	97.6	98.0	99.0	99.4	99.6	99.6	99.6
GE 500	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 400	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 300	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 200	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 100	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8
GE 000	94.9	95.9	97.6	98.0	99.1	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUN HOURS: 09-11

IN STATUTE MILES

E 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.0
.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
.5	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6
.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.6	98.6	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
.3	99.3	99.3	99.4	99.6	99.6	99.6	99.6	99.6	99.6
.6	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — P
LST TO UTC: + 8 — M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	37.4	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 20000	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
GE 18000	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 16000	44.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 14000	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	46.3	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
GE 10000	49.7	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 9000	50.0	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 8000	53.4	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 7000	54.9	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 6000	55.8	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 5000	59.4	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 4500	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 4000	70.7	71.1	71.1	71.1	71.2	71.2	71.2	71.2	71.2
GE 3500	80.3	80.3	80.8	80.9	81.0	81.0	81.0	81.0	81.0
GE 3000	89.2	89.8	89.8	89.9	90.0	90.0	90.0	90.0	90.0
GE 2500	93.3	94.0	94.0	94.3	94.4	94.6	94.6	94.6	94.6
GE 2000	94.7	95.3	95.6	95.9	96.0	96.1	96.1	96.1	96.1
GE 1800	94.9	95.6	95.8	96.1	96.2	96.3	96.4	96.4	96.4
GE 1500	95.8	96.4	97.0	97.4	97.6	97.8	97.9	97.9	97.9
GE 1200	96.2	96.9	97.7	98.1	98.2	98.4	98.6	98.6	98.6
GE 1000	96.2	96.9	97.7	98.2	98.6	98.8	99.0	99.0	99.0
GE 900	96.2	96.9	97.7	98.2	98.6	98.8	99.0	99.0	99.0
GE 800	96.4	97.1	97.9	98.4	98.8	99.0	99.2	99.2	99.2
GE 700	96.4	97.1	98.0	98.6	99.1	99.4	99.7	99.7	99.7
GE 600	96.4	97.1	98.0	98.6	99.1	99.4	99.7	99.7	99.7
GE 500	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 400	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 300	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 200	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 100	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9
GE 000	96.4	97.1	98.0	98.6	99.1	99.4	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

A

D - 2 - 50

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
JM HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 12-14

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
8	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
GE 20000	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 18000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 16000	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 14000	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 12000	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 10000	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 7000	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 6000	63.6	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 5000	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4000	81.1	81.2	81.4	81.4	81.6	81.6	81.6	81.6	81.6
GE 3500	86.8	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2
GE 3000	93.1	93.3	93.6	93.7	93.8	93.8	93.8	93.8	93.8
GE 2500	95.0	95.2	95.4	95.6	95.7	95.7	95.7	95.7	95.7
GE 2000	97.1	97.3	97.8	98.1	98.3	98.3	98.4	98.4	98.4
GE 1800	97.2	97.6	98.0	98.3	98.6	98.6	98.7	98.7	98.7
GE 1500	97.6	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2
GE 1200	97.6	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2
GE 1000	97.6	98.1	98.6	98.9	99.1	99.1	99.2	99.2	99.2
GE 900	97.6	98.1	98.6	98.9	99.1	99.1	99.6	99.6	99.6
GE 800	97.7	98.2	98.7	99.0	99.2	99.2	99.7	99.7	99.7
GE 700	97.7	98.2	98.7	99.0	99.2	99.2	99.7	99.7	99.7
GE 600	97.7	98.2	98.7	99.0	99.2	99.2	99.7	99.7	99.7
GE 500	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 400	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 300	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 200	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 100	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0
GE 000	97.7	98.2	98.7	99.2	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

A

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 15-17

IN STATUTE MILES

	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
.5	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE O
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: + 8 — MC

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.3	48.3	48.3	48.3	48.3	48.3	48.6	48.6	48.6
GE 20000	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9
GE 18000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 16000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9
GE 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3
GE 10000	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
GE 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4
GE 8000	67.4	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.7
GE 7000	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1
GE 6000	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8
GE 5000	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
GE 4500	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
GE 4000	87.3	87.3	87.4	87.6	87.6	87.6	87.8	87.8	87.8
GE 3500	92.2	92.2	92.3	92.6	92.6	92.6	92.8	92.8	92.8
GE 3000	95.0	95.0	95.2	95.4	95.4	95.4	95.7	95.7	95.7
GE 2500	97.0	97.1	97.6	97.9	97.9	97.9	98.1	98.1	98.1
GE 2000	97.3	97.4	97.9	98.2	98.2	98.2	98.4	98.4	98.4
GE 1800	97.4	97.6	98.0	98.3	98.3	98.3	98.6	98.6	98.6
GE 1500	97.6	97.7	98.1	98.4	98.4	98.4	98.7	98.7	98.7
GE 1200	97.6	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 1000	97.6	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 900	97.6	97.7	98.1	98.4	98.7	98.7	99.3	99.3	99.3
GE 800	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 700	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 600	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 500	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 400	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 300	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 200	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 100	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 000	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE C
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 72285 — STATION NAME: MCCHORD AFB WASHINGTON — PE
LST IN UTC: +8 — MC

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.3	48.3	48.3	48.3	48.3	48.3	48.6	48.6	48.6
GE 20000	52.7	52.7	52.7	52.7	52.7	52.7	52.9	52.9	52.9
GE 18000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 16000	52.9	52.9	52.9	52.9	52.9	52.9	53.1	53.1	53.1
GE 14000	55.7	55.7	55.7	55.7	55.7	55.7	55.9	55.9	55.9
GE 12000	57.1	57.1	57.1	57.1	57.1	57.1	57.3	57.3	57.3
GE 10000	60.3	60.3	60.3	60.3	60.3	60.3	60.6	60.6	60.6
GE 9000	61.2	61.2	61.2	61.2	61.2	61.2	61.4	61.4	61.4
GE 8000	67.4	67.4	67.4	67.4	67.4	67.4	67.7	67.7	67.7
GE 7000	68.9	68.9	68.9	68.9	68.9	68.9	69.1	69.1	69.1
GE 6000	70.6	70.6	70.6	70.6	70.6	70.6	70.8	70.8	70.8
GE 5000	77.6	77.6	77.6	77.6	77.6	77.6	77.8	77.8	77.8
GE 4500	82.4	82.4	82.4	82.4	82.4	82.4	82.7	82.7	82.7
GE 4000	87.3	87.3	87.4	87.6	87.6	87.6	87.8	87.8	87.8
GE 3500	92.2	92.2	92.3	92.5	92.5	92.5	92.8	92.8	92.8
GE 3000	95.0	95.0	95.2	95.4	95.4	95.4	95.7	95.7	95.7
GE 2500	97.0	97.1	97.5	97.9	97.9	97.9	98.1	98.1	98.1
GE 2000	97.3	97.4	97.9	98.2	98.2	98.2	98.4	98.4	98.4
GE 1800	97.4	97.5	98.0	98.3	98.3	98.3	98.5	98.6	98.6
GE 1500	97.5	97.7	98.1	98.4	98.4	98.4	98.7	98.7	98.7
GE 1200	97.5	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 1000	97.5	97.7	98.1	98.4	98.7	98.7	99.0	99.0	99.0
GE 900	97.5	97.7	98.1	98.4	98.7	98.7	99.3	99.3	99.3
GE 800	97.5	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 700	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 600	97.6	97.7	98.1	98.4	98.7	98.8	99.4	99.4	99.4
GE 500	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 400	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 300	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 200	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 100	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7
GE 000	97.6	97.7	98.1	98.6	98.9	99.0	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: +8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	53.4	53.4	53.4	53.4	53.7	53.7	53.8	53.8	53.8	
GE 20000	57.3	57.3	57.3	57.3	57.5	57.5	57.7	57.7	57.7	
GE 18000	57.5	57.6	57.6	57.6	57.8	57.8	57.9	57.9	57.9	
GE 16000	57.6	57.6	57.6	57.6	57.8	57.8	57.9	57.9	57.9	
GE 14000	58.7	58.7	58.7	58.7	58.9	58.9	59.0	59.0	59.0	
GE 12000	59.9	59.9	59.9	59.9	60.1	60.1	60.2	60.2	60.2	
GE 10000	62.4	62.4	62.4	62.4	62.7	62.7	62.8	62.8	62.8	
GE 9000	62.3	62.3	62.3	62.3	63.1	63.1	63.2	63.2	63.2	
GE 8000	67.7	67.7	67.7	67.7	67.9	67.9	68.0	68.0	68.0	
GE 7000	69.7	69.7	69.7	69.7	69.9	69.9	70.0	70.0	70.0	
GE 6000	70.7	70.7	70.7	70.7	70.9	70.9	71.0	71.0	71.0	
GE 5000	78.2	78.2	78.2	78.6	78.8	78.8	78.9	78.9	78.9	
GE 4500	82.4	82.4	82.4	82.8	83.0	83.0	83.1	83.1	83.1	
GE 4000	87.4	87.4	87.6	87.9	88.1	88.1	88.2	88.2	88.2	
GE 3500	91.9	92.0	92.2	92.6	92.8	92.8	92.9	92.9	92.9	
GE 3000	94.7	94.9	95.1	95.4	95.7	95.7	95.8	95.8	95.8	
GE 2500	95.7	95.9	96.2	96.6	96.9	96.9	97.0	97.0	97.0	
GE 2000	96.2	96.4	97.0	97.3	97.7	97.7	97.8	97.8	97.8	
GE 1800	96.2	96.4	97.0	97.3	97.9	97.9	98.0	98.0	98.0	
GE 1500	96.7	96.9	97.4	98.1	98.7	98.7	98.8	98.8	98.8	
GE 1200	96.8	97.0	97.6	98.2	98.9	98.9	99.0	99.0	99.0	
GE 1000	96.8	97.0	97.6	98.2	98.9	98.9	99.0	99.0	99.0	
GE 900	96.8	97.0	97.6	98.2	98.9	98.9	99.1	99.1	99.1	
GE 800	96.8	97.0	97.6	98.2	98.9	98.9	99.1	99.1	99.1	
GE 700	96.8	97.1	97.7	98.3	99.0	99.0	99.2	99.2	99.2	
GE 600	96.8	97.1	97.7	98.3	99.0	99.0	99.2	99.2	99.2	
GE 500	96.8	97.1	97.8	98.3	99.6	99.6	99.8	99.8	99.8	
GE 400	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	
GE 300	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	
GE 200	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	1
GE 100	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	1
GE 000	96.8	97.1	97.8	98.8	99.6	99.6	99.8	99.8	99.8	1

TOTAL NUMBER OF OBSERVATIONS 900

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

STATION PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: 21-23

IN STATUTE MILES

FT	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
.8	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9	57.9
.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
.4	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
.5	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.4	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	42.6	42.8	42.8	42.9	42.9	42.9	42.9	42.9	42.9	
GE 20000	47.2	47.4	47.5	47.5	47.6	47.6	47.6	47.6	47.6	
GE 18000	47.5	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	
GE 16000	47.6	47.7	47.8	47.8	47.9	47.9	47.9	47.9	47.9	
GE 14000	48.7	48.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	
GE 12000	49.7	49.9	50.0	50.0	50.1	50.1	50.1	50.1	50.1	
GE 10000	52.4	52.6	52.7	52.7	52.7	52.8	52.8	52.8	52.8	
GE 9000	52.7	52.9	53.0	53.0	53.0	53.0	53.1	53.1	53.1	
GE 8000	56.8	57.0	57.1	57.1	57.2	57.2	57.2	57.2	57.2	
GE 7000	58.1	58.3	58.4	58.5	58.5	58.5	58.5	58.5	58.5	
GE 6000	59.3	59.5	59.6	59.7	59.7	59.7	59.7	59.7	59.7	
GE 5000	64.9	65.1	65.3	65.4	65.4	65.5	65.5	65.5	65.5	
GE 4500	67.4	67.5	67.8	67.9	67.9	67.9	70.0	70.0	70.0	
GE 4000	75.7	76.0	76.2	76.3	76.4	76.4	76.4	76.4	76.4	
GE 3500	81.5	81.8	82.1	82.3	82.4	82.4	82.4	82.4	82.4	
GE 3000	86.4	86.8	87.2	87.4	87.5	87.5	87.6	87.6	87.6	
GE 2500	90.1	90.5	91.0	91.4	91.5	91.5	91.6	91.6	91.6	
GE 2000	92.6	93.2	93.9	94.2	94.5	94.5	94.7	94.7	94.7	
GE 1800	93.1	93.6	94.3	94.7	95.0	95.0	95.2	95.2	95.2	
GE 1500	94.5	95.1	95.9	96.4	96.7	96.8	96.9	96.9	96.9	
GE 1200	95.2	95.7	96.5	97.1	97.4	97.5	97.7	97.7	97.7	
GE 1000	95.5	96.1	97.0	97.6	98.0	98.1	98.3	98.3	98.3	
GE 900	95.5	96.1	97.0	97.6	98.1	98.3	98.5	98.5	98.5	
GE 800	95.6	96.2	97.1	97.7	98.2	98.4	98.6	98.6	98.6	
GE 700	95.7	96.3	97.3	97.9	98.4	98.6	98.8	98.9	98.9	
GE 600	95.7	96.4	97.4	98.0	98.6	98.8	99.0	99.1	99.1	
GE 500	95.7	96.4	97.5	98.3	99.0	99.2	99.4	99.5	99.5	
GE 400	95.8	96.5	97.6	98.4	99.1	99.3	99.5	99.6	99.6	
GE 300	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7	
GE 200	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7	1
GE 100	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7	1
GE 000	95.8	96.5	97.6	98.4	99.1	99.3	99.6	99.7	99.7	1

TOTAL NUMBER OF OBSERVATIONS 7200

A

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN HOURS: ALL

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	42.9	42.9	43.0	43.0	43.0	43.0	43.0	43.0	43.0	
.5	47.5	47.5	47.7	47.7	47.7	47.7	47.7	47.7	47.7	
.9	47.8	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	
.9	47.9	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	
.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	
.1	50.1	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	
.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	
.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	
.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	
.5	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6	
.7	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	
.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	
.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	
.4	76.4	76.4	76.5	76.5	76.5	76.5	76.5	76.5	76.5	
.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	
.5	87.5	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	
.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	
.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	
.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	
.9	96.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	
.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	
.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	
.5	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	
.6	98.6	98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	
.8	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	
.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	
.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
.5	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.6	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.6	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	56.3	56.5	57.1	57.1	57.2	57.2	57.2	57.2	57.2
GE 20000	58.7	58.9	59.5	59.5	59.6	59.6	59.6	59.6	59.6
GE 18000	58.9	59.1	59.7	59.7	59.8	59.8	59.8	59.8	59.8
GE 16000	58.9	59.1	59.7	59.7	59.8	59.8	59.8	59.8	59.8
GE 14000	59.6	59.8	60.3	60.3	60.4	60.4	60.4	60.4	60.4
GE 12000	60.2	60.4	61.1	61.1	61.2	61.2	61.2	61.2	61.2
GE 10000	62.4	62.6	63.2	63.2	63.3	63.3	63.3	63.3	63.3
GE 9000	62.4	62.6	63.2	63.2	63.3	63.3	63.3	63.3	63.3
GE 8000	65.9	66.1	66.9	66.9	67.0	67.0	67.0	67.0	67.0
GE 7000	66.9	67.1	67.8	67.8	68.0	68.0	68.0	68.0	68.0
GE 6000	68.0	68.2	68.9	68.9	69.0	69.0	69.0	69.0	69.0
GE 5000	72.5	72.7	73.5	73.5	73.7	73.7	73.7	73.7	73.7
GE 4500	74.3	75.1	75.9	75.9	76.0	76.0	76.0	76.0	76.0
GE 4000	78.2	78.4	79.2	79.2	79.4	79.4	79.4	79.4	79.4
GE 3500	82.9	83.1	84.1	84.1	84.2	84.2	84.2	84.2	84.2
GE 3000	87.1	87.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5
GE 2500	89.5	89.7	90.6	90.6	90.9	90.9	90.9	90.9	90.9
GE 2000	92.5	92.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9
GE 1800	92.8	93.0	94.0	94.0	94.2	94.2	94.2	94.2	94.2
GE 1500	94.4	94.6	95.6	95.7	95.9	95.9	95.9	95.9	95.9
GE 1200	95.6	95.9	96.9	97.0	97.2	97.2	97.2	97.2	97.2
GE 1000	97.4	97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2
GE 900	97.4	97.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2
GE 800	97.7	98.2	99.1	99.4	99.6	99.6	99.6	99.6	99.6
GE 700	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 600	98.1	98.6	99.5	99.8	100.0	100.0	100.0	100.0	100.0
GE 500	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	98.6	99.6	99.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 00-02

IN STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
.3	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
.3	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9	93.9
.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2	94.2
.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	43.4	44.5	44.9	44.9	45.2	45.2	45.3	45.3	45.3
GE 20000	45.2	46.2	46.7	46.7	46.9	46.9	47.0	47.0	47.0
GE 18000	45.3	46.3	46.8	46.8	47.0	47.0	47.1	47.1	47.1
GE 16000	45.3	46.3	46.8	46.8	47.0	47.0	47.1	47.1	47.1
GE 14000	45.3	47.8	48.3	48.3	48.5	48.5	48.6	48.6	48.6
GE 12000	48.4	49.5	49.9	49.9	50.1	50.1	50.2	50.2	50.2
GE 10000	51.4	52.5	52.9	52.9	53.1	53.1	53.2	53.2	53.2
GE 9000	51.5	52.7	53.1	53.1	53.3	53.3	53.4	53.4	53.4
GE 8000	54.4	55.5	56.0	56.0	56.2	56.2	56.5	56.5	56.5
GE 7000	55.1	56.2	56.7	56.7	56.9	56.9	57.1	57.1	57.1
GE 6000	56.8	58.0	58.4	58.4	58.6	58.6	58.8	58.8	58.8
GE 5000	61.2	62.4	62.8	62.9	63.1	63.1	63.3	63.3	63.3
GE 4500	64.5	65.8	66.2	66.3	66.5	66.6	66.8	66.8	66.8
GE 4000	68.3	69.5	69.9	70.0	70.2	70.2	70.4	70.4	70.4
GE 3500	71.2	72.4	72.8	72.9	73.1	73.1	73.3	73.3	73.3
GE 3000	74.5	75.9	76.5	76.7	77.0	77.0	77.2	77.2	77.2
GE 2500	77.7	79.2	79.8	80.0	80.3	80.3	80.5	80.5	80.5
GE 2000	80.5	82.2	82.7	82.9	83.2	83.2	83.4	83.5	83.5
GE 1800	81.2	82.7	83.2	83.4	83.8	83.8	84.0	84.1	84.1
GE 1500	85.3	87.3	88.0	88.2	88.5	88.5	88.7	88.8	88.8
GE 1200	87.6	89.1	89.8	90.0	90.3	90.3	90.5	90.6	90.6
GE 1000	90.0	91.5	92.2	92.4	92.7	92.7	92.9	93.0	93.0
GE 900	90.1	91.7	92.4	92.6	92.9	92.9	93.1	93.2	93.2
GE 800	91.3	92.9	93.7	93.9	94.2	94.3	94.5	94.6	94.6
GE 700	91.3	93.3	94.5	94.7	95.1	95.2	95.4	95.5	95.5
GE 600	92.5	94.5	95.6	96.0	96.6	96.7	96.9	97.0	97.0
GE 500	93.1	94.9	96.2	96.7	97.2	97.4	97.6	97.7	97.7
GE 400	93.2	95.2	96.3	97.2	98.1	98.3	98.6	98.7	98.7
GE 300	93.4	95.4	97.0	97.4	98.3	98.5	98.8	99.0	99.0
GE 200	93.4	95.4	97.0	97.5	98.4	98.6	98.9	99.1	99.1
GE 100	93.4	95.4	97.0	97.5	98.4	98.6	98.9	99.1	99.1
GE 000	93.4	95.4	97.0	97.5	98.4	98.6	98.9	99.1	99.1

TOTAL NUMBER OF OBSERVATIONS 930

A

D - 2 - 56

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
1 HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUL HOURS: 03-05

CEILING IN HUNDREDS OF FEET	STATUTE MILES GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	45.3	45.3	45.3	45.3	45.3	45.4	45.5	45.5	45.5
	47.0	47.0	47.0	47.0	47.0	47.1	47.2	47.2	47.2
	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.3
	47.1	47.1	47.1	47.1	47.1	47.2	47.3	47.3	47.3
	48.6	48.6	48.6	48.6	48.6	48.7	48.8	48.8	48.8
	50.2	50.2	50.2	50.2	50.2	50.3	50.4	50.4	50.4
	53.2	53.2	53.2	53.2	53.2	53.3	53.4	53.4	53.4
	53.4	53.4	53.4	53.4	53.4	53.5	53.7	53.7	53.7
	56.5	56.5	56.5	56.5	56.5	56.6	56.7	56.7	56.7
	57.1	57.1	57.1	57.1	57.1	57.2	57.3	57.3	57.3
	58.8	58.8	58.8	58.8	58.8	58.9	59.0	59.0	59.0
	63.3	63.3	63.3	63.3	63.3	63.4	63.5	63.5	63.5
	66.8	66.8	66.8	66.8	66.8	66.9	67.0	67.0	67.0
	70.4	70.4	70.4	70.4	70.4	70.5	70.6	70.6	70.6
	73.3	73.3	73.3	73.3	73.3	73.4	73.5	73.5	73.5
	77.2	77.2	77.2	77.2	77.2	77.3	77.4	77.4	77.4
	80.5	80.5	80.5	80.5	80.5	80.6	80.9	80.8	80.8
	83.5	83.5	83.5	83.5	83.5	83.7	83.8	83.8	83.8
	84.1	84.1	84.1	84.1	84.1	84.2	84.3	84.3	84.3
	88.8	88.8	88.8	88.8	88.8	88.9	89.0	89.0	89.0
	90.6	90.6	90.6	90.6	90.6	90.8	90.9	90.9	90.9
	93.0	93.0	93.0	93.0	93.0	93.1	93.2	93.2	93.2
	93.2	93.2	93.2	93.2	93.2	93.3	93.4	93.4	93.4
	94.6	94.6	94.6	94.6	94.6	94.7	94.8	94.8	94.8
	95.5	95.5	95.5	95.5	95.5	95.6	95.7	95.7	95.7
	97.0	97.0	97.0	97.0	97.0	97.1	97.2	97.2	97.2
	97.7	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0
	98.7	98.7	98.7	98.7	98.7	98.8	98.9	98.9	98.9
	99.0	99.0	99.1	99.2	99.2	99.4	99.5	99.5	99.5
	99.1	99.1	99.2	99.4	99.4	99.5	99.6	99.8	99.8
	99.1	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0
	99.1	99.1	99.2	99.5	99.5	99.7	99.8	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	36.2	36.6	36.9	36.9	37.0	37.1	37.1	37.1	37.1
GE 20000	38.6	38.9	39.2	39.2	39.4	39.5	39.5	39.5	39.5
GE 18000	38.7	39.0	39.4	39.4	39.5	39.6	39.6	39.6	39.6
GE 16000	39.2	39.5	39.9	39.9	40.0	40.1	40.1	40.1	40.1
GE 14000	39.8	40.1	40.4	40.4	40.5	40.6	40.6	40.6	40.6
GE 12000	40.6	41.0	41.3	41.3	41.4	41.5	41.5	41.5	41.5
GE 10000	43.5	43.9	44.2	44.2	44.3	44.4	44.4	44.4	44.4
GE 9000	44.4	44.7	45.1	45.1	45.2	45.3	45.3	45.3	45.3
GE 8000	47.2	47.5	47.8	48.0	48.1	48.2	48.2	48.2	48.2
GE 7000	48.5	48.8	49.2	49.4	49.5	49.6	49.6	49.6	49.6
GE 6000	49.6	49.9	50.3	50.4	50.5	50.6	50.6	50.6	50.6
GE 5000	55.2	55.7	56.1	56.2	56.3	56.5	56.5	56.5	56.5
GE 4500	57.7	58.5	58.9	59.0	59.1	59.2	59.2	59.2	59.2
GE 4000	61.2	61.9	62.4	62.5	62.7	62.8	62.8	62.8	62.8
GE 3500	63.3	64.5	64.9	65.1	65.3	65.4	65.4	65.4	65.4
GE 3000	66.6	67.3	67.8	68.0	68.2	68.3	68.3	68.3	68.3
GE 2500	69.6	70.3	70.9	71.0	71.3	71.4	71.5	71.5	71.5
GE 2000	73.5	74.3	74.8	75.3	75.6	75.7	75.8	75.8	75.8
GE 1800	74.5	75.3	75.8	76.3	76.7	76.8	76.9	76.9	76.9
GE 1500	78.3	79.0	79.7	80.2	80.5	80.6	80.8	80.9	80.9
GE 1200	82.3	83.1	83.8	84.3	84.8	84.9	85.2	85.2	85.2
GE 1000	84.5	85.4	86.2	86.8	87.3	87.4	87.6	87.6	87.6
GE 900	85.2	86.0	86.9	87.4	88.0	88.1	88.3	88.3	88.3
GE 800	86.2	87.2	88.2	88.9	89.8	89.9	90.2	90.2	90.2
GE 700	86.8	88.0	89.0	89.9	90.9	91.0	91.4	91.5	91.6
GE 600	87.5	88.8	89.9	91.0	92.0	92.4	92.9	93.1	93.2
GE 500	88.2	89.5	91.0	92.4	93.7	94.1	94.8	95.1	95.3
GE 400	88.5	89.8	91.3	92.8	94.7	95.3	96.1	96.3	96.5
GE 300	88.5	89.8	91.3	92.9	94.8	95.6	96.5	96.8	97.1
GE 200	88.5	89.9	91.4	93.0	94.9	95.7	96.9	97.5	97.8
GE 100	88.5	89.9	91.4	93.0	94.9	95.7	96.9	97.5	97.8
GE 000	88.5	89.9	91.4	93.0	94.9	95.7	96.9	97.5	97.8

TOTAL NUMBER OF OBSERVATIONS 930

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUL HOURS: 06-08

...ILITY IN STATUTE MILES									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1
39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3	45.3
48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6	49.6
50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9	80.9
85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
91.4	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
92.9	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3
94.8	95.1	95.3	95.6	95.6	95.6	95.6	95.6	95.8	95.9
96.1	96.3	96.5	97.1	97.2	97.2	97.2	97.2	97.4	97.5
96.5	96.8	97.1	97.7	97.8	98.0	98.1	98.1	98.3	98.4
96.9	97.5	97.8	98.9	99.0	99.2	99.4	99.4	99.6	99.7
96.9	97.5	97.8	98.9	99.0	99.2	99.4	99.5	99.7	99.9
96.9	97.5	97.8	98.9	99.0	99.2	99.5	99.5	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENC
FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	42.4	42.6	42.7	42.9	42.9	42.9	42.9	42.9	42.9
GE 20000	45.4	45.6	45.7	45.9	45.9	45.9	45.9	45.9	45.9
GE 18000	45.5	45.8	45.9	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	45.8	46.0	46.1	46.3	46.3	46.3	46.3	46.3	46.3
GE 14000	46.5	46.7	46.8	47.0	47.0	47.0	47.0	47.0	47.0
GE 12000	47.2	47.4	47.5	47.7	47.7	47.7	47.7	47.7	47.7
GE 10000	49.8	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3
GE 9000	50.1	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6
GE 8000	52.6	52.7	52.8	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	53.3	53.5	53.7	53.9	53.9	53.9	53.9	53.9	53.9
GE 6000	53.4	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0
GE 5000	57.5	57.7	58.0	58.2	58.3	58.3	58.3	58.3	58.3
GE 4500	58.7	58.9	59.1	59.4	59.5	59.5	59.5	59.5	59.5
GE 4000	60.9	61.1	61.3	61.5	61.6	61.6	61.6	61.6	61.6
GE 3500	65.5	65.7	65.9	66.1	66.2	66.2	66.2	66.2	66.2
GE 3000	69.4	69.7	70.0	70.2	70.3	70.3	70.3	70.3	70.3
GE 2500	76.1	76.5	76.8	77.0	77.2	77.2	77.2	77.2	77.2
GE 2000	82.6	83.0	83.7	83.9	84.3	84.3	84.4	84.4	84.4
GE 1800	84.3	84.7	85.5	85.7	86.1	86.1	86.2	86.2	86.2
GE 1500	88.2	88.7	89.7	89.9	90.4	90.4	90.5	90.5	90.5
GE 1200	90.6	91.3	92.8	93.0	93.5	93.5	93.7	93.7	93.8
GE 1000	91.9	93.1	95.2	95.8	96.7	96.7	96.8	96.8	96.9
GE 900	92.2	93.9	96.0	96.3	97.7	97.7	97.8	97.8	98.0
GE 800	92.5	94.2	96.3	97.1	98.2	98.2	98.3	98.3	98.4
GE 700	92.6	94.3	96.7	97.4	98.6	98.6	98.8	98.8	98.9
GE 600	92.7	94.4	96.9	97.7	99.0	99.0	99.2	99.2	99.4
GE 500	92.9	94.6	97.1	98.2	99.5	99.5	99.7	99.7	99.8
GE 400	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 300	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 200	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 100	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0
GE 000	92.9	94.6	97.1	98.3	99.6	99.6	99.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUL HOURS: 09-11

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9	42.9
.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9
.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
.7	93.7	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
.8	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON — PE
LST TO UTC: + 8 — MO

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.4	48.9	48.9	48.9	48.9	48.9	48.9	48.9	4
GE 20000	53.2	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	5
GE 18000	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	5
GE 16000	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	5
GE 14000	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	5
GE 12000	54.5	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	5
GE 10000	57.5	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	5
GE 9000	58.0	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	5
GE 8000	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	6
GE 7000	61.9	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	6
GE 6000	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	6
GE 5000	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	6
GE 4500	70.4	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	7
GE 4000	74.1	74.6	74.7	74.7	74.7	74.7	74.7	74.7	74.7	7
GE 3500	79.8	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	8
GE 3000	88.1	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9	8
GE 2500	91.9	92.7	93.0	93.0	93.0	93.0	93.0	93.0	93.0	9
GE 2000	95.3	96.8	97.1	97.1	97.2	97.2	97.2	97.2	97.2	9
GE 1800	96.2	97.1	97.5	97.5	97.6	97.6	97.6	97.6	97.6	9
GE 1500	97.3	98.3	98.8	98.8	99.0	99.0	99.0	99.0	99.0	9
GE 1200	98.0	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 1000	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 900	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 800	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 700	98.1	99.0	99.7	99.7	99.9	99	99.9	99.9	99.9	9
GE 600	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 500	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 400	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 300	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 200	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 100	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9
GE 000	98.1	99.0	99.7	99.7	99.9	99.9	99.9	99.9	99.9	9

TOTAL NUMBER OF OBSERVATIONS 930

ICY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS: 12-14

STATUTE MILES

GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5
61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.1	63.1	63.1	63.1	63.1	63.2	63.2	63.2	63.2
66.9	66.9	66.9	66.9	66.9	67.0	67.0	67.0	67.0
71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.2	71.2
74.7	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8
80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5	80.5
88.9	88.9	88.9	88.9	88.9	89.0	89.0	89.0	89.0
93.0	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1
97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
97.6	97.6	97.6	97.6	97.6	97.7	97.7	97.7	97.7
99.0	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

6

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON — PER
LST-TO-UTC: + 8 — MO

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	5
GE 20000	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	5
GE 18000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	5
GE 16000	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	5
GE 14000	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	5
GE 12000	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	6
GE 10000	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	6
GE 9000	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	6
GE 8000	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	6
GE 7000	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	6
GE 6000	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.2	70.2	7
GE 5000	74.8	74.8	74.9	74.9	74.9	74.9	74.9	75.1	75.1	7
GE 4500	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.2	78.2	7
GE 4000	82.0	82.0	82.2	82.2	82.2	82.2	82.2	82.3	82.3	8
GE 3500	87.5	87.5	87.6	87.7	87.8	87.8	87.8	88.0	88.0	8
GE 3000	95.9	95.9	96.0	96.1	96.2	96.2	96.2	96.3	96.3	9
GE 2500	97.5	97.5	97.7	97.8	98.0	98.0	98.0	98.1	98.1	
GE 2000	98.3	98.3	98.5	98.6	98.8	98.8	98.8	98.9	98.9	
GE 1800	98.5	98.5	98.7	98.8	99.0	99.0	99.0	99.1	99.1	
GE 1500	98.5	98.5	98.7	98.9	99.2	99.2	99.2	99.4	99.4	
GE 1200	98.5	98.5	98.7	98.9	99.2	99.2	99.4	99.5	99.5	
GE 1000	98.5	98.5	98.7	98.9	99.2	99.2	99.4	99.7	99.7	
GE 900	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 800	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 700	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 600	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 500	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 400	98.5	98.5	98.8	99.0	99.4	99.4	99.5	99.8	99.8	
GE 300	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1
GE 200	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1
GE 100	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1
GE 000	98.5	98.5	98.8	99.0	99.4	99.5	99.7	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS 930

IENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUL HOURS: 15-17

IN STATUTE MILES

	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	
.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	
.2	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
.3	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	58.5	
.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	
.3	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	
.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	
.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	
.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	
.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	
.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	
.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	
.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	
.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	
.8	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	
.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	
.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	
.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	
.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	
.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE D
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: +8 MO

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	
NO CEIL	57.6	57.7	57.7	57.8	58.0	58.0	58.0	58.0	58.0	5
GE 20000	62.7	62.8	62.8	62.9	63.0	63.0	63.0	63.0	63.0	6
GE 18000	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	6
GE 16000	62.9	63.0	63.0	63.1	63.2	63.2	63.2	63.2	63.2	6
GE 14000	64.0	64.1	64.1	64.2	64.3	64.3	64.3	64.3	64.3	6
GE 12000	64.9	65.1	65.1	65.2	65.3	65.3	65.3	65.3	65.3	6
GE 10000	68.3	68.4	68.4	68.5	68.6	68.6	68.6	68.6	68.6	6
GE 9000	68.4	68.5	68.5	68.5	68.7	68.7	68.7	68.7	68.7	6
GE 8000	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.7	7
GE 7000	73.5	73.7	73.7	73.8	73.9	73.9	73.9	73.9	73.9	7
GE 6000	75.4	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	7
GE 5000	78.7	78.9	78.9	79.0	79.1	79.1	79.1	79.1	79.1	7
GE 4500	82.3	82.5	82.5	82.6	82.7	82.7	82.7	82.7	82.7	8
GE 4000	85.9	86.1	86.1	86.2	86.3	86.3	86.3	86.3	86.3	8
GE 3500	90.1	90.4	90.4	90.5	90.6	90.6	90.6	90.6	90.6	9
GE 3000	95.3	95.8	95.9	96.0	96.1	96.1	96.1	96.1	96.1	9
GE 2500	96.7	97.2	97.3	97.4	97.5	97.5	97.5	97.5	97.5	9
GE 2000	97.7	98.3	98.4	98.5	98.6	98.6	98.6	98.6	98.6	9
GE 1800	98.1	98.6	98.7	98.8	98.9	98.9	98.9	98.9	98.9	9
GE 1500	98.3	98.8	99.0	99.1	99.4	99.4	99.4	99.4	99.4	9
GE 1200	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	9
GE 1000	98.5	99.0	99.2	99.4	99.6	99.6	99.6	99.6	99.6	9
GE 900	98.5	99.1	99.4	99.5	99.7	99.7	99.7	99.7	99.7	9
GE 800	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 700	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 600	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 500	98.7	99.2	99.5	99.6	99.8	99.8	99.8	99.8	99.8	9
GE 400	98.8	99.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 300	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 200	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 100	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10
GE 000	98.8	99.4	99.6	99.8	100.0	100.0	100.0	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
RUM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JUL HOURS: 18-20

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	
.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	
.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	
.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	
.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	
.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	
.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	
.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	
.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	
.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	
.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	
.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	
.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	
.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	
.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	
.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	
.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	
.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.9	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	
.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	61.7	61.9	61.9	62.0	62.0	62.0	62.2	62.2	62.2
GE 20000	64.4	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8
GE 18000	64.4	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8
GE 16000	64.4	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.8
GE 14000	65.7	65.9	65.9	66.0	66.0	66.0	66.1	66.1	66.1
GE 12000	66.7	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.1
GE 10000	68.7	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1
GE 9000	68.9	69.1	69.1	69.2	69.2	69.2	69.4	69.4	69.4
GE 8000	72.3	72.5	72.5	72.6	72.6	72.6	72.7	72.7	72.7
GE 7000	73.5	73.8	73.8	73.9	73.9	73.9	74.0	74.0	74.0
GE 6000	75.1	75.3	75.3	75.4	75.4	75.4	75.5	75.5	75.5
GE 5000	79.0	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.4
GE 4500	82.0	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5
GE 4000	85.4	85.6	85.6	85.7	85.7	85.7	85.8	85.8	85.8
GE 3500	88.8	89.0	89.0	89.2	89.2	89.2	89.4	89.4	89.4
GE 3000	92.5	92.7	92.7	92.9	93.0	93.0	93.1	93.1	93.1
GE 2500	94.6	94.8	94.8	95.1	95.2	95.2	95.3	95.3	95.3
GE 2000	96.7	97.1	97.1	97.3	97.4	97.4	97.5	97.5	97.5
GE 1800	97.2	97.6	97.6	97.8	98.0	98.0	98.1	98.1	98.1
GE 1500	97.6	98.1	98.1	98.3	98.4	98.4	98.5	98.5	98.5
GE 1200	98.5	99.0	99.0	99.5	99.6	99.6	99.7	99.7	99.7
GE 1000	98.7	99.1	99.1	99.5	99.7	99.7	99.8	99.8	99.8
GE 900	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8
GE 800	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8
GE 700	98.7	99.1	99.1	99.6	99.7	99.7	99.8	99.8	99.8
GE 600	98.8	99.2	99.2	99.7	99.8	99.8	99.9	99.9	99.9
GE 500	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 400	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 300	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 200	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 100	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0
GE 000	98.9	99.4	99.4	99.8	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
JM HOURLY OBSERVATIONS

HINGTON PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: JUL HOURS: 21-23

N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
3	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1	67.1
1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
3	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5	75.5
4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	49.9	50.2	50.4	50.5	50.5	50.5	50.6	50.6	50.6
GE 20000	53.3	53.6	53.8	53.9	53.9	53.9	54.0	54.0	54.0
GE 18000	53.5	53.8	54.0	54.1	54.1	54.1	54.2	54.2	54.2
GE 16000	53.6	53.9	54.1	54.2	54.2	54.2	54.3	54.3	54.3
GE 14000	54.5	54.8	55.0	55.0	55.1	55.1	55.1	55.1	55.1
GE 12000	55.4	55.8	55.9	56.0	56.1	56.1	56.1	56.1	56.1
GE 10000	58.2	58.5	58.7	58.8	58.8	58.8	58.9	58.9	58.9
GE 9000	58.4	58.8	59.0	59.0	59.1	59.1	59.1	59.1	59.1
GE 8000	61.5	62.0	62.2	62.2	62.3	62.3	62.4	62.4	62.4
GE 7000	62.6	63.0	63.2	63.3	63.3	63.3	63.4	63.4	63.4
GE 6000	63.9	64.2	64.4	64.5	64.6	64.6	64.6	64.6	64.6
GE 5000	68.1	68.5	68.8	68.9	69.0	69.0	69.0	69.0	69.0
GE 4500	71.1	71.5	71.8	71.8	71.9	71.9	72.0	72.0	72.0
GE 4000	74.5	74.9	75.2	75.3	75.3	75.4	75.4	75.4	75.4
GE 3500	78.7	79.1	79.4	79.5	79.6	79.6	79.7	79.7	79.7
GE 3000	83.7	84.2	84.5	84.6	84.8	84.8	84.8	84.9	84.9
GE 2500	86.7	87.2	87.6	87.7	87.9	87.9	88.0	88.0	88.0
GE 2000	89.7	90.3	90.7	90.9	91.1	91.1	91.2	91.2	91.2
GE 1800	90.3	90.9	91.4	91.6	91.8	91.8	91.9	91.9	91.9
GE 1500	92.3	92.9	93.4	93.6	93.9	93.9	94.0	94.0	94.1
GE 1200	93.7	94.4	95.0	95.2	95.5	95.5	95.6	95.6	95.7
GE 1000	94.7	95.4	96.1	96.4	96.8	96.8	96.9	96.9	97.0
GE 900	94.9	95.7	96.4	96.7	97.1	97.1	97.2	97.2	97.2
GE 800	95.2	96.0	96.8	97.1	97.6	97.6	97.7	97.7	97.8
GE 700	95.4	96.3	97.1	97.5	97.9	97.9	98.1	98.1	98.2
GE 600	95.6	96.6	97.4	97.8	98.3	98.4	98.5	98.6	98.6
GE 500	95.8	96.7	97.6	98.1	98.7	98.7	98.9	99.0	99.0
GE 400	95.9	96.8	97.8	98.3	98.9	99.0	99.2	99.3	99.4
GE 300	95.9	96.8	97.8	98.3	99.0	99.1	99.3	99.4	99.5
GE 200	95.9	96.8	97.8	98.4	99.0	99.1	99.4	99.5	99.6
GE 100	95.9	96.8	97.8	98.4	99.0	99.1	99.4	99.6	99.6
GE 000	95.9	96.8	97.8	98.4	99.0	99.1	99.4	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 7440

A

...NCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
...OM HOURLY OBSERVATIONS

...HINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: JUL HOURS: ALL

...N STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2	55.2
.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
.1	59.1	59.1	59.1	59.1	59.1	59.1	59.2	59.2	59.2
.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.7
.0	69.0	69.0	69.0	69.0	69.0	69.0	69.1	69.1	69.1
.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
.4	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5
.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.3
.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
.6	95.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
.9	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
.2	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.3	97.3
.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
.1	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
.5	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7
.9	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.2
.2	99.3	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5
.3	99.4	99.5	99.6	99.6	99.6	99.7	99.7	99.7	99.7
.4	99.5	99.6	99.6	99.8	99.8	99.9	99.9	99.9	99.9
.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0
.4	99.6	99.6	99.8	99.8	99.8	99.9	99.9	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 74206) STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	61.2	61.4	61.7	62.3	62.4	62.7	62.8	62.8	62.8
GE 20000	63.4	63.7	64.0	64.5	64.6	64.9	65.1	65.2	65.2
GE 18000	63.8	64.0	64.3	64.8	64.9	65.3	65.4	65.5	65.5
GE 16000	63.8	64.0	64.3	64.8	64.9	65.3	65.4	65.5	65.5
GE 14000	64.5	64.7	65.1	65.6	65.7	66.0	66.1	66.2	66.2
GE 12000	65.6	65.9	66.2	66.8	66.9	67.2	67.3	67.4	67.4
GE 10000	67.8	68.3	68.6	69.1	69.2	69.6	69.7	69.8	69.8
GE 9000	68.0	68.4	68.7	69.2	69.4	69.7	69.8	69.9	69.9
GE 8000	69.7	70.1	70.4	71.0	71.1	71.4	71.5	71.6	71.6
GE 7000	71.1	71.5	71.8	72.4	72.5	72.8	72.9	73.0	73.0
GE 6000	71.5	71.9	72.3	72.8	72.9	73.2	73.3	73.4	73.4
GE 5000	74.2	74.6	74.9	75.5	75.6	75.9	76.0	76.1	76.1
GE 4500	77.1	77.5	78.0	78.5	78.6	78.9	79.0	79.1	79.1
GE 4000	81.2	81.7	82.2	82.7	82.8	83.1	83.2	83.3	83.3
GE 3500	83.1	83.7	84.1	84.6	84.8	85.2	85.3	85.5	85.5
GE 3000	86.9	87.4	87.8	88.4	89.0	89.4	89.5	89.7	89.7
GE 2500	89.6	90.1	90.5	91.1	91.7	92.0	92.2	92.4	92.4
GE 2000	91.7	92.3	92.7	93.2	93.9	94.2	94.3	94.5	94.5
GE 1800	92.0	92.6	93.0	93.5	94.2	94.5	94.6	94.8	94.8
GE 1500	93.7	94.2	94.8	95.4	96.0	96.5	96.6	96.8	96.8
GE 1200	94.2	94.7	95.4	95.9	96.6	97.0	97.1	97.3	97.3
GE 1000	94.3	95.4	96.0	96.6	97.2	97.6	97.8	98.1	98.1
GE 900	94.9	95.5	96.1	96.7	97.4	97.8	98.1	98.3	98.3
GE 800	94.9	95.5	96.1	96.7	97.4	97.8	98.1	98.3	98.3
GE 700	95.3	95.8	96.5	97.0	97.7	98.2	98.4	98.6	98.6
GE 600	95.5	96.0	96.7	97.2	98.2	98.6	98.8	99.0	99.0
GE 500	95.6	96.1	96.8	97.4	98.5	98.9	99.1	99.4	99.4
GE 400	95.6	96.1	96.8	97.5	98.7	99.1	99.5	99.7	99.7
GE 300	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8
GE 200	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8
GE 100	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8
GE 000	95.7	96.2	96.9	97.6	98.8	99.2	99.6	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
ROM HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 00-02

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	62.8	62.8	62.8	62.8	62.9	62.9	62.9	62.9	62.9	
.1	65.2	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.4	
.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	
.4	65.5	65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.7	
.1	66.2	66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.5	
.3	67.4	67.4	67.4	67.4	67.5	67.5	67.5	67.5	67.6	
.7	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9	70.0	
.8	69.9	69.9	69.9	69.9	70.0	70.0	70.0	70.0	70.1	
.5	71.6	71.6	71.6	71.6	71.7	71.7	71.7	71.7	71.8	
.9	73.0	73.0	73.0	73.0	73.1	73.1	73	73.1	73.2	
.3	73.4	73.4	73.4	73.4	73.5	73.5	73.5	73.5	73.7	
.0	76.1	76.1	76.1	76.1	76.2	76.2	76.2	76.2	76.3	
.0	79.1	79.1	79.1	79.1	79.2	79.2	79.2	79.2	79.4	
2	83.3	83.3	83.3	83.3	83.4	83.4	83.4	83.4	83.5	
.3	85.5	85.5	85.5	85.5	85.6	85.6	85.6	85.6	85.7	
.5	89.7	89.7	89.7	89.7	89.8	89.8	89.8	89.8	89.9	
2	92.4	92.4	92.4	92.4	92.5	92.5	92.5	92.5	92.6	
3	94.5	94.5	94.5	94.5	94.6	94.6	94.6	94.6	94.7	
6	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	95.1	
5	96.8	96.8	96.8	96.8	96.9	96.9	96.9	96.9	97.0	
1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.5	
8	98.1	98.1	98.1	98.1	98.2	98.2	98.2	98.2	98.3	
1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	
1	98.3	98.3	98.3	98.3	98.4	98.4	98.4	98.4	98.5	
4	98.6	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.8	
8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.2	
1	99.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.6	
5	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.9	
6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	
6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	
6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	
6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9	100.0	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	48.7	49.2	49.6	50.1	50.4	50.6	50.9	50.9	50.9
GE 20000	50.6	51.2	51.6	52.0	52.4	52.6	52.8	52.8	52.8
GE 18000	50.9	51.4	51.7	52.3	52.6	52.8	53.0	53.0	53.0
GE 16000	50.9	51.4	51.7	52.3	52.6	52.8	53.0	53.0	53.0
GE 14000	51.6	52.0	52.4	52.9	53.2	53.4	53.7	53.7	53.7
GE 12000	53.0	53.5	53.9	54.4	54.7	54.9	55.2	55.2	55.2
GE 10000	54.7	55.3	55.6	56.1	56.5	56.7	56.9	56.9	56.9
GE 9000	55.2	55.7	56.0	56.6	56.9	57.1	57.3	57.4	57.4
GE 8000	57.0	57.5	57.8	58.4	58.7	58.9	59.1	59.2	59.2
GE 7000	57.7	58.3	58.7	59.2	59.6	59.8	60.1	60.2	60.2
GE 6000	58.2	58.7	59.1	59.7	60.0	60.2	60.5	60.8	60.8
GE 5000	61.1	61.6	62.2	62.7	63.0	63.2	63.5	63.8	63.8
GE 4500	64.5	65.1	65.6	66.1	66.5	66.7	67.0	67.2	67.2
GE 4000	69.9	70.5	71.1	71.6	71.9	72.2	72.5	72.7	72.7
GE 3500	72.9	73.5	74.1	74.6	74.9	75.2	75.6	75.8	75.8
GE 3000	75.1	75.7	76.6	77.1	77.4	77.6	78.2	78.4	78.4
GE 2500	78.6	79.4	80.2	80.8	81.1	81.3	81.8	82.0	82.0
GE 2000	81.5	82.4	83.3	84.0	84.3	84.5	85.1	85.4	85.4
GE 1800	82.2	83.0	84.0	84.6	84.9	85.2	85.7	86.0	86.0
GE 1500	85.2	86.0	87.0	87.6	88.0	88.2	88.7	89.0	89.0
GE 1200	85.6	86.5	87.4	88.1	88.4	88.6	89.1	89.5	89.5
GE 1000	87.2	88.1	89.0	89.7	90.0	90.2	90.8	91.1	91.1
GE 900	88.0	88.8	89.8	90.4	90.8	91.0	91.5	91.8	91.8
GE 800	88.2	89.0	90.0	90.6	91.0	91.2	91.7	92.0	92.0
GE 700	88.6	89.5	90.4	91.2	91.6	91.8	92.4	92.7	92.7
GE 600	89.4	90.2	91.2	92.0	92.5	92.7	93.2	93.5	93.5
GE 500	90.0	90.9	92.0	93.1	93.5	93.8	94.3	94.6	94.6
GE 400	90.6	91.5	93.1	94.2	94.8	95.1	95.6	95.9	95.9
GE 300	90.9	91.9	93.8	95.2	95.8	96.1	96.7	97.2	97.2
GE 200	90.9	92.0	93.8	95.4	96.0	96.5	97.0	97.6	97.7
GE 100	90.9	92.0	93.9	95.4	96.0	96.5	97.0	97.5	97.7
GE 000	90.9	92.0	93.9	95.4	96.0	96.5	97.0	97.6	97.7

TOTAL NUMBER OF OBSERVATIONS 930

CY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

INGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 03-05

STATUTE MILES

	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	50.9	50.9	51.1	51.1	51.1	51.1	51.1	51.2	51.2
	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.1	53.1
	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3
	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.3	53.3
	53.7	53.7	53.9	53.9	53.9	53.9	53.9	54.0	54.0
	55.2	55.2	55.4	55.4	55.4	55.4	55.4	55.5	55.5
	56.9	56.9	57.2	57.2	57.2	57.2	57.2	57.3	57.3
	57.4	57.4	57.7	57.8	57.8	57.8	57.8	58.0	58.0
	59.2	59.2	59.6	59.7	59.7	59.7	59.7	59.8	59.8
	60.2	60.2	60.5	60.6	60.6	60.6	60.6	60.8	60.8
	60.8	60.8	61.1	61.2	61.2	61.2	61.2	61.3	61.3
	63.9	63.9	64.1	64.2	64.2	64.2	64.2	64.3	64.3
	67.2	67.2	67.5	67.6	67.6	67.6	67.6	67.7	67.7
	72.7	72.7	73.0	73.1	73.1	73.1	73.1	73.2	73.2
	75.8	75.8	76.1	76.2	76.2	76.2	76.2	76.3	76.3
	78.4	78.4	78.8	78.9	78.9	78.9	78.9	79.0	79.0
	82.0	82.0	82.5	82.6	82.6	82.6	82.6	82.7	82.7
	85.4	85.4	85.8	85.9	85.9	85.9	85.9	86.0	86.0
	86.0	86.0	86.5	86.6	86.6	86.6	86.6	86.7	86.7
	89.0	89.0	89.5	89.6	89.6	89.6	89.6	89.7	89.7
	89.5	89.5	89.9	90.0	90.0	90.0	90.0	90.1	90..
	91.1	91.1	91.5	91.6	91.6	91.6	91.6	91.7	91.7
	91.8	91.8	92.3	92.4	92.4	92.4	92.4	92.5	92.5
	92.0	92.0	92.5	92.6	92.6	92.6	92.6	92.7	92.7
	92.7	92.7	93.1	93.2	93.2	93.2	93.2	93.3	93.3
	93.5	93.5	94.0	94.1	94.1	94.1	94.1	94.2	94.2
	94.6	94.6	95.1	95.2	95.2	95.2	95.2	95.3	95.3
	95.9	95.9	96.5	96.6	96.6	96.7	96.7	96.8	96.8
	97.2	97.2	97.7	98.0	98.0	98.1	98.1	98.3	98.3
	97.6	97.7	98.4	98.8	98.8	99.1	99.1	99.4	99.5
	97.6	97.7	98.4	98.9	98.9	99.4	99.4	99.6	99.8
	97.6	97.7	98.4	98.9	98.9	99.4	99.4	99.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURREN
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	38.6	39.0	39.5	39.9	40.4	40.6	41.0	41.0	41.0
GE 20000	40.9	41.4	41.8	42.3	42.8	43.0	43.3	43.3	43.3
GE 18000	41.2	41.7	42.2	42.6	43.1	43.3	43.7	43.7	43.7
GE 16000	41.4	41.9	42.4	42.8	43.3	43.5	43.9	43.9	43.9
GE 14000	42.4	42.9	43.3	43.8	44.3	44.5	44.8	44.8	44.8
GE 12000	43.2	43.8	44.2	44.6	45.2	45.4	45.7	45.7	45.7
GE 10000	45.3	45.9	46.3	46.8	47.4	47.6	48.0	48.0	48.0
GE 9000	45.5	46.1	46.5	47.0	47.6	47.8	48.2	48.2	48.2
GE 8000	47.8	48.7	49.1	49.6	50.2	50.4	50.8	50.8	50.8
GE 7000	48.3	49.1	49.5	50.1	50.8	51.0	51.3	51.3	51.3
GE 6000	48.7	49.6	50.0	50.5	51.2	51.4	51.7	51.8	51.8
GE 5000	51.4	52.3	52.9	53.4	54.1	54.3	54.6	54.7	54.7
GE 4500	53.5	54.5	55.3	55.9	56.6	56.8	57.1	57.2	57.2
GE 4000	58.0	58.9	59.7	60.3	61.1	61.3	61.6	61.7	61.7
GE 3500	62.4	63.3	64.3	65.1	65.9	66.1	66.5	66.7	66.7
GE 3000	65.1	66.0	67.2	68.0	68.8	69.0	69.6	69.9	69.9
GE 2500	67.5	68.6	69.9	71.0	71.8	72.0	72.7	73.2	73.2
GE 2000	70.3	71.4	72.7	73.8	74.7	74.9	75.6	76.1	76.1
GE 1800	71.2	72.3	73.7	74.7	75.7	75.9	76.6	77.1	77.1
GE 1500	75.3	76.3	77.7	79.1	80.1	80.3	81.0	81.5	81.5
GE 1200	77.0	78.2	79.6	81.0	81.9	82.2	82.8	83.4	83.4
GE 1000	78.7	79.9	81.4	82.9	83.9	84.2	84.8	85.5	85.5
GE 900	79.2	80.4	82.0	83.7	84.6	84.9	85.7	86.3	86.3
GE 800	79.7	81.0	82.7	84.3	85.3	85.6	86.3	87.0	87.0
GE 700	80.5	81.8	83.8	85.4	86.3	86.7	87.4	88.2	88.2
GE 600	81.0	82.3	84.4	86.0	87.0	87.3	88.4	89.1	89.1
GE 500	81.3	82.6	85.1	86.8	88.1	88.4	89.5	90.3	90.3
GE 400	81.3	83.1	85.7	87.5	89.4	89.7	91.4	92.4	92.5
GE 300	81.8	83.2	86.1	88.1	90.5	90.9	93.1	94.4	94.5
GE 200	81.8	83.2	86.1	88.1	90.5	91.0	93.2	94.5	94.6
GE 100	81.8	83.2	86.1	88.1	90.5	91.0	93.2	94.5	94.6
GE 000	81.8	83.2	86.1	88.1	90.5	91.0	93.2	94.5	94.6

TOTAL NUMBER OF OBSERVATIONS 930

JENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 06-08

CEILING IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
43.9	43.9	43.	43.9	43.9	43.9	43.9	43.9	43.9	43.9
44.8	44.8	44.	44.8	44.8	44.8	44.8	44.8	44.8	44.8
45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
51.7	51.8	51.8	51.8	51.9	51.9	51.9	51.9	51.9	52.0
54.6	54.7	54.7	54.7	54.8	54.8	54.8	54.8	54.8	54.9
57.1	57.2	57.2	57.2	57.3	57.3	57.3	57.3	57.3	57.4
61.6	61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.9
66.5	66.7	66.7	66.7	66.9	66.9	66.9	66.9	66.9	67.0
69.6	69.9	69.9	6	70.1	70.1	70.1	70.1	70.1	70.2
73.2	73.2	73.2	73.2	73.4	73.4	73.4	73.4	73.4	73.5
76.3	76.1	76.1	76.1	76.3	76.3	76.3	76.3	76.3	76.5
76.6	77.1	77.1	77.1	77.3	77.3	77.3	77.3	77.3	77.4
81.0	81.5	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.8
82.8	83.4	83.4	83.4	83.7	83.7	83.7	83.7	83.7	83.8
84.3	85.5	85.5	85.6	85.8	85.8	85.8	85.8	85.8	85.9
85.7	86.3	86.3	86.5	86.7	86.7	86.7	86.7	86.7	86.8
87.3	87.0	87.0	87.3	87.5	87.5	87.5	87.5	87.5	87.6
87.4	88.2	88.2	88.5	88.7	88.7	88.7	88.7	88.7	88.8
88.4	89.1	89.1	89.5	89.7	89.7	89.7	89.7	89.7	89.8
89.5	90.3	90.3	90.9	91.2	91.2	91.2	91.2	91.2	91.3
91.4	92.4	92.5	93.0	93.4	93.4	93.4	93.4	93.4	93.5
93.1	94.4	94.5	95.6	96.1	96.1	96.5	96.5	96.5	96.6
93.2	94.5	94.6	96.0	97.2	97.3	98.0	98.4	98.9	99.4
93.2	94.5	94.6	96.0	97.3	97.4	98.2	98.7	99.2	99.9
93.2	94.5	94.6	96.0	97.3	97.4	98.2	98.7	99.4	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURREN
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	45.1	45.3	46.0	46.3	46.3	46.3	46.5	46.5	46.5
GE 20000	49.7	49.9	49.7	50.0	50.0	50.0	50.1	50.1	50.1
GE 18000	49.4	49.6	50.3	50.6	50.6	50.6	50.8	50.8	50.8
GE 16000	49.4	49.6	50.3	50.6	50.6	50.6	50.8	50.8	50.8
GE 14000	50.4	50.6	51.4	51.7	51.7	51.7	51.8	51.8	51.8
GE 12000	50.9	51.1	51.8	52.2	52.2	52.2	52.3	52.3	52.3
GE 10000	52.7	52.9	53.9	54.3	54.3	54.3	54.4	54.4	54.4
GE 9000	52.7	52.9	53.9	54.3	54.3	54.3	54.4	54.4	54.4
GE 8000	54.7	54.9	55.9	56.3	56.3	56.3	56.5	56.5	56.5
GE 7000	55.4	55.6	56.6	57.0	57.0	57.0	57.1	57.1	57.1
GE 6000	55.7	55.9	56.9	57.3	57.4	57.4	57.5	57.5	57.5
GE 5000	59.1	59.4	60.3	60.8	61.0	61.0	61.1	61.1	61.1
GE 4500	60.4	60.8	61.9	62.4	62.6	62.6	62.7	62.7	62.7
GE 4000	63.1	63.4	64.6	65.2	65.4	65.4	65.5	65.5	65.5
GE 3500	67.0	67.3	68.7	69.2	69.5	69.5	69.6	69.6	69.6
GE 3000	72.4	72.7	74.3	75.1	75.4	75.4	75.6	75.6	75.6
GE 2500	77.1	77.5	79.1	79.9	80.2	80.2	80.4	80.4	80.4
GE 2000	80.5	81.2	82.9	83.7	84.0	84.0	84.2	84.2	84.2
GE 1800	81.5	82.3	84.0	84.7	85.1	85.1	85.3	85.3	85.3
GE 1500	85.2	85.9	88.0	88.7	89.1	89.1	89.5	89.5	89.5
GE 1200	86.6	87.3	89.5	90.2	90.6	90.6	91.2	91.3	91.3
GE 1000	88.3	89.2	91.5	92.5	93.0	93.0	93.5	93.7	93.7
GE 900	88.3	89.6	91.8	92.9	93.7	93.7	94.5	94.6	94.6
GE 800	88.3	89.8	92.3	93.3	94.2	94.2	95.1	95.3	95.3
GE 700	88.4	90.0	92.7	93.9	94.8	94.8	96.0	96.3	96.3
GE 600	88.4	90.1	93.1	94.5	95.5	95.5	97.1	97.4	97.4
GE 500	88.4	90.1	93.3	94.7	96.2	96.2	98.0	98.4	98.4
GE 400	88.4	90.1	93.4	94.9	96.5	96.5	98.3	98.7	98.8
GE 300	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.0
GE 200	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.0
GE 100	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.0
GE 000	88.4	90.1	93.4	94.9	96.6	96.6	98.4	98.9	99.0

TOTAL NUMBER OF OBSERVATIONS 930

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: AUG HOURS: 09-11

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
65.5	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6
69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7
75.6	75.6	75.6	75.7	75.7	75.7	75.7	75.7	75.7	75.7
80.4	80.4	80.4	80.5	80.5	80.5	80.5	80.5	80.5	80.5
84.2	84.2	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3
85.3	85.3	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4
89.5	89.5	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
91.2	91.3	91.4	91.5	91.5	91.5	91.5	91.5	91.5	91.5
93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.5	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
95.1	95.3	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.0	96.3	96.5	96.6	96.6	96.6	96.6	96.6	96.6	96.6
97.1	97.4	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.0	98.4	98.5	98.9	99.0	99.0	99.0	99.0	99.0	99.0
98.3	98.7	98.8	99.5	99.6	99.6	99.6	99.6	99.6	99.6
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	99.9
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0
98.4	98.9	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1
GE 20000	58.3	58.4	58.5	58.6	58.6	58.6	58.6	58.6	58.6
GE 18000	58.3	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2
GE 16000	59.2	59.4	59.5	59.6	59.6	59.6	59.6	59.6	59.6
GE 14000	60.9	61.0	61.1	61.2	61.2	61.2	61.2	61.2	61.2
GE 12000	62.4	62.5	62.6	62.7	62.7	62.7	62.7	62.7	62.7
GE 10000	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	63.3	63.4	63.5	63.7	63.7	63.7	63.7	63.7	63.7
GE 8000	65.9	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2
GE 7000	67.6	67.7	67.8	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	68.1	68.2	68.3	68.4	68.4	68.4	68.4	68.4	68.4
GE 5000	71.2	71.3	71.4	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	74.0	74.2	74.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	77.9	78.1	78.2	78.3	78.3	78.3	78.3	78.3	78.3
GE 3500	82.8	83.0	83.2	83.4	83.4	83.4	83.4	83.4	83.4
GE 3000	87.5	87.7	88.2	88.5	88.5	88.5	88.5	88.5	88.5
GE 2500	91.3	91.6	92.2	92.6	92.6	92.6	92.6	92.6	92.6
GE 2000	93.7	94.0	94.6	95.2	95.3	95.3	95.3	95.3	95.3
GE 1800	94.9	95.3	96.0	96.6	96.7	96.7	96.7	96.7	96.7
GE 1500	96.0	96.5	97.4	98.0	98.3	98.4	98.5	98.5	98.5
GE 1200	96.3	96.9	98.0	98.5	98.9	99.0	99.2	99.2	99.2
GE 1000	96.3	96.9	98.0	98.5	99.0	99.1	99.5	99.8	99.8
GE 900	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 800	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 700	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 600	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 500	96.3	96.9	98.0	98.5	99.1	99.2	99.6	99.9	99.9
GE 400	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 300	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 200	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 100	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0
GE 000	96.3	96.9	98.0	98.5	99.1	99.2	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

A

D - 2 - 68

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 12-14

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 18000	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 16000	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 12000	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 10000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 9000	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 7000	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 6000	74.2	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 5000	77.7	77.7	77.8	77.8	78.0	78.0	78.0	78.0	78.0
GE 4500	80.0	80.0	80.4	80.4	80.5	80.5	80.5	80.5	80.5
GE 4000	84.6	84.7	85.3	85.3	85.4	85.4	85.4	85.4	85.4
GE 3500	91.8	92.0	92.6	92.6	92.7	92.7	92.7	92.7	92.7
GE 3000	96.2	96.5	97.0	97.0	97.1	97.1	97.1	97.1	97.1
GE 2500	97.0	97.3	97.8	97.8	98.0	98.0	98.0	98.0	98.0
GE 2000	97.3	97.6	98.3	98.3	98.4	98.4	98.4	98.4	98.4
GE 1800	97.5	97.8	98.5	98.6	98.7	98.7	98.7	98.7	98.7
GE 1500	97.7	98.2	98.8	99.0	99.4	99.5	99.5	99.5	99.5
GE 1200	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.7	99.7
GE 1000	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 900	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 800	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 700	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 600	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 500	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 400	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 300	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 200	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 100	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9
GE 000	97.7	98.2	98.8	99.2	99.6	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 15-17

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
99.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.7	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERV

STATION NUMBER: 74206) STATION NAME: MCCHORD AFB WASHINGTON
LST IN UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 20000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 18000	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 16000	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 14000	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 10000	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 9000	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 7000	77.3	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5
GE 6000	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 5000	81.2	81.2	81.5	81.6	81.6	81.6	81.6	81.6	81.6
GE 4500	83.9	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	87.0	87.0	87.3	87.5	87.6	87.6	87.6	87.6	87.6
GE 3500	91.7	91.8	92.2	92.4	92.5	92.5	92.5	92.5	92.5
GE 3000	95.9	96.0	96.5	96.8	96.9	96.9	96.9	96.9	96.9
GE 2500	96.6	96.7	97.1	97.5	97.6	97.6	97.7	97.7	97.
GE 2000	97.5	97.6	98.2	98.6	98.7	98.7	98.8	98.8	98.
GE 1800	97.6	97.6	98.3	98.7	98.8	98.8	98.9	98.9	98.
GE 1500	98.2	98.3	98.9	99.4	99.5	99.5	99.6	99.6	99.
GE 1200	98.2	98.3	98.9	99.4	99.5	99.5	99.7	99.7	99.
GE 1000	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 900	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 800	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 700	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 600	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 500	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 400	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 300	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 200	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99.
GE 100	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99
GE 000	98.3	98.4	99.0	99.5	99.6	99.6	99.9	99.9	99

TOTAL NUMBER OF OBSERVATIONS 930

ENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FOM HOURLY OBSERVATIONS

GTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 18-20

IN STATUTE MILES

E	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
3.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
7.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
7.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
8.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
0.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
2.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
4.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
4.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
6.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
7.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5
8.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
1.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
4.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
7.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
2.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
6.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
7.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
8.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
8.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
9.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
9.7	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
9.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION WAM — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILI	VISIBILITY IN STATUTE MIL								
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	65.6	65.6	65.7	65.7	65.9	65.9	65.9	65.9	65
GE 20000	69.1	69.1	69.2	69.2	69.5	69.5	69.5	69.5	69
GE 18000	69.1	69.1	69.2	69.2	69.5	69.5	69.5	69.5	69
GE 16000	69.4	69.4	69.5	69.5	69.7	69.7	69.7	69.7	69
GE 14000	70.5	70.5	70.6	70.6	70.9	70.9	70.9	70.9	70
GE 12000	72.2	72.2	72.3	72.3	72.5	72.5	72.5	72.5	72
GE 10000	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75
GE 9000	75.5	75.5	75.6	75.6	75.8	75.8	75.8	75.8	75
GE 8000	76.5	76.5	76.6	76.6	76.8	76.8	76.8	76.8	76
GE 7000	77.7	77.8	78.1	78.1	78.3	78.3	78.3	78.3	78
GE 6000	78.2	78.3	78.5	78.5	78.7	78.7	78.7	78.7	78
GE 5000	80.8	80.9	81.1	81.2	81.4	81.4	81.4	81.4	81
GE 4500	83.7	83.9	84.1	84.2	84.5	84.5	84.5	84.5	84
GE 4000	87.1	87.3	87.5	87.6	88.1	88.1	88.1	88.1	88
GE 3500	90.1	90.3	90.5	90.8	91.2	91.2	91.2	91.2	91
GE 3000	93.7	93.9	94.1	94.3	95.1	95.1	95.2	95.2	95
GE 2500	94.9	95.2	95.4	95.6	96.3	96.3	96.5	96.5	96
GE 2000	95.5	95.7	96.0	96.2	97.0	97.0	97.1	97.1	97
GE 1800	96.5	96.7	97.1	97.3	98.1	98.1	98.2	98.2	98
GE 1500	97.3	97.6	98.1	98.3	99.0	99.0	99.2	99.2	99
GE 1200	97.3	97.6	98.1	98.3	99.0	99.0	99.2	99.2	99
GE 1000	97.4	97.7	98.2	98.4	99.1	99.1	99.4	99.4	99
GE 900	97.4	97.7	98.2	98.4	99.2	99.2	99.5	99.5	99
GE 800	97.4	97.7	98.2	98.4	99.2	99.2	99.5	99.5	99
GE 700	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 600	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 500	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 400	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 300	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 200	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 100	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99
GE 000	97.5	97.8	98.3	98.5	99.5	99.5	99.7	99.8	99

TOTAL NUMBER OF OBSERVATIONS 930

ICY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
M HOURLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG HOURS: 21-23

IN STATUTE MILES

E	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
.3	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
.6	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
.9	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
.3	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.2
.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
.6	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
.7	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRE
FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET		VISIBILITY IN STATUTE MILE								
		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL		54.5	54.7	54.9	55.2	55.3	55.4	55.5	55.5	55.
GE	20000	57.9	58.1	58.3	58.6	58.7	58.8	58.9	58.9	58.
GE	18000	58.2	58.4	58.7	58.9	59.1	59.2	59.3	59.3	59.
GE	16000	58.6	58.7	58.9	59.2	59.3	59.4	59.5	59.5	59.
GE	14000	59.7	59.9	60.2	60.4	60.6	60.6	60.7	60.8	60.
GE	12000	61.1	61.3	61.5	61.8	61.9	62.0	62.1	62.1	62.
GE	10000	63.0	63.3	63.5	63.8	64.0	64.0	64.1	64.2	64.
GE	9000	63.2	63.4	63.7	64.0	64.1	64.2	64.3	64.3	64.
GE	8000	65.1	65.3	65.6	65.9	66.0	66.1	66.2	66.2	66.
GE	7000	66.1	66.4	66.7	67.0	67.1	67.2	67.3	67.4	67.
GE	6000	66.5	66.8	67.2	67.4	67.6	67.7	67.9	67.9	67.
GE	5000	69.6	69.9	70.3	70.6	70.8	70.9	71.0	71.0	71.
GE	4500	72.1	72.5	73.0	73.3	73.5	73.6	73.7	73.8	73.
GE	4000	76.1	76.5	77.0	77.3	77.6	77.7	77.8	77.8	77.
GE	3500	80.2	80.6	81.2	81.6	81.9	82.0	82.1	82.2	82.
GE	3000	84.1	84.5	85.2	85.6	86.0	86.1	86.3	86.4	86.
GE	2500	86.6	87.0	87.8	88.3	88.7	88.8	89.0	89.1	89.
GE	2000	88.5	89.0	89.8	90.4	90.8	90.9	91.1	91.2	91.
GE	1800	89.2	89.7	90.6	91.1	91.5	91.6	91.8	92.0	92.
GE	1500	91.1	91.6	92.6	93.2	93.7	93.8	94.1	94.2	94.
GE	1200	91.6	92.2	93.2	93.8	94.3	94.4	94.8	94.9	94.
GE	1000	92.4	93.0	94.0	94.7	95.2	95.3	95.7	95.9	95
GE	900	92.5	93.2	94.2	94.9	95.5	95.6	96.0	96.3	96
GE	800	92.6	93.3	94.4	95.1	95.7	95.8	96.2	96.5	96
GE	700	92.8	93.5	94.7	95.4	96.0	96.2	96.6	96.9	96
GE	600	93.0	93.7	94.9	95.7	96.4	96.5	97.0	97.3	97
GE	500	93.1	93.9	95.2	96.0	96.8	96.9	97.5	97.8	97
GE	400	93.3	94.0	95.4	96.2	97.1	97.3	98.0	98.3	98
GE	300	93.3	94.1	95.5	96.4	97.4	97.6	98.3	98.7	98
GE	200	93.3	94.1	95.6	96.5	97.5	97.6	98.4	98.8	98
GE	100	93.3	94.1	95.6	96.5	97.5	97.6	98.4	98.8	98
GE	000	93.3	94.1	95.6	96.5	97.5	97.6	98.4	98.8	98

TOTAL NUMBER OF OBSERVATIONS 7440

P

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: AUG HOURS: ALL

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.6	55.6
58.9	58.9	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0
59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
59.5	59.5	59.5	59.5	59.6	59.6	59.6	59.6	59.6	59.6
60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
62.1	62.1	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2
64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
64.3	64.3	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4
66.2	66.2	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3
67.3	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4	67.4
67.8	67.9	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0
71.0	71.0	71.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1
73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.9	73.9
77.8	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	78.0
82.1	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3
86.3	86.4	86.4	86.5	86.5	86.5	86.5	86.5	86.6	86.6
89.0	89.1	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.3
91.1	91.2	91.2	91.3	91.3	91.3	91.3	91.3	91.4	91.4
91.9	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.1
94.1	94.2	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.4
94.8	94.9	94.9	95.0	95.1	95.1	95.1	95.1	95.1	95.1
95.7	95.9	95.9	96.0	96.1	96.1	96.1	96.1	96.1	96.1
96.0	96.3	96.3	96.4	96.4	96.5	96.5	96.5	96.5	96.5
96.2	96.5	96.5	96.6	96.7	96.7	96.7	96.7	96.7	96.7
96.6	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.2	97.2
97.0	97.3	97.3	97.5	97.6	97.6	97.6	97.6	97.5	97.6
97.5	97.8	97.8	98.0	98.1	98.1	98.1	98.1	98.1	98.1
98.0	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.7	98.7
98.3	98.7	98.8	99.1	99.2	99.2	99.3	99.3	99.3	99.3
98.4	98.8	98.9	99.2	99.5	99.5	99.6	99.7	99.8	99.8
98.4	98.8	98.9	99.2	99.5	99.5	99.7	99.7	99.8	100.0
98.4	98.8	98.9	99.2	99.5	99.5	99.7	99.7	99.8	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	45.4	47.1	48.4	49.8	50.6	50.7	50.8	51.3	51.
GE 20000	48.2	48.9	50.2	52.1	52.9	53.0	53.1	53.7	53.
GE 18000	48.3	49.0	50.3	52.2	53.0	53.1	53.2	53.8	53.
GE 16000	48.3	49.0	50.3	52.2	53.0	53.1	53.2	53.8	53.
GE 14000	48.5	49.2	50.5	52.4	53.2	53.3	53.4	54.0	54.
GE 12000	49.6	50.2	51.6	53.4	54.2	54.3	54.4	55.0	55.
GE 10000	51.0	51.7	53.1	55.0	55.8	55.9	56.0	56.6	56.
GE 9000	51.6	52.2	53.7	55.5	56.3	56.4	56.5	57.1	57.
GE 8000	55.3	56.0	57.4	59.3	60.1	60.2	60.3	60.9	60.
GE 7000	57.1	57.9	59.3	61.2	62.2	62.3	62.4	63.0	63.
GE 6000	59.1	59.9	61.3	63.3	64.3	64.4	64.7	65.2	65.
GE 5000	63.8	64.3	66.8	67.9	68.9	69.0	69.2	69.8	69.
GE 4500	67.7	68.3	70.4	72.5	73.5	73.7	73.9	74.4	74.
GE 4000	70.7	72.0	73.7	75.8	77.0	77.1	77.3	77.9	77.
GE 3500	74.2	75.9	77.6	79.7	81.2	81.3	81.6	82.1	82.
GE 3000	77.9	79.6	81.3	83.4	85.2	85.3	85.6	86.1	86.
GE 2500	80.2	81.8	83.8	85.9	87.7	87.8	88.0	88.6	88.
GE 2000	82.2	83.9	85.8	87.9	89.8	89.9	90.1	90.7	90.
GE 1800	82.8	84.4	86.3	88.4	90.3	90.4	90.7	91.2	91.
GE 1500	84.4	86.1	88.1	90.4	92.3	92.4	92.7	93.2	93.
GE 1200	85.4	87.1	89.2	91.6	93.4	93.6	93.8	94.3	94.
GE 1000	85.7	87.3	89.4	91.8	93.8	93.9	94.1	94.7	94.
GE 900	86.1	87.8	89.9	92.2	94.2	94.3	94.5	95.2	95.
GE 800	86.2	87.9	90.0	92.3	94.3	94.4	94.7	95.3	95.
GE 700	86.6	88.2	90.3	92.7	94.7	94.8	95.0	95.7	95.
GE 600	86.8	88.4	90.7	93.0	95.1	95.2	95.6	96.2	96.
GE 500	86.8	88.4	90.8	93.3	95.5	95.7	96.0	96.7	96.
GE 400	86.8	88.4	90.8	93.5	96.0	96.1	96.4	97.2	97.
GE 300	86.8	88.4	90.8	93.6	96.0	96.1	96.4	97.2	97.
GE 200	86.8	88.4	90.8	93.6	96.1	96.2	96.6	97.3	97.
GE 100	86.8	88.4	90.8	93.6	96.1	96.2	96.6	97.3	97.
GE 000	86.8	88.4	90.8	93.6	96.1	96.2	96.6	97.3	97.

TOTAL NUMBER OF OBSERVATIONS 900

A

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 00-02

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
50.8	51.3	51.3	51.6	51.7	51.7	52.1	52.1	52.1	52.2
53.1	53.7	53.7	53.9	54.0	54.0	54.4	54.4	54.4	54.6
53.2	53.8	53.8	54.0	54.1	54.1	54.5	54.5	54.6	54.7
53.2	53.8	53.8	54.0	54.1	54.1	54.6	54.6	54.6	54.7
53.4	54.0	54.0	54.2	54.3	54.3	54.8	54.8	54.8	54.9
54.4	55.0	55.0	55.2	55.3	55.3	55.8	55.8	55.8	55.9
56.0	56.6	56.6	56.8	56.9	56.9	57.3	57.3	57.3	57.4
56.8	57.1	57.1	57.3	57.4	57.4	57.9	57.9	57.9	58.0
60.3	60.9	60.9	61.1	61.2	61.2	61.7	61.7	61.7	61.8
62.4	63.0	63.0	63.2	63.3	63.3	63.8	63.8	63.8	63.9
64.7	65.2	65.2	65.4	65.6	65.6	66.0	66.0	66.0	66.1
69.2	69.8	69.8	70.0	70.1	70.1	70.6	70.6	70.6	70.7
73.3	74.4	74.4	74.7	74.8	74.8	75.2	75.2	75.2	75.3
77.3	77.9	77.9	78.1	78.2	78.2	78.7	78.7	78.7	78.8
81.6	82.1	82.1	82.3	82.4	82.4	82.9	82.9	82.9	83.0
85.6	86.1	86.1	86.3	86.4	86.4	86.9	86.9	86.9	87.0
88.0	88.6	88.6	88.8	88.9	88.9	89.3	89.3	89.3	89.4
90.1	90.7	90.7	90.9	91.0	91.0	91.4	91.4	91.4	91.5
90.7	91.2	91.2	91.4	91.6	91.6	92.0	92.0	92.0	92.1
92.7	93.2	93.2	93.4	93.6	93.6	94.0	94.0	94.0	94.1
93.8	94.3	94.3	94.8	94.9	94.9	95.3	95.3	95.3	95.4
94.1	94.7	94.7	95.2	95.3	95.3	95.8	95.8	95.8	95.9
94.5	95.2	95.2	95.8	95.9	95.9	96.3	96.3	96.3	96.4
94.7	95.3	95.3	95.9	96.0	96.0	96.4	96.4	96.4	96.6
95.0	95.7	95.7	96.2	96.3	96.3	96.8	96.8	96.8	96.9
95.6	96.2	96.2	96.8	96.9	96.9	97.3	97.3	97.3	97.4
96.0	96.7	96.7	97.2	97.3	97.3	97.9	97.9	97.9	98.0
96.4	97.2	97.2	97.8	97.9	97.9	98.4	98.4	98.4	98.6
96.4	97.2	97.2	97.8	97.9	97.9	98.6	98.6	98.6	98.7
96.6	97.3	97.3	97.9	98.0	98.0	98.7	98.7	98.8	99.1
96.6	97.3	97.3	97.9	98.0	98.0	98.8	98.8	98.9	100.0
96.6	97.3	97.3	97.9	98.0	98.0	98.8	98.8	98.9	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	35.7	37.1	38.2	38.9	40.2	40.6	41.1	41.3	41
GE 20000	37.6	39.2	40.3	41.2	42.6	42.9	43.4	43.7	43
GE 18000	38.2	39.4	40.6	41.4	42.8	43.1	43.7	43.9	44
GE 16000	38.0	39.4	40.6	41.4	42.8	43.1	43.7	43.9	44
GE 14000	38.2	39.7	40.8	41.7	43.0	43.3	43.9	44.1	44
GE 12000	39.1	40.7	41.8	42.8	44.1	44.4	45.0	45.2	45
GE 10000	41.7	43.2	44.4	45.6	46.9	47.2	47.8	48.0	48
GE 9000	42.1	43.7	44.9	46.0	47.3	47.7	48.2	48.4	48
GE 8000	45.0	46.6	47.8	48.9	50.2	50.6	51.1	51.3	51
GE 7000	46.8	48.3	49.6	50.8	52.2	52.6	53.1	53.3	53
GE 6000	48.7	50.2	51.4	52.8	54.2	54.6	55.1	55.3	55
GE 5000	52.2	54.0	55.6	57.1	58.6	58.9	59.4	59.7	59
GE 4500	55.8	57.7	59.3	60.9	62.3	62.7	63.2	63.4	63
GE 4000	60.9	63.0	64.9	66.8	68.3	68.7	69.2	69.4	69
GE 3500	64.4	66.6	68.6	70.4	72.3	72.7	73.2	73.4	73
GE 3000	68.1	70.2	72.7	74.6	76.6	76.9	77.6	77.8	77
GE 2500	70.2	72.3	74.8	76.7	78.8	79.1	79.8	80.0	80
GE 2000	73.1	75.1	77.6	79.5	81.7	82.0	82.7	82.9	83
GE 1800	74.0	76.1	78.6	80.5	82.8	83.1	83.8	84.0	84
GE 1500	75.6	77.9	80.3	82.6	84.8	85.1	85.8	86.0	86
GE 1200	77.1	79.5	82.0	84.3	86.6	86.9	87.6	87.9	87
GE 1000	78.0	80.4	83.0	85.3	87.6	87.9	88.6	88.8	88
GE 900	78.4	80.9	83.4	85.8	88.0	88.3	89.1	89.4	89
GE 800	78.8	81.2	83.8	86.2	88.4	88.8	89.6	89.9	90
GE 700	79.3	81.8	84.3	86.8	89.0	89.3	90.1	90.4	90
GE 600	80.0	82.4	85.1	87.6	89.8	90.1	90.9	91.2	91
GE 500	80.2	82.7	85.6	88.0	90.7	91.0	91.8	92.1	92
GE 400	80.3	82.8	85.8	88.2	91.1	91.4	92.4	92.8	92
GE 300	80.3	82.9	85.9	88.3	91.6	91.9	93.2	93.8	93
GE 200	80.4	83.0	86.0	88.6	91.8	92.1	93.6	94.2	94
GE 100	80.4	83.1	86.1	88.8	92.1	92.4	94.1	94.8	94
GE 000	80.4	83.1	86.1	88.8	92.1	92.4	94.1	94.8	94

TOTAL NUMBER OF OBSERVATIONS 900

A

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 03-05

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
41.1	41.3	41.4	41.9	42.0	42.1	42.2	42.2	42.2	42.3
43.4	43.7	43.8	44.2	44.3	44.4	44.6	44.6	44.6	44.7
43.7	43.9	44.0	44.4	44.6	44.7	44.8	44.8	44.8	44.9
43.9	44.1	44.2	44.7	44.8	44.9	45.0	45.0	45.0	45.1
45.0	45.2	45.3	45.8	45.9	46.0	46.1	46.1	46.1	46.2
47.9	48.0	48.1	48.6	48.7	48.8	48.9	48.9	48.9	49.1
48.2	48.4	48.5	49.0	49.1	49.2	49.3	49.3	49.3	49.6
51.1	51.3	51.4	51.9	52.0	52.1	52.2	52.2	52.2	52.4
53.1	53.3	53.4	53.9	54.0	54.1	54.2	54.2	54.2	54.4
55.1	55.3	55.4	55.9	56.0	56.1	56.2	56.2	56.2	56.4
59.4	59.7	59.8	60.2	60.3	60.4	60.6	60.5	60.5	60.8
63.2	63.4	63.5	64.0	64.1	64.2	64.3	64.3	64.3	64.5
69.2	69.4	69.5	70.0	70.1	70.2	70.3	70.3	70.3	70.6
73.2	73.4	73.5	74.0	74.1	74.2	74.3	74.3	74.3	74.6
77.6	77.8	77.9	78.3	78.4	78.6	78.7	78.7	78.7	78.9
79.8	80.0	80.1	80.6	80.7	80.8	80.9	80.9	80.9	81.1
82.7	82.9	83.0	83.4	83.6	83.7	83.8	83.8	83.8	84.0
83.8	84.0	84.1	84.6	84.7	84.8	84.9	84.9	84.9	85.1
85.8	86.0	86.1	86.6	86.7	86.8	86.9	86.9	86.9	87.1
87.6	87.8	87.9	88.3	88.4	88.6	88.7	88.7	88.7	88.9
88.6	88.8	88.9	89.3	89.4	89.6	89.7	89.7	89.7	89.9
89.1	89.4	89.5	90.0	90.1	90.2	90.3	90.3	90.3	90.5
89.6	89.9	90.0	90.4	90.6	90.7	90.8	90.8	90.8	91.0
90.1	90.4	90.5	91.0	91.1	91.2	91.3	91.3	91.3	91.5
90.9	91.2	91.3	91.9	92.0	92.1	92.2	92.2	92.2	92.4
91.8	92.1	92.2	93.1	93.2	93.3	93.4	93.4	93.4	93.8
92.4	92.8	92.9	93.8	93.9	94.0	94.1	94.1	94.1	94.4
93.2	93.8	93.9	95.0	95.2	95.3	95.4	95.6	95.6	95.9
93.6	94.2	94.3	95.4	95.9	96.1	96.2	96.3	96.8	97.4
94.1	94.8	94.9	96.1	96.6	96.8	97.0	97.3	97.9	99.8
94.1	94.8	94.9	96.1	96.6	96.8	97.0	97.3	98.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	28.2	29.7	31.9	33.4	33.8	34.0	34.1	34.4	34.6
GE 20000	30.3	31.8	34.0	35.6	35.9	36.1	36.2	36.7	36.8
GE 18000	30.7	32.1	34.3	35.3	36.2	36.4	36.6	37.0	37.1
GE 16000	30.7	32.1	34.3	35.9	36.2	36.4	36.6	37.0	37.1
GE 14000	31.7	33.1	35.3	36.9	37.2	37.4	37.6	38.0	38.1
GE 12000	32.9	34.4	36.7	38.2	38.6	38.8	38.9	39.3	39.4
GE 10000	35.0	36.7	38.9	40.4	40.8	41.0	41.2	41.7	41.8
GE 9000	35.2	36.9	39.1	40.7	41.0	41.2	41.4	41.9	42.0
GE 8000	37.9	39.6	42.2	43.8	44.1	44.3	44.6	45.0	45.1
GE 7000	39.6	41.2	44.0	45.6	45.9	46.1	46.3	46.8	46.9
GE 6000	41.0	42.7	45.4	47.2	47.6	47.8	48.0	48.4	48.5
GE 5000	44.2	46.0	48.8	51.0	51.6	51.8	52.0	52.4	52.7
GE 4500	47.7	49.6	52.3	54.5	55.2	55.4	55.8	56.2	56.4
GE 4000	51.2	53.3	56.3	58.8	59.4	59.7	60.0	60.4	60.7
GE 3500	55.4	57.8	61.0	63.6	64.2	64.4	64.8	65.2	65.4
GE 3000	59.1	61.6	64.9	67.4	68.1	68.3	68.7	69.1	69.3
GE 2500	61.0	64.0	67.6	70.3	71.0	71.2	71.6	72.2	72.4
GE 2000	64.1	67.2	71.2	74.3	75.3	75.6	76.0	76.7	77.0
GE 1800	64.4	67.6	71.7	74.8	75.9	76.1	76.6	77.2	77.5
GE 1500	66.4	69.6	74.1	77.2	78.6	78.8	79.2	79.9	80.2
GE 1200	67.3	70.4	75.2	78.9	80.2	80.4	80.9	81.6	81.9
GE 1000	68.1	71.4	76.6	80.3	81.9	82.2	82.9	83.6	83.9
GE 900	68.2	71.7	76.8	80.6	82.1	82.4	83.1	83.8	84.1
GE 800	68.6	72.1	77.4	81.2	82.9	83.2	83.9	84.6	84.9
GE 700	68.7	72.2	77.8	81.6	83.8	84.1	84.3	85.6	85.9
GE 600	68.8	72.3	77.9	81.7	84.1	84.4	85.2	86.0	86.3
GE 500	68.9	72.8	78.4	82.2	85.0	85.4	86.2	87.1	87.4
GE 400	68.9	72.8	78.4	82.3	85.4	85.9	86.7	87.8	88.1
GE 300	69.0	72.9	78.6	82.4	85.6	86.0	87.2	88.8	89.1
GE 200	69.0	72.9	78.6	82.4	85.6	86.1	87.3	89.1	89.4
GE 100	69.0	72.9	78.6	82.4	85.6	86.1	87.3	89.1	89.4
GE 000	69.0	72.9	78.6	82.4	85.6	86.1	87.3	89.1	89.4

TOTAL NUMBER OF OBSERVATIONS 900

A

D - 2 - 7

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 06-08

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
34.1	34.4	34.6	35.2	35.3	35.3	35.7	35.8	36.6	37.2
35.2	35.7	36.3	37.4	37.6	37.6	37.9	38.0	38.9	39.6
35.5	37.0	37.1	37.8	37.9	37.9	38.2	38.3	39.2	39.3
35.5	37.0	37.1	37.8	37.9	37.9	38.2	38.3	39.2	39.9
37.5	38.0	38.1	38.8	38.9	38.9	39.2	39.3	40.2	40.9
38.9	39.3	39.4	40.1	40.2	40.2	40.6	40.7	41.6	42.2
41.2	41.7	41.8	42.4	42.6	42.6	42.9	43.0	43.9	44.8
41.4	41.9	42.1	42.7	42.8	42.8	43.1	43.2	44.1	45.0
44.6	45.0	45.1	45.8	45.9	45.9	46.2	46.3	47.2	48.1
46.3	46.8	46.9	47.6	47.7	47.7	48.0	48.1	49.0	49.9
48.0	48.4	48.5	49.2	49.3	49.3	49.7	49.8	50.7	51.6
52.0	52.4	52.7	53.4	53.6	53.6	53.9	54.0	54.9	55.8
55.3	55.2	55.4	57.2	57.3	57.3	57.7	57.8	58.7	59.6
60.0	60.4	60.7	61.4	61.6	61.6	61.9	62.0	62.9	63.8
64.6	65.2	65.4	66.2	66.3	66.3	66.7	66.8	67.7	68.6
68.7	69.1	69.3	70.1	70.2	70.2	70.6	70.7	71.6	72.4
71.6	72.2	72.4	73.2	73.3	73.3	73.7	73.8	74.7	75.6
76.0	76.7	77.0	77.8	77.9	77.9	78.2	78.3	79.2	80.1
76.6	77.2	77.6	78.3	78.4	78.4	78.8	78.9	79.8	80.7
79.2	79.9	80.2	81.0	81.1	81.1	81.4	81.6	82.4	83.3
80.9	81.6	81.9	82.7	82.8	82.8	83.1	83.2	84.1	85.0
82.9	83.6	83.9	84.7	84.8	84.8	85.1	85.2	86.2	87.1
83.1	83.8	84.1	84.9	85.0	85.0	85.3	85.4	86.4	87.3
83.9	84.6	84.9	85.9	86.0	86.0	86.3	86.4	87.4	88.3
84.8	85.6	85.9	86.9	87.0	87.0	87.3	87.4	88.4	89.3
85.2	86.0	86.3	87.3	87.6	87.6	87.9	88.0	89.0	90.0
86.2	87.1	87.6	88.6	88.9	88.9	89.2	89.4	90.6	91.7
86.7	87.8	88.3	89.4	89.8	89.8	90.2	90.4	91.6	92.9
87.2	88.8	89.3	90.9	91.8	91.8	92.6	93.1	94.2	95.8
87.3	89.1	89.7	91.4	92.4	92.4	93.4	94.6	96.1	98.1
87.3	89.1	89.7	91.4	92.7	92.7	93.7	94.8	96.6	99.8
87.3	89.1	89.7	91.4	92.7	92.7	93.7	94.8	96.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LSI IO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	33.3	34.1	35.2	35.3	35.6	35.7	35.8	35.8	35
GE 20000	37.4	38.3	39.7	39.8	40.0	40.1	40.2	40.2	40
GE 18000	37.8	38.7	40.0	40.1	40.3	40.4	40.6	40.6	40
GE 16000	38.1	39.0	40.3	40.4	40.7	40.8	40.9	40.9	40
GE 14000	39.7	40.6	41.9	42.0	42.2	42.3	42.4	42.4	42
GE 12000	40.9	41.8	43.1	43.2	43.4	43.6	43.7	43.7	43
GE 10000	44.2	45.1	46.4	46.6	46.9	47.0	47.1	47.1	47
GE 9000	45.1	46.0	47.3	47.4	47.8	47.9	48.0	48.0	48
GE 8000	47.8	48.8	50.2	50.3	50.7	50.8	50.9	50.9	50
GE 7000	48.9	50.0	51.4	51.6	51.9	52.0	52.1	52.1	52
GE 6000	49.3	50.6	52.0	52.1	52.4	52.6	52.7	52.7	52
GE 5000	52.1	53.3	54.9	55.1	55.7	55.3	55.9	55.9	55
GE 4500	54.2	55.6	57.1	57.4	58.1	58.2	58.4	58.4	58
GE 4000	57.9	59.6	61.2	61.7	62.3	62.4	62.7	62.7	62
GE 3500	62.6	64.3	66.1	66.7	67.3	67.4	67.7	67.7	67
GE 3000	70.3	72.2	74.1	75.1	76.1	76.2	76.4	76.4	76
GE 2500	74.0	76.0	77.9	79.0	80.2	80.3	80.6	80.6	80
GE 2000	77.6	79.6	81.6	82.8	84.2	84.3	84.6	84.6	84
GE 1800	78.4	80.4	82.4	83.9	85.3	85.4	85.7	85.7	85
GE 1500	80.1	82.2	84.3	86.2	87.7	87.8	88.0	88.0	88
GE 1200	81.7	84.0	86.2	88.3	89.8	89.9	90.1	90.1	90
GE 1000	82.6	85.0	87.3	89.8	91.4	91.6	91.9	92.0	92
GE 900	82.6	85.2	87.6	90.0	91.7	91.8	92.1	92.2	92
GE 800	82.8	85.6	87.9	90.4	92.3	92.6	92.9	93.0	93
GE 700	82.9	85.8	88.1	90.8	93.1	93.3	93.8	94.0	94
GE 600	83.0	85.9	88.6	91.2	93.8	94.0	94.4	94.7	95
GE 500	83.2	86.3	89.1	91.9	94.4	94.7	95.9	96.3	96
GE 400	83.2	86.3	89.1	91.9	94.4	94.7	96.1	96.8	97
GE 300	83.2	86.3	89.1	91.9	94.7	94.9	95.3	97.1	97
GE 200	83.2	86.3	89.1	91.9	94.8	95.0	96.4	97.2	97
GE 100	83.2	86.3	89.1	91.9	94.8	95.0	96.4	97.2	97
GE 000	83.2	86.3	89.1	91.9	94.8	95.0	96.4	97.2	97

TOTAL NUMBER OF OBSERVATIONS 900

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 09-11

TY IN STATUTE MILES									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8
40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.4
43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7	43.7
47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7	62.7
67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
76.4	76.4	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
80.6	80.6	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
84.6	84.6	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
88.0	88.0	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
90.1	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
91.9	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
92.1	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
92.9	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
93.8	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
94.4	94.7	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
95.9	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9
96.1	96.9	97.4	97.7	98.1	98.1	98.1	98.1	98.1	98.1
95.3	97.1	97.8	98.4	99.1	99.1	99.1	99.1	99.1	99.1
96.4	97.2	97.9	98.8	99.6	99.6	99.7	99.8	99.8	99.8
96.4	97.2	97.9	98.8	99.6	99.6	99.7	99.9	99.9	99.9
96.4	97.2	97.9	98.8	99.6	99.6	99.7	99.9	99.9	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	C
NO CEIL	42.2	42.7	43.2	43.2	43.4	43.4	43.4	43.4	43	
GE 20000	48.4	49.0	49.6	49.8	50.0	50.0	50.0	50.0	50	
GE 18000	48.7	49.2	49.8	50.0	50.2	50.2	50.2	50.2	50	
GE 16000	48.7	49.2	49.8	50.0	50.2	50.2	50.2	50.2	50	
GE 14000	50.2	50.8	51.3	51.6	51.8	51.8	51.8	51.8	51	
GE 12000	51.7	52.2	52.8	53.0	53.2	53.2	53.2	53.2	53	
GE 10000	54.2	54.8	55.3	55.6	55.8	55.8	55.8	55.8	55	
GE 9000	55.0	55.6	56.1	56.3	56.6	56.6	56.6	56.6	56	
GE 8000	56.3	56.9	57.6	57.9	58.1	58.1	58.1	58.1	58	
GE 7000	57.8	58.3	59.0	59.3	59.6	59.6	59.6	59.6	59	
GE 6000	59.1	59.7	60.3	60.7	60.9	60.9	60.9	60.9	60	
GE 5000	62.7	63.4	64.1	64.4	64.7	64.7	64.7	64.7	64	
GE 4500	65.2	66.3	67.2	67.6	67.9	67.9	67.9	67.9	67	
GE 4000	70.4	71.0	72.0	72.3	72.7	72.7	72.7	72.7	72	
GE 3500	74.9	75.9	77.0	77.4	77.9	77.9	77.9	77.9	77	
GE 3000	83.3	84.7	86.4	87.0	87.4	87.6	87.7	87.7	87	
GE 2500	87.6	89.1	91.0	91.6	92.0	92.1	92.2	92.3	92	
GE 2000	89.4	91.1	93.4	94.0	94.6	94.7	94.8	94.9	94	
GE 1800	89.8	91.6	93.9	94.4	95.0	95.1	95.2	95.3	95	
GE 1500	91.0	92.9	95.3	96.1	97.0	97.1	97.2	97.3	97	
GE 1200	91.3	93.4	95.9	96.8	97.7	97.8	97.9	98.0	98	
GE 1000	91.6	93.7	96.2	97.1	98.2	98.3	98.4	98.6	98	
GE 900	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.7	98	
GE 800	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.7	98	
GE 700	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.7	98	
GE 600	91.6	93.7	96.2	97.1	98.3	98.4	98.6	98.9	99	
GE 500	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99	
GE 400	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99	
GE 300	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99	
GE 200	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99	
GE 100	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99	
GE 000	91.6	93.7	96.2	97.1	98.3	98.6	98.8	99.3	99	

TOTAL NUMBER OF OBSERVATIONS 900

A

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 75 - MAY 88
MONTH: SEP HOURS: 12-14

TY IN STATUTE MILES									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8	51.8
53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9	67.9
72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7	87.7
92.2	92.3	92.3	92.7	92.7	92.7	92.7	92.7	92.7	92.7
94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
95.2	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
97.2	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
97.9	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.4	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.6	98.7	98.7	99.0	99.0	99.0	99.0	99.0	99.0	99.0
98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.6	98.7	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.6	98.9	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
98.8	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
98.8	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	49.0	49.0	49.6	49.6	49.7	49.7	49.7	49.7	49
GE 20000	54.4	54.6	55.2	55.3	55.4	55.4	55.4	55.4	55
GE 18000	55.2	55.3	56.0	56.1	56.2	56.2	56.2	56.2	56
GE 16000	55.2	55.3	56.0	56.1	56.2	56.2	56.2	56.2	56
GE 14000	57.3	57.4	58.1	58.3	58.4	58.4	58.4	58.4	58
GE 12000	57.8	57.9	58.6	58.8	58.9	58.9	58.9	58.9	58
GE 10000	60.2	60.3	61.1	61.3	61.4	61.4	61.4	61.4	61
GE 9000	60.2	60.3	61.1	61.3	61.4	61.4	61.4	61.4	61
GE 8000	62.6	62.7	63.4	63.7	63.8	63.8	63.8	63.8	63
GE 7000	63.6	63.7	64.4	64.7	64.8	64.8	64.8	64.8	64
GE 6000	64.9	65.0	65.8	66.0	66.1	66.1	66.1	66.1	66
GE 5000	71.0	71.4	72.2	72.4	72.8	72.8	72.8	72.8	72
GE 4500	74.0	74.6	75.7	76.0	76.3	76.3	76.3	76.3	76
GE 4000	79.2	80.0	81.4	81.8	82.1	82.2	82.2	82.2	82
GE 3500	82.7	83.4	85.1	85.6	85.9	86.0	86.1	86.1	86
GE 3000	88.3	89.1	91.7	92.2	92.9	93.0	93.1	93.1	93
GE 2500	89.3	90.2	93.1	93.7	94.6	94.7	94.9	94.9	94
GE 2000	91.7	92.8	95.3	95.4	97.3	97.6	97.8	97.8	97
GE 1800	91.8	93.0	96.1	96.8	97.8	98.0	98.2	98.2	98
GE 1500	92.2	93.6	96.7	97.4	98.7	98.9	99.1	99.1	99
GE 1200	92.3	93.7	96.8	97.6	98.8	99.0	99.2	99.2	99
GE 1000	92.3	93.7	96.8	97.6	98.8	99.0	99.2	99.2	99
GE 900	92.4	93.8	96.9	97.8	99.0	99.2	99.4	99.4	99
GE 800	92.4	93.8	96.9	97.9	99.1	99.3	99.6	99.6	99
GE 700	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 600	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 500	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 400	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 300	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 200	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 100	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99
GE 000	92.4	93.8	96.9	97.9	99.3	99.6	99.8	99.8	99

TOTAL NUMBER OF OBSERVATIONS 900

A

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 15-17

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.6	99.6	99.6	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRE
FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	55.8	56.1	56.9	56.9	56.9	56.9	56.9	57.0	57.
GE 20000	59.4	59.9	60.7	60.7	60.8	60.8	60.8	60.9	60.
GE 18000	59.7	60.1	60.9	60.9	61.0	61.0	61.0	61.1	61.
GE 16000	60.0	60.4	61.2	61.2	61.3	61.3	61.3	61.4	61.
GE 14000	60.7	61.3	62.1	62.1	62.2	62.2	62.2	62.3	62.
GE 12000	61.1	61.8	62.6	62.6	62.7	62.7	62.7	62.8	62.
GE 10000	63.0	63.7	64.7	64.8	64.9	64.9	64.9	65.0	65.
GE 9000	63.2	63.9	64.9	65.0	65.1	65.1	65.1	65.2	65.
GE 8000	66.1	66.8	67.8	67.9	68.0	68.0	68.0	68.1	68
GE 7000	66.9	67.6	68.6	68.7	68.8	68.8	68.8	68.9	68
GE 6000	68.8	69.0	70.0	70.1	70.2	70.2	70.2	70.3	70
GE 5000	73.3	74.1	75.2	75.3	75.4	75.4	75.4	75.6	75
GE 4500	77.0	77.8	78.9	79.0	79.1	79.1	79.1	79.2	79
GE 4000	81.0	81.9	83.0	83.3	83.4	83.4	83.4	83.6	83
GE 3500	84.8	85.8	87.1	87.6	87.7	87.7	87.7	87.9	87
GE 3000	88.1	89.2	90.6	91.6	91.9	91.9	92.1	92.3	92
GE 2500	89.7	90.8	92.3	93.4	94.0	94.0	94.2	94.4	94
GE 2000	91.4	92.8	94.5	95.8	96.4	96.4	96.7	96.9	96
GE 1800	91.8	93.1	94.9	96.1	96.8	96.8	97.0	97.2	97
GE 1500	92.8	94.1	95.9	97.2	98.0	98.0	98.2	98.4	98
GE 1200	93.0	94.3	96.1	97.4	98.2	98.2	98.6	98.8	98
GE 1000	93.1	94.4	96.2	97.6	98.3	98.3	99.0	99.2	99
GE 900	93.1	94.4	96.2	97.6	98.4	98.4	99.1	99.3	99
GE 800	93.1	94.4	96.3	97.7	98.6	98.6	99.2	99.4	99
GE 700	93.1	94.4	96.3	97.7	98.6	98.6	99.3	99.6	99
GE 600	93.1	94.4	96.3	97.7	98.6	98.6	99.4	99.7	99
GE 500	93.1	94.4	96.3	97.7	98.6	98.6	99.4	99.7	99
GE 400	93.1	94.4	96.3	97.7	98.6	98.6	99.4	99.7	99
GE 300	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99
GE 200	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99
GE 100	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99
GE 000	93.1	94.4	96.3	97.7	98.6	98.6	99.6	99.8	99

TOTAL NUMBER OF OBSERVATIONS 900

A

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: SEP HOURS: 18-20

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
64.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
65.1	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
75.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
79.1	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6	83.6
87.7	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
92.1	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
96.7	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
98.2	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
98.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
99.6	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURREN
USAFETAC, ASHEVILLE NC FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	55.4	55.8	56.9	57.2	57.6	57.7	57.9	57.9	57.
GE 20000	58.9	59.2	60.3	60.7	61.0	61.1	61.3	61.3	61.
GE 18000	59.1	59.4	60.6	60.9	61.2	61.3	61.6	61.6	61.
GE 16000	59.2	59.5	60.7	61.0	61.3	61.4	61.7	61.7	61.
GE 14000	59.6	59.9	61.0	61.3	61.7	61.8	62.0	62.0	62.
GE 12000	60.0	60.3	61.4	61.8	62.1	62.2	62.4	62.4	62.
GE 10000	61.6	61.9	63.0	63.3	63.7	63.8	64.0	64.0	64.
GE 9000	61.8	62.1	63.2	63.5	63.9	64.0	64.2	64.2	64.
GE 8000	65.0	65.3	66.4	66.8	67.2	67.3	67.5	67.6	67.
GE 7000	66.9	67.2	68.3	68.7	69.2	69.3	69.6	69.6	69.
GE 6000	67.9	68.2	69.3	69.7	70.2	70.3	70.6	70.6	70.
GE 5000	73.2	73.5	74.7	75.0	75.6	75.7	75.9	75.9	75.
GE 4500	76.6	76.9	78.0	78.3	78.9	79.0	79.2	79.2	79.
GE 4000	80.1	80.4	81.7	82.0	82.6	82.7	82.9	82.9	82.
GE 3500	84.4	84.8	86.0	86.3	86.9	87.0	87.2	87.2	87.
GE 3000	87.8	88.1	90.0	90.3	91.2	91.3	91.5	91.6	91.
GE 2500	88.2	88.7	90.7	91.0	92.0	92.1	92.3	92.3	92.
GE 2000	90.9	91.3	93.5	93.9	95.1	95.2	95.5	95.5	95.
GE 1800	91.1	91.5	93.8	94.2	95.6	95.7	96.0	96.0	96.
GE 1500	92.0	92.4	94.8	95.4	97.0	97.1	97.4	97.4	97.
GE 1200	92.2	92.7	95.2	95.8	97.7	97.8	98.1	98.1	98.
GE 1000	92.5	93.0	95.6	96.3	98.0	98.1	98.4	98.4	98.
GE 900	92.8	93.2	95.8	96.6	98.2	98.3	98.7	98.7	98.
GE 800	92.8	93.2	95.8	96.6	98.2	98.3	98.7	98.7	98.
GE 700	92.8	93.3	95.9	96.7	98.3	98.4	98.8	98.8	98.
GE 600	92.8	93.3	95.9	96.7	98.3	98.4	98.9	98.9	98
GE 50	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 400	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 300	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 200	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 100	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99
GE 000	92.8	93.3	95.9	96.8	98.4	98.6	99.1	99.1	99

TOTAL NUMBER OF OBSERVATIONS 900

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS: 21-23

CEILING IN STATUTE MILES									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
57.9	57.9	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
61.3	61.3	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4
61.6	61.6	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.7
61.7	61.7	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8
62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
62.4	62.4	62.4	62.5	62.5	62.6	62.6	62.6	62.5	62.6
64.0	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1
64.2	64.2	64.2	64.3	64.3	64.3	64.3	64.3	64.3	64.3
67.6	67.6	67.6	67.8	67.8	67.8	67.8	67.8	67.8	67.8
69.6	69.6	69.6	69.8	69.8	69.8	69.8	69.8	69.8	69.8
70.6	70.6	70.6	70.6	70.8	70.8	70.8	70.8	70.8	70.8
75.9	75.9	75.9	76.1	76.1	76.1	76.1	76.1	76.1	76.1
79.2	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4
82.9	82.9	82.9	83.1	83.1	83.1	83.1	83.1	83.1	83.1
87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
91.6	91.6	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
92.3	92.3	92.3	92.5	92.6	92.6	92.6	92.6	92.6	92.6
95.6	95.6	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
98.1	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
98.4	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7
98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
98.9	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.4
99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	99.9
99.1	99.1	99.1	99.3	99.3	99.3	99.4	99.4	99.4	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	43.3	43.9	45.0	45.5	46.0	46.1	46.2	46.4	46.
GE 20000	46.9	47.6	48.8	49.4	49.8	49.9	50.1	50.2	50.
GE 18000	47.2	47.9	49.1	49.7	50.1	50.2	50.4	50.5	50.
GE 16000	47.3	48.0	49.2	49.8	50.2	50.3	50.5	50.6	50.
GE 14000	48.2	49.0	50.1	50.8	51.2	51.3	51.5	51.6	51.
GE 12000	49.1	49.9	51.1	51.7	52.2	52.3	52.4	52.6	52.
GE 10000	51.4	52.2	53.4	54.1	54.5	54.6	54.8	54.9	55.
GE 9000	51.3	52.5	53.8	54.5	54.9	55.0	55.2	55.4	55.
GE 8000	54.5	55.3	56.6	57.3	57.8	57.9	58.0	58.2	58.
GE 7000	55.7	56.3	58.1	58.8	59.3	59.4	59.6	59.8	59.
GE 6000	57.3	58.2	59.5	60.2	60.8	60.9	61.0	61.2	61.
GE 5000	61.5	62.5	63.9	64.3	65.4	65.5	65.7	65.8	65.
GE 4500	64.3	65.9	67.4	68.3	68.9	69.0	69.2	69.4	69.
GE 4000	68.9	70.2	71.8	72.8	73.5	73.6	73.8	74.0	74.
GE 3500	72.9	74.3	76.1	77.2	77.9	78.1	78.3	78.4	78.
GE 3000	77.9	79.3	81.5	82.7	83.7	83.8	84.1	84.3	84.
GE 2500	80.0	81.5	83.9	85.2	86.3	86.4	86.7	86.9	87.
GE 2000	82.5	84.2	86.7	88.1	89.3	89.5	89.8	90.0	90.
GE 1800	83.0	84.7	87.2	88.7	89.9	90.1	90.4	90.6	90.
GE 1500	84.3	86.1	88.7	90.3	91.8	91.9	92.2	92.4	92.
GE 1200	85.1	86.9	89.6	91.4	92.8	92.9	93.3	93.5	93.
GE 1000	85.5	87.4	90.1	92.0	93.5	93.7	94.1	94.3	94.
GE 900	85.7	87.6	90.3	92.2	93.8	93.9	94.3	94.6	94.
GE 800	85.8	87.7	90.5	92.4	94.0	94.2	94.6	94.9	95.
GE 700	85.9	87.9	90.7	92.6	94.4	94.6	95.0	95.3	95.
GE 600	86.1	88.0	90.9	92.8	94.7	94.8	95.3	95.7	95.
GE 500	86.1	88.2	91.2	93.1	95.0	95.3	95.9	96.3	96.
GE 400	86.1	88.2	91.2	93.2	95.2	95.4	96.1	96.6	96.
GE 300	86.2	88.2	91.2	93.2	95.3	95.5	96.3	96.9	97.
GE 200	86.2	88.2	91.2	93.2	95.4	95.6	96.4	97.0	97.
GE 100	86.2	88.3	91.2	93.3	95.4	95.6	96.5	97.1	97.
GE 000	86.2	88.3	91.2	93.3	95.4	95.6	96.5	97.1	97.

TOTAL NUMBER OF OBSERVATIONS 7200

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: SEP HOURS: ALL

Y IN STATUTE MILES									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
46.2	46.4	46.4	46.6	46.6	46.6	46.7	46.8	46.8	47.0
50.1	50.2	50.3	50.4	50.5	50.5	50.6	50.6	50.7	50.8
50.4	50.5	50.6	50.8	50.8	50.8	50.9	50.9	51.0	51.2
50.5	50.6	50.7	50.8	50.9	50.9	51.0	51.0	51.1	51.3
51.5	51.6	51.7	51.8	51.9	51.9	52.0	52.0	52.1	52.3
52.4	52.6	52.6	52.8	52.9	52.8	52.9	53.0	53.1	53.2
54.8	54.9	55.0	55.2	55.2	55.2	55.3	55.3	55.4	55.6
55.2	55.4	55.4	55.5	55.6	55.6	55.7	55.8	55.9	56.0
58.0	58.2	58.2	58.4	58.5	58.5	58.6	58.6	58.7	58.9
59.6	59.8	59.8	60.0	60.0	60.0	60.1	60.2	60.3	60.4
61.0	61.2	61.2	61.4	61.5	61.5	61.6	61.6	61.7	61.9
65.7	65.8	65.9	66.1	66.1	66.1	66.3	66.3	66.4	66.5
69.2	69.4	69.4	69.7	69.7	69.7	69.8	69.8	69.9	70.1
73.8	74.0	74.0	74.2	74.3	74.3	74.4	74.4	74.5	74.7
78.3	78.4	78.5	78.7	78.8	78.8	78.9	78.9	79.0	79.2
84.1	84.3	84.3	84.5	84.6	84.6	84.7	84.7	84.8	85.0
86.7	86.9	87.0	87.2	87.3	87.3	87.4	87.4	87.5	87.7
89.8	90.0	90.1	90.3	90.3	90.4	90.5	90.5	90.6	90.8
90.4	90.6	90.7	90.9	91.0	91.0	91.1	91.1	91.2	91.4
92.2	92.4	92.5	92.8	92.8	92.8	92.9	92.9	93.0	93.2
93.3	93.5	93.6	93.8	93.9	93.9	94.0	94.0	94.1	94.3
94.1	94.3	94.4	94.7	94.7	94.7	94.8	94.8	95.0	95.1
94.3	94.6	94.7	95.0	95.0	95.0	95.1	95.1	95.3	95.4
94.6	94.9	95.0	95.3	95.4	95.4	95.5	95.5	95.6	95.8
95.0	95.3	95.4	95.7	95.8	95.8	95.9	95.9	96.0	96.2
95.2	95.7	95.8	96.2	96.2	96.2	96.3	96.3	96.5	96.6
95.9	96.3	96.4	96.8	96.9	96.9	97.0	97.1	97.2	97.4
96.1	96.6	96.8	97.2	97.3	97.4	97.5	97.5	97.7	97.9
96.3	96.9	97.1	97.7	97.9	97.9	98.1	98.2	98.3	98.6
96.4	97.0	97.2	97.8	98.2	98.2	98.4	98.6	98.9	99.2
96.5	97.1	97.3	97.9	98.3	98.3	98.6	98.8	99.1	99.9
96.5	97.1	97.3	97.9	98.3	98.3	98.6	98.8	99.1	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	G 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	28.1	30.6	33.2	36.9	40.5	40.9	43.0	43.5	44
GE 20000	29.2	32.0	34.6	38.4	42.4	42.7	44.9	45.5	46
GE 18000	29.2	32.0	34.6	38.4	42.4	42.7	44.9	45.5	46
GE 16000	29.2	32.0	34.6	38.4	42.4	42.7	44.9	45.5	46
GE 14000	29.5	32.3	34.8	38.6	42.6	42.9	45.2	45.7	46
GE 12000	30.3	33.1	35.7	39.5	43.4	43.8	46.0	46.6	47
GE 10000	33.7	36.6	39.1	42.9	47.3	47.6	49.9	50.5	51
GE 9000	33.9	36.8	39.4	43.1	47.6	48.0	50.2	50.9	51
GE 8000	35.5	38.4	41.0	44.9	49.7	50.0	52.3	52.9	53
GE 7000	37.2	40.2	43.3	47.4	52.2	52.5	54.7	55.4	56
GE 6000	38.6	41.6	44.7	48.8	53.5	53.9	56.1	56.8	57
GE 5000	43.0	46.1	49.5	53.5	58.6	58.9	61.4	62.0	62
GE 4500	45.2	48.4	52.0	56.1	61.2	61.5	64.0	64.6	65
GE 4000	48.8	52.2	55.3	60.5	65.8	66.1	68.8	69.5	70
GE 3500	52.3	55.7	59.9	64.2	69.6	69.9	72.7	73.3	74
GE 3000	55.3	58.7	63.2	67.5	73.1	73.4	76.7	77.5	78
GE 2500	57.3	60.8	65.5	69.9	75.7	76.0	79.4	80.2	80
GE 2000	59.7	63.4	68.4	73.0	78.9	79.2	82.6	83.4	84
GE 1800	59.8	63.5	68.6	73.2	79.4	79.7	83.0	83.9	84
GE 1500	60.3	64.5	69.6	74.5	80.6	81.0	84.3	85.2	86
GE 1200	61.0	64.7	69.9	74.8	81.0	81.3	84.6	85.5	86
GE 1000	61.2	64.9	70.1	75.1	81.2	81.5	85.1	85.9	86
GE 900	61.2	64.9	70.1	75.1	81.2	81.5	85.1	85.9	86
GE 800	61.3	65.1	70.3	75.3	81.5	81.8	85.4	86.2	86
GE 700	61.3	65.1	70.3	75.3	81.5	81.8	85.4	86.2	86
GE 600	61.3	65.1	70.4	75.4	81.7	82.0	85.9	86.8	87
GE 500	61.3	65.2	70.6	75.6	82.0	82.4	86.3	87.4	88
GE 400	61.3	65.2	70.8	75.7	82.2	82.5	86.5	87.5	88
GE 300	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.0	89
GE 200	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.0	89
GE 100	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.1	89
GE 000	61.3	65.2	71.0	75.9	82.5	82.8	86.9	88.1	89

TOTAL NUMBER OF OBSERVATIONS 930

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 00-02

CEILING IN HUNDREDS OF FEET

VISIBILITY IN STATUTE MILES:									
GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.0	43.5	44.2	45.9	46.3	46.3	46.6	47.0	47.4	48.2
44.9	45.5	46.1	47.8	48.3	48.3	48.5	48.9	49.4	50.1
44.9	45.5	46.1	47.8	48.3	48.3	48.5	48.9	49.4	50.1
44.9	45.5	46.1	47.8	48.3	48.3	48.5	48.9	49.4	50.1
45.2	45.7	46.3	48.1	48.5	48.5	48.7	49.1	49.6	50.3
46.0	46.5	47.2	48.9	49.4	49.4	49.6	50.0	50.4	51.2
49.9	50.5	51.2	52.9	53.3	53.3	53.5	54.0	54.4	55.2
50.2	50.9	51.5	53.2	53.7	53.7	53.9	54.3	54.7	55.5
52.3	52.9	53.5	55.3	55.7	55.7	55.9	56.3	56.8	57.5
54.7	55.4	56.0	57.7	58.2	58.2	58.4	58.8	59.2	60.0
56.1	56.8	57.4	59.1	59.6	59.6	59.8	60.2	60.6	61.4
61.4	62.0	62.7	64.4	64.8	64.8	65.1	65.5	65.9	66.7
64.0	64.6	65.3	67.0	67.5	67.5	67.7	68.2	68.6	69.4
68.8	69.5	70.1	71.8	72.4	72.4	72.6	73.0	73.4	74.2
72.7	73.3	74.0	75.7	76.2	76.2	76.5	76.9	77.3	78.1
76.7	77.5	78.2	79.9	80.4	80.4	80.6	81.1	81.5	82.3
79.4	80.2	80.9	82.6	83.2	83.2	83.4	83.9	84.3	85.1
82.6	83.4	84.1	85.8	86.6	86.6	86.8	87.2	87.6	88.4
83.0	83.9	84.5	86.2	87.0	87.0	87.2	87.6	88.1	88.8
84.3	85.2	85.8	87.5	88.3	88.3	88.5	88.9	89.4	90.1
84.6	85.5	86.1	87.8	88.6	88.6	88.8	89.2	89.7	90.4
85.1	85.9	86.6	88.3	89.0	89.0	89.2	89.7	90.1	90.9
85.1	85.9	86.6	88.3	89.0	89.0	89.2	89.7	90.1	90.9
85.4	86.2	86.9	88.6	89.4	89.4	89.6	90.0	90.4	91.2
85.4	86.2	86.9	88.6	89.4	89.4	89.6	90.0	90.4	91.2
85.9	86.8	87.4	89.2	90.0	90.0	90.2	90.6	91.1	91.8
86.3	87.4	88.1	89.9	90.8	90.8	91.0	91.4	91.8	92.6
86.5	87.5	88.2	90.0	90.9	90.9	91.3	91.7	92.2	92.9
86.9	88.0	88.6	90.6	91.5	91.5	91.9	92.4	92.8	93.5
86.9	88.0	88.6	90.9	91.8	91.8	92.5	92.9	93.3	94.3
86.9	88.1	88.7	91.1	92.3	92.3	92.9	94.1	95.1	99.0
86.9	88.1	88.7	91.1	92.3	92.3	92.9	94.1	95.1	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	20.9	22.6	24.8	27.2	29.8	30.4	32.0	32.8	33.
GE 20000	21.5	23.2	26.1	28.7	31.3	31.9	33.5	34.3	34.
GE 18000	21.6	23.3	26.2	28.8	31.4	32.0	33.7	34.4	34.
GE 16000	21.6	23.3	26.2	28.3	31.4	32.0	33.7	34.4	34.
GE 14000	22.5	24.2	27.1	29.7	32.3	32.9	34.6	35.4	35.
GE 12000	23.0	24.7	27.6	30.2	32.8	33.4	35.2	35.9	36.
GE 10000	24.9	26.7	29.8	32.5	35.1	35.7	37.4	38.2	38.
GE 9000	25.2	26.9	30.0	32.8	35.6	36.2	38.0	38.7	39.
GE 8000	27.1	29.0	32.3	35.1	37.8	38.5	40.2	41.0	41.
GE 7000	28.8	31.1	34.4	37.2	40.0	40.6	42.4	43.1	43.
GE 6000	30.9	33.1	36.5	39.2	42.0	42.7	44.4	45.2	45.
GE 5000	33.8	36.1	39.5	42.5	45.3	46.0	48.1	48.8	49.
GE 4500	38.1	40.4	43.9	46.9	49.7	50.4	52.5	53.2	53.
GE 4000	43.4	45.8	50.2	53.3	56.8	57.5	59.8	60.6	61.
GE 3500	46.0	48.6	53.0	56.1	59.8	60.6	62.9	63.8	64.
GE 3000	48.5	51.4	55.8	58.9	63.0	63.9	66.2	67.1	67.
GE 2500	50.1	53.0	57.5	60.6	64.8	65.7	68.2	69.0	69.
GE 2000	52.9	55.8	60.5	63.8	68.0	68.8	71.3	72.4	72.
GE 1800	53.3	56.3	61.2	64.5	68.7	69.6	72.0	73.1	73.
GE 1500	55.4	58.5	63.4	66.8	71.0	71.8	74.3	75.4	75.
GE 1200	55.7	58.8	63.8	67.1	71.3	72.2	74.6	75.7	76.
GE 1000	56.1	59.4	64.3	67.6	71.8	72.7	75.2	76.2	76.
GE 900	56.1	59.4	64.4	67.7	71.9	72.8	75.5	76.5	77.
GE 800	56.2	59.5	64.5	67.8	72.2	73.0	75.8	76.9	77.
GE 700	56.2	59.5	64.7	68.2	72.5	73.3	76.1	77.2	77.
GE 600	56.3	59.6	64.8	68.4	72.8	73.7	76.5	77.5	78.
GE 500	56.3	59.6	64.8	68.6	73.0	73.9	76.8	77.8	78.
GE 400	56.5	59.7	65.1	68.8	73.7	74.5	77.4	78.6	79.
GE 300	56.5	59.7	65.2	68.9	74.1	75.2	78.2	79.4	79.
GE 200	56.5	59.7	65.2	69.0	74.2	75.3	78.5	79.9	80.
GE 100	56.5	59.7	65.2	69.0	74.3	75.4	78.6	80.0	80.
GE 000	56.5	59.7	65.2	69.0	74.3	75.4	78.6	80.0	80.

TOTAL NUMBER OF OBSERVATIONS 930

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

R WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 03-05

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
32.0	32.8	33.1	34.2	34.8	34.9	35.5	35.6	35.7	37.0
33.5	34.3	34.6	35.7	36.3	36.5	37.0	37.1	37.2	38.5
33.7	34.4	34.7	35.8	36.5	36.6	37.1	37.2	37.3	38.6
33.7	34.4	34.7	35.8	36.5	36.6	37.1	37.2	37.3	38.6
34.6	35.4	35.7	36.8	37.4	37.5	38.1	38.2	38.3	39.6
35.2	35.9	36.2	37.3	38.0	38.1	38.6	38.7	38.8	40.1
37.4	38.2	38.5	39.6	40.2	40.3	40.9	41.0	41.1	42.4
38.0	38.7	39.1	40.2	40.9	41.0	41.5	41.6	41.7	43.0
40.2	41.0	41.4	42.5	43.1	43.2	43.8	43.9	44.0	45.3
42.4	43.1	43.5	44.6	45.3	45.4	45.9	46.0	46.1	47.4
44.4	45.2	45.6	46.7	47.3	47.4	48.0	48.1	48.2	49.5
48.1	48.8	49.2	50.3	51.0	51.1	51.6	51.7	51.8	53.1
52.5	53.2	53.7	54.7	55.4	55.5	56.0	56.1	56.2	57.5
59.8	60.6	61.1	62.2	62.8	62.9	63.4	63.5	63.7	64.9
62.9	63.8	64.2	65.3	65.9	66.0	66.6	66.7	66.8	68.1
66.2	67.1	67.5	68.6	69.2	69.4	69.9	70.0	70.1	71.4
68.2	69.0	69.5	70.6	71.3	71.4	71.9	72.0	72.2	73.4
71.3	72.4	72.8	74.0	74.8	74.7	75.3	75.4	75.5	76.8
72.0	73.1	73.5	74.7	75.4	75.5	76.0	76.1	76.2	77.5
74.3	75.4	75.8	77.0	77.6	77.7	78.3	78.4	78.6	79.9
74.6	75.7	76.1	77.3	78.0	78.1	78.6	78.7	78.9	80.2
75.2	76.2	76.7	77.8	78.5	78.6	79.1	79.2	79.5	80.8
75.5	76.6	77.0	78.2	78.8	78.9	79.5	79.6	79.8	81.1
75.8	76.9	77.3	78.5	79.1	79.2	79.8	79.9	80.1	81.4
76.1	77.2	77.6	78.8	79.5	79.6	80.1	80.2	80.4	81.7
76.5	77.5	78.0	79.1	79.8	79.9	80.4	80.5	80.8	82.0
76.8	77.8	78.3	79.5	80.1	80.2	80.9	81.0	81.2	82.5
77.4	78.6	79.0	80.3	81.1	81.2	81.8	81.9	82.2	83.5
78.2	79.4	79.8	81.1	81.9	82.2	83.1	83.2	83.4	85.2
78.5	79.9	80.3	82.0	83.4	83.8	85.3	85.5	85.9	98.4
78.6	80.0	80.4	82.6	84.3	84.6	86.5	87.1	88.5	96.7
78.6	80.0	80.4	82.6	84.3	84.6	86.5	87.1	88.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURR
FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	17.7	18.5	19.5	21.2	23.1	23.5	24.5	25.1	25
GE 20000	19.2	20.2	21.9	23.5	25.7	26.1	27.3	27.8	28
GE 18000	19.7	20.6	22.4	24.0	26.3	26.8	28.0	28.5	28
GE 16000	19.7	20.6	22.4	24.0	26.3	26.8	28.0	28.5	28
GE 14000	20.3	21.3	23.2	24.8	27.2	27.6	28.8	29.5	29
GE 12000	21.7	22.7	24.6	26.2	28.6	29.0	30.2	30.9	31
GE 10000	25.9	27.0	29.1	30.8	33.1	33.5	34.7	35.4	36
GE 9000	26.0	27.1	29.2	30.9	33.3	33.8	34.9	35.6	36
GE 8000	27.4	28.5	30.9	32.5	34.9	35.4	36.6	37.2	37
GE 7000	28.7	29.8	32.4	34.0	36.5	36.9	38.1	38.7	38
GE 6000	29.7	30.9	33.4	35.1	37.5	38.0	39.1	39.8	39
GE 5000	33.0	34.2	36.8	38.5	41.0	41.5	42.7	43.3	4
GE 4500	37.0	38.3	41.0	42.7	45.2	45.7	46.9	47.5	4
GE 4000	41.5	42.8	45.7	47.4	50.1	50.6	51.8	52.8	5
GE 3500	44.3	45.6	48.6	50.5	53.5	54.1	55.4	56.3	5
GE 3000	47.2	48.7	52.4	54.3	57.5	58.1	59.4	60.3	6
GE 2500	48.4	50.1	54.1	56.0	59.2	59.9	61.3	62.4	6
GE 2000	50.6	52.4	56.7	58.9	62.2	62.9	64.5	65.7	6
GE 1800	50.6	52.6	57.1	59.4	62.6	63.3	64.9	66.1	6
GE 1500	51.8	53.8	58.3	60.5	64.0	64.7	66.3	67.6	6
GE 1200	52.7	54.6	59.4	61.6	65.1	66.0	67.7	69.0	6
GE 1000	53.7	55.8	60.6	63.0	66.7	67.8	69.6	71.2	7
GE 900	53.8	55.9	61.0	63.3	67.1	68.3	70.1	71.7	7
GE 800	53.9	56.0	61.2	63.7	67.6	68.8	70.6	72.4	7
GE 700	54.0	56.1	61.3	64.1	68.2	69.4	71.2	73.0	7
GE 600	54.0	56.1	61.4	64.3	68.4	69.8	71.6	73.4	7
GE 500	54.1	56.2	61.6	64.5	68.8	70.2	72.0	74.1	7
GE 400	54.2	56.5	61.9	65.2	69.5	70.9	73.1	75.3	7
GE 300	54.2	56.5	61.9	65.2	69.6	71.1	73.5	76.0	7
GE 200	54.3	56.6	62.0	65.3	69.8	71.3	73.8	76.6	7
GE 100	54.3	56.6	62.0	65.3	69.9	71.4	74.0	77.0	7
GE 000	54.3	56.6	62.0	65.3	69.9	71.4	74.0	77.0	7

TOTAL NUMBER OF OBSERVATIONS 930

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: OCT HOURS: 06-08

CEILING IN HUNDREDS OF FEET

VIS GE 2	VIS GE 1 1/2	VIS GE 1 1/4	VIS GE 1	VIS GE 3/4	VIS GE 5/8	VIS GE 1/2	VIS GE 3/8	VIS GE 1/4	VIS GE 0
24.5	25.1	25.1	25.4	25.6	25.6	25.6	25.8	26.0	26.7
27.3	27.8	28.0	28.3	28.5	28.5	28.6	28.8	29.0	29.8
28.0	28.5	28.6	28.9	29.1	29.1	29.2	29.5	29.7	30.4
28.0	28.5	28.6	28.9	29.1	29.1	29.2	29.5	29.7	30.4
28.8	29.5	29.6	29.9	30.1	30.1	30.2	30.4	30.6	31.4
30.2	30.9	31.0	31.3	31.5	31.5	31.7	31.9	32.2	32.9
34.7	35.4	35.5	35.8	36.0	36.0	36.2	36.5	36.7	37.4
34.9	35.6	35.7	36.0	36.2	36.2	36.5	36.7	36.9	37.6
36.6	37.2	37.3	37.6	37.8	37.8	38.1	38.3	38.5	39.2
38.1	38.7	38.8	39.1	39.4	39.4	39.6	39.8	40.0	40.8
39.1	39.8	39.9	40.2	40.4	40.4	40.6	40.9	41.1	41.9
42.7	43.3	43.4	43.8	44.0	44.0	44.2	44.4	44.6	45.4
45.9	47.5	47.6	48.0	48.2	48.2	48.4	48.6	48.8	49.6
51.8	52.8	52.9	53.2	53.4	53.4	53.7	53.9	54.1	54.8
55.4	56.3	56.5	56.8	57.0	57.0	57.2	57.4	57.6	58.4
59.4	60.3	60.4	60.8	61.0	61.0	61.2	61.4	61.6	62.4
61.3	62.4	62.5	62.8	63.0	63.0	63.2	63.4	63.7	64.5
64.5	65.7	65.8	66.2	66.5	66.5	66.7	66.9	67.1	68.0
64.9	66.1	66.2	66.7	66.9	66.9	67.1	67.3	67.5	68.4
66.3	67.6	67.7	68.2	68.4	68.4	68.6	68.8	69.0	70.0
67.7	69.0	69.1	69.6	69.8	69.8	70.0	70.2	70.4	71.4
69.6	71.2	71.3	71.7	71.9	71.9	72.2	72.4	72.6	73.5
70.1	71.7	71.8	72.3	72.5	72.5	72.7	72.9	73.1	74.1
70.6	72.4	72.5	72.9	73.1	73.1	73.3	73.5	73.8	74.7
71.2	73.0	73.1	73.5	73.8	73.8	74.0	74.2	74.4	75.4
71.6	73.4	73.5	74.1	74.3	74.3	74.5	74.7	74.9	75.9
72.0	74.1	74.4	74.9	75.2	75.2	75.4	75.6	75.8	76.8
73.1	75.3	75.5	76.7	77.2	77.2	77.5	78.2	78.4	79.5
73.5	76.0	76.3	77.8	78.8	78.8	79.2	80.0	80.2	81.7
73.8	76.6	76.9	78.7	81.0	81.0	82.2	83.4	83.9	86.8
74.0	77.0	77.3	79.1	82.0	82.0	83.8	85.4	86.6	96.8
74.0	77.0	77.3	79.1	82.0	82.0	83.8	85.4	86.7	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCUR
USAFETAC, ASHEVILLE NC — FROM HOURLY OB

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MI GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	21.7	23.7	24.6	25.3	26.2	26.2	26.3	26.3	2
GE 20000	26.2	28.5	30.0	31.1	32.3	32.3	32.5	32.5	3
GE 18000	26.7	28.9	30.4	31.5	32.7	32.7	32.9	32.9	3
GE 16000	26.7	28.9	30.4	31.5	32.7	32.7	32.9	32.9	3
GE 14000	28.3	30.6	32.2	33.2	34.4	34.4	34.6	34.6	3
GE 12000	29.7	32.0	33.7	34.7	35.9	35.9	36.1	36.1	3
GE 10000	32.2	34.7	36.5	37.6	38.8	38.8	39.0	39.0	3
GE 9000	32.5	35.1	36.8	38.0	39.1	39.1	39.4	39.4	3
GE 8000	34.6	37.3	39.0	40.2	41.4	41.4	41.6	41.6	4
GE 7000	36.6	39.1	41.0	42.3	43.7	43.7	43.9	43.9	4
GE 6000	37.7	40.4	42.3	43.5	44.9	44.9	45.2	45.2	4
GE 5000	41.8	44.6	46.8	48.1	49.5	49.6	49.8	49.8	4
GE 4500	44.1	47.0	49.4	50.8	52.4	52.5	52.7	52.7	5
GE 4000	48.6	51.7	54.3	55.9	57.6	57.8	58.1	58.4	5
GE 3500	52.5	55.7	58.3	60.0	61.8	62.0	62.4	62.7	6
GE 3000	56.5	59.9	62.6	64.4	66.2	66.5	66.8	67.1	6
GE 2500	59.4	63.3	66.2	68.2	70.3	70.5	71.1	71.4	7
GE 2000	61.2	65.4	68.8	70.8	72.9	73.2	74.0	74.3	7
GE 1800	61.6	65.8	69.2	71.3	73.4	73.8	74.5	74.8	7
GE 1500	62.6	66.8	70.3	72.5	74.9	75.4	76.2	76.6	7
GE 1200	63.0	67.2	71.0	73.4	76.0	76.5	77.4	77.8	7
GE 1000	63.7	67.8	71.6	74.7	77.7	78.2	79.1	79.7	8
GE 900	63.3	68.0	71.7	74.8	78.2	78.6	79.7	80.2	8
GE 800	63.8	68.0	71.8	75.2	78.6	79.0	80.3	80.9	8
GE 700	63.9	68.1	71.9	75.4	79.1	79.7	81.0	81.5	8
GE 600	63.9	68.2	72.3	76.0	79.8	80.5	82.2	82.9	8
GE 500	64.2	68.5	72.7	76.7	80.6	81.4	83.4	84.5	8
GE 400	64.2	68.5	72.7	76.7	80.9	81.6	84.0	85.9	8
GE 300	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.8	8
GE 200	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.9	8
GE 100	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.9	8
GE 000	64.2	68.5	72.7	76.8	81.1	81.8	84.5	86.9	8

TOTAL NUMBER OF OBSERVATIONS 930

QUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 09-11

TY IN STATUTE MILES GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.5	26.5
32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.6
32.9	32.9	32.9	32.9	33.0	33.0	33.1	33.1	33.1	33.1
32.9	32.9	32.9	32.9	33.0	33.0	33.1	33.1	33.1	33.1
34.6	34.6	34.6	34.6	34.7	34.7	34.8	34.8	34.8	34.8
36.1	36.1	36.1	36.1	36.2	36.2	36.3	36.3	36.3	36.3
39.0	39.0	39.0	39.0	39.1	39.1	39.2	39.2	39.2	39.2
39.4	39.4	39.4	39.4	39.5	39.5	39.6	39.6	39.6	39.6
41.6	41.6	41.6	41.6	41.7	41.7	41.8	41.8	41.8	41.8
43.9	43.9	44.0	44.0	44.1	44.1	44.2	44.2	44.2	44.2
45.2	45.2	45.3	45.3	45.4	45.4	45.5	45.5	45.5	45.5
49.8	49.8	49.9	49.9	50.0	50.0	50.1	50.1	50.1	50.1
52.7	52.7	52.8	52.8	52.9	52.9	53.0	53.0	53.0	53.0
58.1	58.4	58.5	58.5	58.6	58.6	58.7	58.7	58.7	58.7
62.4	62.7	62.8	62.8	62.9	62.9	63.0	63.0	63.0	63.0
66.8	67.1	67.2	67.2	67.3	67.3	67.4	67.4	67.4	67.4
71.1	71.4	71.6	71.6	71.7	71.7	71.8	71.8	71.8	71.8
74.0	74.3	74.5	74.5	74.6	74.6	74.7	74.7	74.7	74.7
74.6	74.8	75.1	75.1	75.2	75.2	75.3	75.3	75.3	75.3
76.2	76.6	76.8	76.8	76.9	76.9	77.0	77.0	77.0	77.0
77.4	77.8	78.1	78.1	78.2	78.2	78.3	78.3	78.3	78.3
79.1	79.7	80.0	80.1	80.2	80.2	80.3	80.4	80.4	80.4
79.7	80.2	80.6	80.8	80.9	80.9	81.0	81.1	81.1	81.1
80.3	80.9	81.4	81.6	81.7	81.7	81.8	81.9	81.9	81.9
81.0	81.5	82.0	82.4	82.5	82.5	82.6	82.7	82.7	82.7
82.2	82.9	83.4	83.9	84.0	84.0	84.1	84.2	84.2	84.2
83.4	84.5	85.3	86.2	86.5	86.5	86.7	86.8	86.8	86.8
84.0	85.9	87.0	88.4	88.7	88.7	89.0	89.1	89.1	89.1
84.5	86.8	88.2	90.2	90.9	91.0	91.6	91.9	92.0	92.0
84.5	86.9	88.3	90.3	91.6	92.0	93.9	94.3	94.7	94.9
84.5	86.9	88.3	90.3	91.8	92.3	94.1	94.7	95.5	98.9
84.5	86.9	88.3	90.3	91.8	92.3	94.1	94.7	95.5	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	33.2	34.1	34.9	36.1	36.9	36.9	37.3	37.5	37
GE 20000	41.3	42.4	43.4	44.3	45.7	45.7	46.1	46.3	46
GE 18000	41.5	42.6	43.7	45.1	45.9	45.9	46.3	46.5	46
GE 16000	41.7	42.8	43.9	45.3	46.1	46.1	46.6	46.8	46
GE 14000	43.9	44.9	46.0	47.6	48.5	48.5	48.9	49.1	49
GE 12000	45.7	46.8	47.8	49.5	50.3	50.3	50.8	51.0	51
GE 10000	49.1	50.2	51.3	52.9	53.8	53.8	54.2	54.4	54
GE 9000	49.7	50.8	51.8	53.4	54.3	54.3	54.7	54.9	54
GE 8000	51.4	52.7	53.8	55.4	56.2	56.2	56.7	56.9	56
GE 7000	52.5	53.9	54.9	56.6	57.4	57.4	57.8	58.1	58
GE 6000	53.5	54.9	56.0	57.6	58.5	58.5	59.0	59.2	59
GE 5000	56.5	58.1	59.7	61.4	62.4	62.4	62.9	63.1	63
GE 4500	57.3	59.9	61.5	63.3	64.5	64.5	65.2	65.4	65
GE 4000	62.3	64.4	66.1	68.0	69.1	69.1	69.8	70.0	70
GE 3500	68.1	70.4	72.2	74.4	75.7	75.8	76.7	76.9	77
GE 3000	74.6	77.1	79.0	81.4	83.1	83.5	84.4	84.6	84
GE 2500	76.3	79.1	81.1	83.7	85.4	85.8	86.7	86.9	87
GE 2000	78.5	81.5	83.7	86.5	88.4	88.8	89.9	90.1	90
GE 1800	78.9	82.0	84.2	87.0	88.9	89.4	90.4	90.6	90
GE 1500	79.6	83.0	85.5	88.8	90.9	91.3	92.4	92.6	92
GE 1200	79.7	83.3	85.9	89.6	91.8	92.3	93.4	93.7	93
GE 1000	79.9	83.7	86.2	90.2	92.6	93.0	94.5	94.9	95
GE 900	79.9	83.8	86.3	90.3	92.7	93.1	94.7	95.2	95
GE 800	80.0	83.9	86.5	90.5	92.9	93.3	95.1	95.5	95
GE 700	80.0	83.9	86.7	91.0	93.4	94.0	96.0	96.7	96
GE 600	80.0	83.9	86.7	91.0	93.4	94.0	96.2	97.2	97
GE 500	80.0	83.9	86.7	91.0	93.4	94.0	96.5	97.8	98
GE 400	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.2	98
GE 300	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98
GE 200	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98
GE 100	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98
GE 000	80.0	83.9	86.7	91.0	93.4	94.0	96.7	98.3	98

TOTAL NUMBER OF OBSERVATIONS 930

UENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 12-14

Y IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
37.3	37.5	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6
45.1	45.3	45.3	46.5	46.5	46.5	46.5	46.5	46.5	46.5
45.3	45.5	45.5	46.7	46.7	46.7	46.7	46.7	46.7	46.7
45.6	45.8	45.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
48.9	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2
50.8	51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1
54.2	54.4	54.4	54.5	54.5	54.5	54.5	54.5	54.5	54.5
54.7	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1
56.7	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0
57.8	58.1	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
59.0	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
62.9	63.1	63.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2
65.2	65.4	65.5	65.5	65.6	65.6	65.6	65.6	65.6	65.6
69.8	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2
76.7	76.9	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
84.4	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8
86.7	86.9	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1
89.9	90.1	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
90.4	90.6	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.4	92.6	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8
93.4	93.7	93.8	93.9	93.9	93.9	93.9	93.9	93.9	93.9
94.5	94.9	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
94.7	95.2	95.4	95.5	95.5	95.5	95.5	95.5	95.5	95.5
95.1	95.5	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
96.0	96.7	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0
96.2	97.2	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
96.5	97.8	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
96.7	98.2	98.4	98.8	98.9	98.9	98.9	98.9	98.9	98.9
96.7	98.3	98.5	99.1	99.5	99.5	99.5	99.5	99.5	99.5
96.7	98.3	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
96.7	98.3	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0
96.7	98.3	98.5	99.1	99.5	99.5	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	40.4	41.6	42.0	43.0	43.5	43.5	43.5	43.5	43
GE 20000	47.0	48.6	49.1	50.1	50.6	50.6	50.6	50.6	50
GE 18000	47.4	49.0	49.5	50.5	51.1	51.1	51.1	51.1	51
GE 16000	47.5	49.2	49.8	50.8	51.3	51.3	51.3	51.3	51
GE 14000	51.0	52.7	53.2	54.2	54.8	54.8	54.8	54.8	54
GE 12000	53.9	55.6	56.1	57.1	57.7	57.7	57.7	57.7	57
GE 10000	58.3	60.2	60.9	61.8	62.5	62.5	62.5	62.5	62
GE 9000	59.5	61.3	61.9	62.9	63.5	63.5	63.5	63.5	63
GE 8000	62.6	64.3	65.2	66.2	67.0	67.0	67.0	67.0	67
GE 7000	64.2	65.9	66.8	67.8	68.6	68.6	68.6	68.6	68
GE 6000	65.2	67.0	68.1	69.2	70.1	70.1	70.1	70.1	70
GE 5000	68.2	70.1	71.3	72.5	73.3	73.3	73.5	73.5	73
GE 4500	70.1	72.2	73.3	74.5	75.4	75.4	75.5	75.6	75
GE 4000	74.3	76.6	77.8	79.0	79.9	79.9	80.2	80.2	80
GE 3500	79.0	81.3	82.8	84.0	84.9	84.9	85.6	85.6	85
GE 3000	83.7	86.2	88.4	90.0	91.2	91.5	92.9	92.9	92
GE 2500	85.9	88.6	90.8	92.4	93.7	94.0	95.5	95.5	95
GE 2000	86.9	89.6	91.8	93.7	94.9	95.3	96.8	96.9	96
GE 1800	86.9	89.6	91.9	93.8	95.1	95.4	96.9	97.0	97
GE 1500	87.3	90.1	92.8	94.8	96.1	96.5	98.0	98.1	98
GE 1200	87.3	90.1	92.9	94.9	96.2	96.6	98.1	98.2	98
GE 1000	87.3	90.1	92.9	95.3	95.7	97.0	98.5	98.6	98
GE 900	87.3	90.1	92.9	95.3	96.7	97.0	98.5	98.6	98
GE 800	87.3	90.1	92.9	95.4	96.8	97.1	98.7	98.8	98
GE 700	87.3	90.1	92.9	95.4	96.8	97.1	98.7	98.8	98
GE 600	87.3	90.1	92.9	95.4	96.8	97.1	98.7	98.8	98
GE 500	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 400	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 300	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 200	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 100	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99
GE 000	87.3	90.1	92.9	95.4	96.8	97.1	98.7	99.1	99

TOTAL NUMBER OF OBSERVATIONS 930

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

3 ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 15-17

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9	92.9
95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
98.0	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
98.7	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
98.7	99.1	99.1	99.4	99.9	99.9	99.9	99.9	99.9	99.9
98.7	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
98.7	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0
98.7	99.1	99.1	99.4	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	44.4	45.4	45.8	48.2	49.1	49.2	49.7	49.9	50
GE 20000	48.5	49.5	50.9	52.4	53.3	53.4	53.9	54.1	54
GE 18000	48.5	49.5	50.9	52.4	53.3	53.4	53.9	54.1	54
GE 16000	48.5	49.5	50.9	52.4	53.3	53.4	53.9	54.1	54
GE 14000	50.4	51.4	52.8	54.3	55.3	55.4	55.8	56.0	56
GE 12000	51.8	52.8	54.2	55.7	56.7	56.8	57.2	57.4	57
GE 10000	57.3	58.5	60.0	61.5	62.5	62.6	63.0	63.2	63
GE 9000	59.3	59.5	61.0	62.5	63.4	63.5	64.0	64.2	64
GE 8000	61.1	62.3	63.8	65.3	66.2	66.3	66.8	67.0	67
GE 7000	62.9	64.1	65.6	67.1	68.2	68.3	68.7	68.9	69
GE 6000	64.4	65.7	67.2	68.8	69.9	70.0	70.4	70.6	70
GE 5000	66.9	68.5	70.1	71.7	72.8	73.0	73.4	73.7	73
GE 4500	69.7	71.4	73.1	74.7	75.8	76.0	76.5	76.7	76
GE 4000	72.9	74.6	76.3	78.2	79.4	79.8	80.3	80.5	80
GE 3500	77.1	78.9	80.8	83.0	84.4	84.8	85.6	85.9	86
GE 3000	81.3	83.1	84.9	87.7	89.2	89.8	90.8	91.1	91
GE 2500	82.7	84.7	87.1	90.0	91.7	92.3	93.2	93.5	93
GE 2000	83.8	85.9	88.5	91.6	93.3	93.9	94.9	95.3	95
GE 1800	83.9	86.0	88.6	91.7	93.5	94.1	95.2	95.5	95
GE 1500	84.5	86.7	89.7	92.9	94.7	95.3	96.3	96.7	96
GE 1200	84.6	86.8	89.8	93.0	94.8	95.4	96.5	96.8	96
GE 1000	84.6	86.8	89.9	93.1	95.1	95.6	96.9	97.2	97
GE 900	84.6	86.8	89.9	93.1	95.1	95.7	97.1	97.4	97
GE 800	84.6	86.8	89.9	93.1	95.2	95.8	97.2	97.5	97
GE 700	84.6	86.8	89.9	93.2	95.3	95.9	97.3	97.6	97
GE 600	84.6	86.8	89.9	93.2	95.5	96.1	97.5	97.8	97
GE 500	84.6	86.8	89.9	93.2	95.5	96.1	97.5	97.8	97
GE 400	84.6	86.8	89.9	93.2	95.5	96.1	97.5	97.8	97
GE 300	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	97
GE 200	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	97
GE 100	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	97
GE 000	84.6	86.8	89.9	93.2	95.5	96.1	97.5	98.0	97

TOTAL NUMBER OF OBSERVATIONS 930

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: OCT HOURS: 18-20

CEILING IN HUNDREDS OF FEET

VIS GE 2	VIS GE 1 1/2	VIS GE 1 1/4	VIS GE 1	VIS GE 3/4	VIS GE 5/8	VIS GE 1/2	VIS GE 3/8	VIS GE 1/4	VIS GE 0
49.7	49.9	50.0	50.0	50.0	50.1	50.3	50.3	50.4	50.4
53.9	54.1	54.2	54.2	54.2	54.3	54.5	54.5	54.6	54.6
53.9	54.1	54.2	54.2	54.2	54.3	54.5	54.5	54.6	54.6
53.9	54.1	54.2	54.2	54.2	54.3	54.5	54.5	54.6	54.6
55.8	56.0	56.1	56.1	56.1	56.2	56.5	56.5	56.6	56.6
57.2	57.4	57.5	57.5	57.5	57.6	57.8	57.8	58.0	58.0
63.0	63.2	63.3	63.3	63.3	63.4	63.7	63.7	63.8	63.8
64.2	64.2	64.3	64.3	64.3	64.4	64.6	64.6	64.7	64.7
66.8	67.0	67.1	67.1	67.1	67.2	67.4	67.4	67.5	67.5
68.7	68.9	69.0	69.0	69.0	69.1	69.4	69.4	69.5	69.5
70.4	70.6	70.8	70.8	70.8	70.9	71.1	71.1	71.2	71.2
73.4	73.7	73.8	73.8	73.8	73.9	74.1	74.1	74.2	74.2
76.5	76.7	76.8	76.8	76.8	76.9	77.1	77.1	77.2	77.2
80.3	80.5	80.6	80.6	80.6	80.8	81.0	81.0	81.1	81.1
85.6	85.9	86.0	86.0	86.0	86.1	86.3	86.3	86.5	86.5
90.8	91.1	91.2	91.2	91.2	91.3	91.5	91.5	91.6	91.6
93.2	93.5	93.7	93.8	93.8	93.9	94.1	94.1	94.2	94.2
94.3	95.3	95.4	95.5	95.5	95.6	95.8	95.8	95.9	95.9
95.2	95.5	95.6	95.7	95.7	95.8	96.0	96.0	96.1	96.1
96.3	96.7	96.8	96.9	96.9	97.0	97.2	97.2	97.3	97.3
96.5	96.8	96.9	97.0	97.0	97.1	97.3	97.3	97.4	97.4
96.9	97.2	97.3	97.5	97.5	97.6	97.8	97.8	98.0	98.0
97.1	97.4	97.5	97.7	97.7	97.8	98.1	98.1	98.2	98.2
97.2	97.5	97.6	98.0	98.0	98.1	98.3	98.3	98.4	98.4
97.3	97.6	97.7	98.2	98.2	98.3	98.5	98.5	98.6	98.6
97.5	97.8	98.0	98.4	98.4	98.5	98.7	98.7	98.8	98.8
97.5	97.8	98.0	98.4	98.4	98.5	98.7	98.7	98.8	98.8
97.5	97.8	98.0	98.5	98.6	98.7	98.9	98.9	99.0	99.0
97.5	98.0	98.1	98.7	98.8	98.9	99.2	99.2	99.4	99.4
97.5	98.0	98.1	98.7	98.8	98.9	99.6	99.6	99.7	99.7
97.5	98.0	98.1	98.7	98.8	98.9	99.6	99.6	99.7	99.9
97.5	98.0	98.1	98.7	98.8	98.9	99.6	99.6	99.7	100.0

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCUR
USAFETAC, ASHEVILLE NC FROM HOURLY OB

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MI GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	1
NO CEIL	37.6	39.6	43.4	46.3	48.8	49.2	50.2	50.6	5
GE 20000	39.9	41.8	45.8	48.7	51.3	51.7	52.8	53.2	5
GE 18000	39.9	41.8	45.8	48.7	51.3	51.7	52.8	53.2	5
GE 16000	39.9	41.8	45.8	48.7	51.3	51.7	52.8	53.2	5
GE 14000	41.2	43.1	47.1	50.0	52.6	53.0	54.1	54.5	5
GE 12000	42.9	44.8	48.8	51.7	54.3	54.7	55.8	56.2	5
GE 10000	46.7	48.7	52.7	55.7	58.3	58.7	59.9	60.3	6
GE 9000	47.2	49.2	53.2	56.2	58.8	59.2	60.4	60.9	6
GE 8000	49.6	51.7	55.9	59.0	61.6	62.0	63.2	63.7	6
GE 7000	50.8	52.9	57.3	60.4	63.1	63.5	64.7	65.2	6
GE 6000	51.7	53.9	58.3	61.4	64.1	64.5	65.7	66.1	6
GE 5000	53.9	56.0	60.4	63.7	66.7	67.1	68.4	68.9	6
GE 4500	56.0	58.3	63.0	66.2	69.4	69.8	71.1	71.6	7
GE 4000	60.0	62.3	67.5	71.0	74.4	74.8	76.2	76.8	7
GE 3500	62.8	65.3	71.0	74.6	78.5	78.9	80.4	81.0	8
GE 3000	65.6	68.3	74.1	78.0	82.0	82.5	84.0	84.6	8
GE 2500	67.7	70.5	76.7	80.8	84.8	85.3	86.8	87.4	8
GE 2000	69.5	72.3	78.5	82.8	87.0	87.4	89.0	89.7	8
GE 1800	69.5	72.3	78.5	82.9	87.1	87.5	89.1	89.8	9
GE 1500	70.8	73.7	79.9	84.8	89.1	89.6	91.3	91.9	9
GE 1200	71.0	73.9	80.2	85.2	89.5	89.9	91.7	92.4	9
GE 1000	71.0	74.0	80.6	85.7	90.0	90.4	92.3	92.9	9
GE 900	71.1	74.1	80.8	85.8	90.1	90.5	92.4	93.0	9
GE 800	71.2	74.2	80.9	85.9	90.2	90.6	92.6	93.2	9
GE 700	71.2	74.2	80.9	85.9	90.2	90.6	92.6	93.2	9
GE 600	71.2	74.2	80.9	85.9	90.2	90.6	92.6	93.2	9
GE 500	71.2	74.2	80.9	86.1	90.5	91.0	93.0	93.7	9
GE 400	71.2	74.2	80.9	86.1	90.5	91.0	93.2	93.9	9
GE 300	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.0	9
GE 200	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.1	9
GE 100	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.1	9
GE 000	71.2	74.2	80.9	86.1	90.5	91.0	93.2	94.1	9

TOTAL NUMBER OF OBSERVATIONS 930

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT HOURS: 21-23

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
50.2	50.6	50.8	51.8	52.3	52.3	52.9	53.1	53.3	53.8
52.8	53.2	53.3	54.4	54.8	54.8	55.5	55.7	55.9	56.3
52.8	53.2	53.3	54.4	54.8	54.8	55.5	55.7	55.9	56.3
52.8	53.2	53.3	54.4	54.8	54.8	55.5	55.7	55.9	56.3
54.1	54.5	54.6	55.7	56.1	56.1	56.8	57.0	57.2	57.6
55.8	56.2	56.3	57.4	57.8	57.8	58.5	58.7	58.9	59.4
59.9	60.3	60.5	61.6	62.0	62.0	62.7	62.9	63.1	63.5
60.4	60.9	61.1	62.2	62.6	62.6	63.2	63.4	63.7	64.1
63.2	63.7	63.9	64.9	65.4	65.4	66.0	66.2	66.5	66.9
64.7	65.2	65.4	66.5	66.9	66.9	67.5	67.7	68.0	68.4
65.7	66.1	66.3	67.4	67.8	67.8	68.5	68.7	68.9	69.4
68.4	68.9	69.1	70.2	70.6	70.6	71.3	71.5	71.7	72.3
71.1	71.6	71.8	72.9	73.3	73.3	74.0	74.2	74.4	74.9
76.2	76.8	77.0	78.1	78.5	78.5	79.1	79.4	79.6	80.1
80.4	81.0	81.2	82.3	82.8	82.8	83.4	83.7	83.9	84.4
84.0	84.6	84.8	85.9	86.5	86.5	87.1	87.3	87.5	88.1
86.8	87.4	87.6	88.7	89.2	89.2	89.9	90.1	90.3	90.9
89.0	89.7	89.9	91.0	91.5	91.5	92.2	92.4	92.6	93.1
89.1	89.8	90.0	91.1	91.6	91.6	92.3	92.5	92.7	93.2
91.3	91.9	92.2	93.2	93.8	93.8	94.4	94.6	94.8	95.4
91.7	92.4	92.6	93.7	94.2	94.2	94.8	95.1	95.3	95.8
92.3	92.9	93.1	94.2	94.7	94.7	95.4	95.6	95.8	96.3
92.4	93.0	93.2	94.3	94.8	94.8	95.5	95.7	95.9	96.5
92.6	93.2	93.4	94.5	95.1	95.1	95.7	95.9	96.1	96.7
92.6	93.2	93.4	94.5	95.1	95.1	95.7	95.9	96.1	96.7
92.6	93.2	93.4	94.5	95.1	95.1	95.7	95.9	96.1	96.7
93.0	93.7	93.9	95.1	95.6	95.6	96.2	96.5	96.7	97.2
93.2	93.9	94.1	95.3	95.8	95.8	96.5	96.7	96.9	97.4
93.2	94.0	94.2	95.4	96.0	96.0	96.7	96.9	97.1	97.6
93.2	94.1	94.5	95.7	96.5	96.5	97.1	97.3	97.5	98.1
93.2	94.1	94.5	95.8	96.6	96.6	97.2	97.5	97.7	99.0
93.2	94.1	94.5	95.8	96.6	96.6	97.2	97.5	97.7	100.0

OPERATING LOCATION "AM" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	30.5	32.0	33.7	35.5	37.3	37.5	38.3	38.7	38.
GE 20000	34.1	35.8	37.7	39.7	41.6	41.8	42.7	43.1	43.
GE 18000	34.3	36.0	37.9	39.9	41.8	42.0	42.9	43.3	43.
GE 16000	34.4	36.0	38.0	40.0	41.9	42.1	43.0	43.3	43.
GE 14000	35.9	37.6	39.6	41.6	43.5	43.7	44.6	45.0	45.
GE 12000	37.4	39.1	41.1	43.1	45.0	45.2	46.1	46.5	46.
GE 10000	41.0	42.8	44.9	47.0	48.9	49.2	50.1	50.4	50.
GE 9000	41.5	43.3	45.4	47.5	49.5	49.7	50.6	51.0	51
GE 8000	43.7	45.5	47.7	49.8	51.9	52.1	53.0	53.4	53.
GE 7000	45.2	47.1	49.5	51.6	53.7	53.9	54.9	55.2	55.
GE 6000	46.5	48.4	50.8	53.0	55.1	55.3	56.3	56.6	56
GE 5000	49.6	51.7	54.2	56.5	58.7	59.0	60.0	60.4	60
GE 4500	52.2	54.5	57.2	59.4	61.7	62.0	63.0	63.4	63
GE 4000	56.5	58.8	61.8	64.2	66.6	67.0	68.1	68.6	68
GE 3500	60.3	62.7	65.8	68.4	71.0	71.4	72.7	73.2	73
GE 3000	64.1	66.7	70.1	72.8	75.7	76.1	77.6	78.2	78
GE 2500	66.0	68.8	72.4	75.2	78.2	78.7	80.3	80.8	81
GE 2000	67.3	70.3	74.6	77.5	80.7	81.2	82.9	83.5	83
GE 1800	68.1	71.0	74.9	78.0	81.1	81.6	83.3	83.9	84
GE 1500	69.1	72.1	76.2	79.5	82.7	83.2	84.9	85.5	85
GE 1200	69.4	72.4	76.6	80.0	83.2	83.8	95.5	96.1	86
GE 1000	69.7	72.8	77.0	80.5	84.0	84.5	86.4	87.1	87
GE 900	69.7	72.9	77.1	80.7	84.1	84.7	86.6	87.3	87
GE 800	69.8	72.9	77.2	80.9	84.4	84.9	87.0	87.7	88
GE 700	69.8	73.0	77.3	81.0	84.6	85.2	87.3	88.0	88
GE 600	69.8	73.0	77.4	81.2	84.8	85.5	87.6	88.5	88
GE 500	69.9	73.1	77.5	81.4	85.1	85.8	88.0	89.0	89
GE 400	69.9	73.1	77.6	81.5	85.3	86.0	88.4	89.5	89
GE 300	69.9	73.1	77.6	81.6	85.4	86.1	88.7	89.9	90
GE 200	69.9	73.1	77.6	81.6	85.5	86.2	88.7	90.1	90
GE 100	69.9	73.1	77.6	81.6	85.5	86.2	88.8	90.2	90
GE 000	69.9	73.1	77.6	81.6	85.5	86.2	88.8	90.2	90

TOTAL NUMBER OF OBSERVATIONS 7440

A

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

) WASHINGTON PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: OCT HOURS: ALL

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
38.3	38.7	38.8	39.4	39.6	39.6	39.8	39.9	40.1	40.5
42.7	43.1	43.2	43.8	44.0	44.0	44.2	44.3	44.5	44.9
42.9	43.3	43.4	44.0	44.2	44.2	44.5	44.6	44.7	45.1
43.0	43.3	43.5	44.0	44.3	44.3	44.5	44.6	44.8	45.2
44.6	45.0	45.1	45.7	45.9	45.9	46.1	46.3	46.4	46.8
46.1	46.5	46.6	47.2	47.4	47.4	47.7	47.8	47.9	48.3
50.1	50.4	50.6	51.2	51.4	51.4	51.7	51.8	51.9	52.3
50.6	51.0	51.2	51.7	52.0	52.0	52.2	52.4	52.5	52.9
53.0	53.4	53.6	54.1	54.4	54.4	54.6	54.7	54.9	55.3
54.9	55.2	55.4	56.0	56.2	56.2	56.5	56.6	56.7	57.1
56.3	56.6	56.8	57.4	57.6	57.6	57.9	58.0	58.1	58.5
60.0	60.4	60.6	61.1	61.4	61.4	61.6	61.8	61.9	62.3
63.0	63.4	63.6	64.2	64.4	64.4	64.7	64.8	64.9	65.3
68.1	68.6	68.8	69.4	69.6	69.6	69.9	70.0	70.1	70.5
72.7	73.2	73.4	73.9	74.2	74.2	74.5	74.6	74.7	75.1
77.6	78.2	78.4	78.9	79.2	79.2	79.4	79.6	79.7	80.1
80.3	80.8	81.0	81.5	81.9	81.9	82.1	82.2	82.4	82.8
82.9	83.5	83.7	84.3	84.6	84.6	84.8	84.9	85.1	85.5
83.3	83.9	84.1	84.7	84.9	85.0	85.2	85.3	85.5	85.9
84.9	85.5	85.7	86.3	86.5	86.6	86.9	87.0	87.1	87.6
85.5	86.1	86.4	86.9	87.2	87.2	87.5	87.6	87.8	88.2
86.4	87.1	87.3	87.9	88.2	88.3	88.5	88.6	88.8	89.2
86.6	87.3	87.5	88.2	88.5	88.5	88.8	88.9	89.0	89.5
87.0	87.7	88.0	88.6	88.9	88.9	89.1	89.3	89.4	89.9
87.3	88.0	88.3	89.0	89.3	89.3	89.5	89.7	89.9	90.3
87.6	88.5	88.8	89.4	89.7	89.8	90.0	90.1	90.3	90.7
88.0	89.0	89.4	90.2	90.5	90.5	90.8	90.9	91.1	91.5
88.4	89.5	89.9	90.9	91.4	91.4	91.7	91.9	92.1	92.5
88.7	89.9	90.3	91.5	92.2	92.2	92.6	92.9	93.0	93.6
88.7	90.1	90.5	91.9	92.8	92.9	93.8	94.1	94.4	95.3
88.8	90.2	90.6	92.0	93.1	93.3	94.2	94.8	95.4	98.8
88.8	90.2	90.6	92.0	93.1	93.3	94.2	94.8	95.4	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GE
NO CEIL	13.9	15.2	17.6	20.0	21.7	22.6	24.0	25.1	25.
GE 20000	15.3	16.7	19.0	21.4	23.3	24.2	25.8	26.9	26.
GE 18000	15.3	16.7	19.2	21.7	23.6	24.4	26.0	27.1	27.
GE 16000	15.3	16.7	19.2	21.7	23.6	24.4	26.0	27.1	27.
GE 14000	15.4	16.8	19.4	21.9	23.8	24.7	26.2	27.3	27.
GE 12000	16.8	18.1	20.9	23.3	25.3	26.2	27.8	28.9	28.
GE 10000	19.1	20.4	23.4	26.1	28.4	29.4	31.1	32.2	32.
GE 9000	19.8	21.1	24.1	26.8	29.1	30.1	31.8	32.9	32.
GE 8000	23.8	25.2	28.3	31.0	33.3	34.8	36.7	37.8	37
GE 7000	25.2	26.8	30.0	32.7	35.0	36.4	38.3	39.4	39.
GE 6000	26.6	28.1	31.3	34.0	36.3	37.8	39.7	40.8	40.
GE 5000	31.1	33.0	36.2	39.0	41.3	43.1	45.0	46.2	46
GE 4500	35.2	37.6	41.2	44.0	46.8	48.6	50.6	51.8	51
GE 4000	44.0	47.0	51.1	53.9	56.8	58.6	60.7	61.9	61
GE 3500	48.7	51.9	56.2	59.2	62.1	64.0	66.2	67.4	67
GE 3000	52.8	56.2	60.6	64.0	67.2	69.1	71.3	72.7	72
GE 2500	55.2	58.8	63.6	67.0	70.6	72.6	74.8	76.1	76
GE 2000	56.6	60.6	65.4	68.9	72.8	74.8	77.0	78.3	78
GE 1800	57.0	61.0	65.9	69.3	73.2	75.2	77.4	78.8	78
GE 1500	58.3	62.3	67.2	70.7	74.7	76.7	78.9	80.2	80
GE 1200	59.1	63.2	68.1	71.6	75.6	77.7	80.0	81.3	81
GE 1000	59.5	63.8	68.7	72.2	76.6	78.7	81.0	82.3	82
GE 900	59.7	63.9	68.8	72.3	76.7	78.8	81.1	82.4	82
GE 800	59.9	64.1	69.1	72.9	77.2	79.3	81.7	83.0	83
GE 700	60.4	64.7	69.7	73.6	78.0	80.1	82.4	83.8	83
GE 600	60.4	64.7	69.8	73.8	78.2	80.3	82.7	84.0	84
GE 500	60.4	64.7	69.9	74.0	78.6	80.9	83.3	84.7	84
GE 400	60.4	64.7	70.0	74.2	79.3	81.7	84.3	85.7	85
GE 300	60.4	64.7	70.0	74.2	79.7	82.0	85.0	86.6	86
GE 200	60.4	64.7	70.0	74.2	79.7	82.0	85.3	87.2	87
GE 100	60.4	64.7	70.0	74.2	79.7	82.0	85.3	87.4	87
GE 000	60.4	64.7	70.0	74.2	79.7	82.0	85.3	87.4	87

TOTAL NUMBER OF OBSERVATIONS 900

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 00-02

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
24.0	25.1	25.1	25.7	26.9	26.9	27.6	27.8	28.4	29.0
25.3	26.9	26.9	27.4	28.7	28.7	29.3	29.6	30.2	30.9
26.0	27.1	27.1	27.7	28.9	28.9	29.6	29.8	30.4	31.0
26.0	27.1	27.1	27.7	28.9	28.9	29.6	29.8	30.4	31.0
26.2	27.3	27.3	27.9	29.1	29.1	29.8	30.0	30.7	31.2
27.8	28.9	28.9	29.4	30.8	30.8	31.4	31.7	32.3	32.9
31.1	32.2	32.2	32.8	34.2	34.2	34.9	35.1	35.8	36.3
31.3	32.9	32.9	33.4	34.9	34.9	35.6	35.8	36.4	37.0
36.7	37.8	37.8	38.6	40.0	40.0	40.7	40.9	41.6	42.1
38.3	39.4	39.4	40.3	41.8	41.8	42.4	42.7	43.3	43.9
39.7	40.8	40.8	41.7	43.1	43.1	43.8	44.0	44.7	45.2
45.0	46.2	46.2	47.2	48.7	48.7	49.6	49.8	50.4	51.0
50.5	51.8	51.8	52.8	54.2	54.2	55.1	55.3	56.0	56.6
60.7	61.9	61.9	62.9	64.3	64.3	65.2	65.4	66.1	66.9
66.2	67.4	67.4	68.4	69.9	69.9	70.8	71.0	71.7	72.4
71.3	72.7	72.7	73.7	75.1	75.1	76.1	76.3	77.0	77.8
74.8	76.1	76.1	77.1	78.6	78.6	79.8	80.0	80.7	81.4
77.0	78.3	78.3	79.3	80.8	80.8	82.0	82.2	82.9	83.7
77.4	78.8	78.8	79.8	81.2	81.2	82.4	82.7	83.3	84.1
78.9	80.2	80.2	81.2	82.7	82.7	83.9	84.1	84.8	85.6
80.0	81.3	81.3	82.3	83.8	83.8	85.0	85.2	85.9	86.7
81.0	82.3	82.3	83.3	84.8	84.8	86.0	86.2	86.9	87.7
81.1	82.4	82.4	83.4	84.9	84.9	86.1	86.3	87.0	87.8
81.7	83.0	83.0	84.0	85.4	85.4	86.7	86.9	87.6	88.3
82.4	83.8	83.8	84.8	86.2	86.2	87.4	87.7	88.3	89.1
82.7	84.0	84.0	85.0	86.4	86.4	87.7	87.9	88.6	89.3
83.3	84.7	84.7	85.7	87.1	87.1	88.3	88.6	89.2	90.0
84.3	85.7	85.7	86.8	88.2	88.2	89.6	89.8	90.4	91.2
85.0	86.6	86.6	87.7	89.6	89.6	90.9	91.1	91.8	92.7
85.3	87.2	87.2	88.7	90.9	90.9	92.4	92.8	93.6	94.8
85.3	87.4	87.6	89.0	91.2	91.2	92.8	93.6	94.9	98.4
85.3	87.4	87.6	89.0	91.2	91.2	92.8	93.6	94.9	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	15.7	17.4	19.0	20.2	22.2	22.6	23.3	23.9	23.
GE 20000	16.6	18.3	19.9	21.1	23.3	23.7	24.4	25.0	25.
GE 18000	16.7	18.4	20.0	21.2	23.4	23.8	24.6	25.1	25.
GE 16000	16.7	18.4	20.0	21.2	23.4	23.8	24.6	25.1	25.
GE 14000	17.0	18.8	20.7	21.9	24.1	24.6	25.3	25.9	25.
GE 12000	17.7	19.4	21.6	22.8	25.2	25.7	26.4	27.0	27.
GE 10000	19.8	21.9	24.1	25.3	28.3	28.9	29.7	30.3	30.
GE 9000	20.2	22.3	24.7	25.9	28.9	29.4	30.2	30.9	30.
GE 8000	24.0	26.1	28.7	29.9	33.0	33.8	34.6	35.2	35.
GE 7000	26.0	28.1	30.7	32.1	35.2	36.0	36.8	37.6	37
GE 6000	27.8	29.9	32.4	33.9	37.0	37.8	38.6	39.3	39
GE 5000	31.7	33.8	36.3	38.0	41.2	42.1	43.0	44.0	44
GE 4500	35.7	38.3	41.3	43.1	46.8	47.7	48.6	49.6	49
GE 4000	43.2	46.4	49.6	51.3	55.1	56.0	56.9	58.0	58
GE 3500	48.3	51.8	55.1	56.9	60.7	61.6	62.6	63.7	63
GE 3000	53.3	57.0	61.1	63.1	66.9	67.8	69.1	70.2	70
GE 2500	56.6	60.6	64.8	67.1	71.2	72.1	73.7	74.8	74
GE 2000	57.3	61.4	65.8	68.1	72.4	73.4	75.2	76.4	76
GE 1800	57.4	61.6	65.9	68.2	72.6	73.6	75.3	76.6	76
GE 1500	58.1	62.2	66.6	69.0	73.3	74.3	76.2	77.4	77
GE 1200	58.3	62.9	67.3	69.9	74.4	75.4	77.3	78.6	78
GE 1000	59.7	63.9	68.3	71.3	76.1	77.1	79.0	80.2	80
GE 900	59.3	64.1	68.7	71.7	76.4	77.4	79.4	80.7	80
GE 800	60.0	64.2	68.8	72.0	76.8	77.8	79.8	81.0	81
GE 700	60.6	64.8	69.3	72.6	77.3	78.3	80.3	81.6	81
GE 600	60.7	64.9	69.4	72.7	77.7	78.7	80.9	82.2	82
GE 500	61.3	65.7	70.6	74.0	79.2	80.2	82.7	84.1	84
GE 400	61.3	65.7	70.6	74.0	79.2	80.2	82.8	84.2	84
GE 300	61.3	65.7	70.6	74.0	79.2	80.2	83.0	84.6	84
GE 200	61.3	65.7	70.6	74.2	79.6	80.6	83.6	85.2	85
GE 100	61.3	65.7	70.6	74.2	79.6	80.6	83.6	85.2	85
GE 000	61.3	65.7	70.6	74.2	79.6	80.6	83.6	85.2	85

TOTAL NUMBER OF OBSERVATIONS 900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 03-05

ILITY IN STATUTE MILES

/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	23.3	23.9	23.9	24.6	25.2	25.2	25.6	25.6	25.7	27.0
7	24.4	25.0	25.0	25.7	26.3	26.3	26.7	26.7	26.8	28.1
8	24.5	25.1	25.1	25.8	26.4	26.4	26.8	26.8	26.9	28.2
8	24.6	25.1	25.1	25.8	26.4	26.4	26.8	26.8	26.9	28.2
6	25.3	25.9	25.9	26.6	27.2	27.2	27.6	27.6	27.7	29.0
7	26.4	27.0	27.0	27.7	28.4	28.4	28.8	28.8	28.9	30.2
9	29.7	30.3	30.3	31.1	31.9	31.9	32.3	32.3	32.4	33.8
4	30.2	30.9	30.9	31.7	32.4	32.4	32.9	32.9	33.0	34.3
8	34.6	35.2	35.2	36.0	36.8	36.8	37.2	37.2	37.3	38.7
0	36.8	37.6	37.6	38.3	39.1	39.1	39.6	39.6	39.7	41.0
8	38.6	39.3	39.3	40.1	40.9	40.9	41.3	41.3	41.4	42.8
1	43.0	44.0	44.0	44.8	45.6	45.6	46.0	46.0	46.1	47.4
2	48.6	48.6	49.6	50.3	51.1	51.1	51.6	51.6	51.8	53.3
0	56.9	58.0	58.0	58.9	59.7	59.7	60.2	60.2	60.4	62.0
5	62.6	63.7	63.7	64.6	65.3	65.3	65.9	65.9	66.1	67.7
8	69.1	70.2	70.2	71.2	72.2	72.2	72.8	72.8	73.0	74.6
1	73.7	74.8	74.8	75.8	76.9	76.9	77.6	77.6	77.8	79.3
3	75.2	76.4	76.4	77.4	78.6	78.6	79.2	79.2	79.4	81.0
5	75.3	76.6	76.6	77.5	78.7	78.7	79.3	79.3	79.6	81.1
3	76.2	77.4	77.4	78.4	79.6	79.6	80.2	80.2	80.4	82.0
4	77.3	78.5	78.6	79.6	80.7	80.7	81.	81.3	81.6	83.1
1	79.0	80.2	80.2	81.4	82.5	82.6	83.2	83.2	83.4	85.0
2	79.4	80.7	80.7	81.9	83.0	83.0	83.7	83.7	83.9	85.4
3	79.8	81.0	81.0	82.2	83.3	83.3	84.0	84.0	84.2	85.8
3	80.3	81.6	81.6	82.8	83.9	83.9	84.6	84.6	84.8	86.4
7	80.9	82.2	82.2	83.4	84.5	84.6	85.2	85.2	85.4	87.1
2	82.7	84.1	84.2	85.4	86.6	86.6	87.2	87.2	87.4	89.1
1	82.8	84.2	84.3	85.6	86.7	86.7	87.3	87.3	87.6	89.2
2	83.0	84.6	84.8	86.2	88.0	88.0	88.9	88.9	89.3	91.0
1	83.5	85.2	85.4	87.5	89.6	89.6	90.7	91.1	91.7	94.1
1	83.6	85.2	85.6	87.8	90.1	90.1	91.4	92.3	93.3	98.4
1	83.6	85.2	85.6	87.8	90.1	90.1	91.4	92.3	93.7	100.0

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OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	13.3	15.7	17.2	17.7	19.9	20.0	20.1	20.3	20.3
GE 20000	15.1	17.4	19.1	19.6	21.9	22.0	22.1	22.3	22.3
GE 18000	15.7	18.0	19.7	20.1	22.5	22.7	22.8	23.0	23.0
GE 16000	15.8	18.1	19.8	20.2	22.7	22.8	22.9	23.1	23.1
GE 14000	17.0	19.4	21.3	21.8	24.7	24.8	24.9	25.1	25.1
GE 12000	17.9	20.4	22.4	23.0	26.0	26.1	26.2	26.4	26.4
GE 10000	21.0	23.9	26.0	26.6	29.7	29.8	29.9	30.2	30.2
GE 9000	21.4	24.3	26.4	27.0	30.1	30.2	30.3	30.7	30.7
GE 8000	24.1	27.2	29.7	30.2	33.6	33.7	33.8	34.1	34.1
GE 7000	26.3	29.6	32.0	32.6	35.9	36.0	36.1	36.4	36.4
GE 6000	27.3	30.6	33.0	33.6	37.0	37.1	37.2	37.6	37.6
GE 5000	31.6	35.1	37.9	38.4	42.0	42.3	42.4	42.8	42.8
GE 4500	35.7	40.6	43.6	44.3	47.9	48.2	48.3	48.7	48.7
GE 4000	43.8	47.9	51.1	51.9	55.6	55.9	56.2	56.6	56.6
GE 3500	48.8	53.2	56.6	57.6	61.4	61.8	62.2	62.6	62.6
GE 3000	54.8	59.7	63.7	64.8	69.1	69.4	70.2	70.8	70.8
GE 2500	57.9	63.0	67.7	69.0	73.6	73.9	74.7	75.3	75.3
GE 2000	58.3	64.1	68.8	70.2	75.0	75.6	76.3	77.0	77.0
GE 1800	59.3	64.6	69.2	70.7	75.4	76.0	76.8	77.4	77.4
GE 1500	61.1	66.3	71.2	72.7	77.4	78.0	78.8	79.4	79.4
GE 1200	61.4	67.0	72.0	73.4	78.2	78.8	79.6	80.2	80.2
GE 1000	62.7	68.3	73.8	75.2	80.0	80.6	81.3	82.0	82.0
GE 900	62.7	68.3	73.9	75.7	80.6	81.1	82.1	82.8	82.8
GE 800	62.8	68.4	74.0	75.8	80.8	81.3	82.4	83.1	83.1
GE 700	63.1	68.8	74.3	76.1	81.1	81.7	82.8	83.4	83.4
GE 600	63.1	68.8	74.3	76.1	81.1	81.8	82.9	83.6	83.6
GE 500	63.6	69.3	74.9	76.7	81.9	82.6	83.7	84.3	84.3
GE 400	63.6	69.3	74.9	76.7	82.1	82.9	84.1	84.8	84.8
GE 300	63.6	69.3	74.9	76.7	82.1	82.9	84.4	85.3	85.6
GE 200	63.6	69.3	74.9	76.7	82.3	83.1	85.0	85.9	86.1
GE 100	63.6	69.3	74.9	76.7	82.3	83.1	85.0	85.9	86.3
GE 000	63.6	69.3	74.9	76.7	82.3	83.1	85.0	85.9	86.3

TOTAL NUMBER OF OBSERVATIONS 900

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

3 WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 06-08

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
20.1	20.3	20.3	20.7	21.0	21.0	21.2	21.4	21.8	22.8
22.1	22.3	22.3	22.8	23.1	23.1	23.3	23.6	23.9	25.1
22.8	23.0	23.0	23.4	23.8	23.8	24.0	24.2	24.6	25.8
22.9	23.1	23.1	23.5	23.9	23.9	24.1	24.3	24.7	25.9
24.9	25.1	25.1	25.6	25.9	25.9	26.3	26.6	27.0	28.2
26.2	26.4	26.4	26.9	27.2	27.2	27.7	27.9	28.3	29.7
29.7	30.2	30.2	30.7	31.0	31.0	31.4	31.7	32.1	33.4
30.3	30.7	30.7	31.1	31.4	31.4	31.9	32.1	32.6	33.9
33.6	34.1	34.1	34.7	35.0	35.0	35.4	35.7	36.1	37.4
36.1	36.4	36.4	37.0	37.3	37.3	37.8	38.1	38.5	39.9
37.2	37.6	37.6	38.1	38.4	38.4	38.9	39.2	39.7	41.0
42.4	42.8	42.8	43.4	43.8	43.8	44.2	44.6	45.0	46.3
48.3	48.7	48.7	49.5	49.9	49.9	50.3	50.7	51.1	52.4
56.2	56.6	56.6	57.4	57.8	57.8	58.2	58.6	59.0	60.3
62.2	62.6	62.6	63.4	63.9	63.9	64.3	64.7	65.1	66.4
70.2	70.8	70.8	71.7	72.1	72.1	72.6	72.9	73.3	74.7
74.7	75.3	75.3	76.3	76.8	76.8	77.2	77.6	78.0	79.3
76.3	77.0	77.0	78.1	78.6	78.6	79.0	79.3	79.8	81.1
76.8	77.4	77.4	78.6	79.0	79.0	79.4	79.8	80.2	81.6
78.8	79.4	79.4	80.5	81.1	81.1	81.6	81.9	82.3	83.7
79.6	80.2	80.2	81.3	81.9	81.9	82.3	82.7	83.1	84.4
81.3	82.0	82.0	83.1	83.7	83.7	84.1	84.4	84.9	86.2
82.1	82.8	82.8	83.9	84.4	84.4	84.9	85.2	85.7	87.0
82.4	83.1	83.1	84.3	84.9	84.9	85.4	85.8	86.2	87.6
82.8	83.4	83.4	84.7	85.2	85.2	85.8	86.1	86.6	87.9
82.9	83.6	83.6	85.0	85.6	85.6	86.2	86.5	87.0	88.3
83.7	84.3	84.3	85.9	86.4	86.4	87.3	87.7	88.1	89.4
84.1	84.8	84.8	86.7	87.2	87.2	88.1	88.4	88.9	90.2
84.4	85.3	85.6	87.7	88.6	88.6	89.4	89.9	90.4	92.1
85.0	85.9	86.1	88.3	89.6	89.6	90.9	91.8	92.8	94.8
85.0	85.9	86.3	88.7	90.0	90.0	91.4	92.4	93.7	98.7
85.0	85.9	86.3	88.7	90.0	90.0	91.4	92.4	93.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRE
FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	15.0	16.0	17.1	17.7	18.6	18.6	18.8	19.0	19.
GE 20000	18.7	19.8	21.0	21.8	22.8	22.8	23.1	23.3	23.
GE 18000	18.9	20.0	21.2	22.0	23.0	23.0	23.3	23.6	23
GE 16000	19.6	20.7	21.9	22.7	23.7	23.7	24.0	24.2	24
GE 14000	22.2	23.3	24.6	25.3	26.3	26.3	26.7	27.1	27.
GE 12000	23.7	24.9	26.1	26.9	28.0	28.0	28.3	28.9	28
GE 10000	27.7	28.9	30.4	31.4	32.6	32.6	32.9	33.4	33
GE 9000	28.1	29.3	30.9	32.1	33.4	33.4	33.8	34.3	34
GE 8000	33.2	34.4	36.1	37.3	38.7	38.7	39.1	39.8	39
GE 7000	35.8	37.0	38.7	39.9	41.2	41.2	41.7	42.3	42
GE 6000	37.1	38.7	40.3	41.6	42.9	42.9	43.3	44.0	44
GE 5000	41.7	43.2	44.9	45.1	47.4	47.6	48.0	48.7	48
GE 4500	44.7	46.2	48.1	49.4	51.0	51.2	51.3	52.4	52
GE 4000	51.9	53.8	56.1	57.3	59.4	59.7	60.4	61.1	61
GE 3500	57.0	59.0	61.4	63.9	66.2	66.4	67.4	68.1	68
GE 3000	61.8	64.2	67.0	69.7	72.2	72.4	73.8	74.6	74
GE 2500	64.2	66.8	69.8	72.7	75.2	75.4	76.8	77.7	77
GE 2000	65.3	68.9	72.3	75.6	78.6	78.8	80.2	81.1	81
GE 1800	66.6	69.2	72.7	76.1	79.1	79.3	80.8	81.7	81
GE 1500	67.9	70.7	74.3	78.0	81.0	81.2	82.7	83.8	83
GE 1200	68.3	71.2	75.0	78.8	81.9	82.1	83.7	84.8	84
GE 1000	69.3	72.4	75.7	80.4	83.6	83.8	85.3	86.4	86
GE 900	69.3	72.4	75.7	80.4	83.6	83.8	85.3	86.6	86
GE 800	69.6	72.7	76.9	80.3	84.0	84.3	86.0	87.2	87
GE 700	69.6	72.7	76.9	80.8	84.0	84.3	86.0	87.3	87
GE 600	69.6	72.7	76.9	80.8	84.2	84.6	86.4	87.9	87
GE 500	69.6	72.7	76.9	80.8	84.3	84.7	86.6	88.3	88
GE 400	69.6	72.7	77.0	80.9	84.7	85.0	86.9	89.0	89
GE 300	69.6	72.7	77.0	80.9	84.7	85.0	87.1	89.2	89
GE 200	69.6	72.7	77.0	80.9	84.7	85.0	87.3	89.6	90
GE 100	69.6	72.7	77.0	80.9	84.7	85.0	87.3	89.6	90
GE 000	69.6	72.7	77.0	80.9	84.7	85.0	87.3	89.6	90

TOTAL NUMBER OF OBSERVATIONS 900

A

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 09-11

CEILING IN STATUTE MILES									
GE 2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
18.8	19.0	19.0	19.1	19.1	19.1	19.1	19.2	19.2	19.4	
23.1	23.3	23.3	23.4	23.4	23.4	23.4	23.6	23.6	23.9	
23.3	23.5	23.6	23.7	23.7	23.7	23.7	23.8	23.8	24.1	
24.0	24.2	24.2	24.3	24.3	24.3	24.3	24.4	24.4	24.8	
26.7	27.1	27.1	27.3	27.3	27.3	27.3	27.4	27.4	27.8	
28.3	28.9	28.9	29.1	29.1	29.1	29.1	29.2	29.2	29.6	
32.9	33.4	33.4	33.7	33.7	33.7	33.7	33.8	33.8	34.1	
33.8	34.3	34.3	34.6	34.6	34.6	34.6	34.7	34.7	35.0	
39.1	39.8	39.8	40.1	40.2	40.2	40.2	40.3	40.3	40.7	
41.7	42.3	42.3	42.7	42.8	42.8	42.8	42.9	42.9	43.2	
43.3	44.0	44.0	44.3	44.4	44.4	44.4	44.6	44.6	44.9	
48.0	48.7	48.7	49.0	49.1	49.1	49.1	49.2	49.2	49.6	
51.3	52.4	52.4	52.8	52.9	52.9	52.9	53.0	53.0	53.3	
60.4	61.1	61.1	61.4	61.6	61.6	61.6	61.7	61.7	62.0	
67.4	68.1	68.1	68.4	68.5	68.6	68.6	68.7	68.7	69.0	
73.8	74.6	74.6	74.9	75.1	75.1	75.1	75.2	75.3	75.7	
76.8	77.7	77.7	78.0	78.2	78.2	78.2	78.3	78.4	78.8	
80.2	81.1	81.1	81.4	81.7	81.7	81.7	81.8	81.9	82.2	
80.8	81.7	81.7	82.0	82.2	82.2	82.2	82.3	82.4	82.8	
82.7	83.8	83.8	84.1	84.3	84.3	84.3	84.4	84.6	84.9	
83.7	84.8	84.8	85.1	85.3	85.3	85.3	85.4	85.6	85.9	
85.3	86.4	86.4	86.9	87.2	87.2	87.2	87.3	87.4	87.8	
85.3	86.6	86.6	87.0	87.3	87.3	87.3	87.4	87.6	87.9	
86.0	87.2	87.2	87.7	88.0	88.0	88.0	88.1	88.2	88.6	
86.0	87.3	87.3	87.8	88.1	88.1	88.1	88.3	88.6	88.9	
86.4	87.9	87.9	88.6	88.9	88.9	89.1	89.3	89.6	89.9	
86.6	88.3	88.3	89.1	89.6	89.6	89.8	90.0	90.2	90.7	
86.7	89.0	89.2	90.3	90.8	90.8	91.1	91.3	91.6	92.0	
87.1	89.2	89.4	90.9	91.6	91.7	92.1	92.5	93.2	93.7	
87.3	89.6	90.0	92.0	93.2	93.3	94.4	95.0	96.1	96.8	
87.3	89.6	90.0	92.0	93.3	93.4	94.7	95.4	97.1	99.1	
87.3	89.6	90.0	92.0	93.3	93.4	94.7	95.4	97.1	100.0	

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	18.4	19.1	19.7	19.9	20.2	20.2	20.3	20.4	20.
GE 20000	25.4	26.2	27.1	27.3	27.7	27.7	27.8	27.9	27.
GE 18000	26.1	26.9	27.8	28.0	28.3	28.3	28.4	28.6	28.
GE 16000	26.7	27.4	28.3	28.6	28.9	28.9	29.0	29.1	29.
GE 14000	28.4	29.2	30.1	30.3	30.7	30.9	31.0	31.1	31.
GE 12000	30.9	31.7	32.6	32.8	33.1	33.3	33.4	33.6	33.
GE 10000	34.9	35.0	36.2	36.4	36.8	37.1	37.2	37.3	37.
GE 9000	34.3	35.4	36.8	37.0	37.3	37.7	37.8	37.9	37.
GE 8000	40.8	41.9	43.3	43.6	44.0	44.3	44.4	44.6	44.
GE 7000	43.7	44.8	46.2	46.4	47.0	47.3	47.4	47.6	47.
GE 6000	45.3	46.4	48.0	48.3	48.9	49.2	49.3	49.4	49.
GE 5000	48.6	49.8	51.3	51.7	52.2	52.6	52.7	52.8	52.
GE 4500	50.6	51.8	53.8	54.1	54.7	55.0	55.1	55.2	55.
GE 4000	58.2	60.0	62.6	63.2	64.0	64.4	64.7	64.8	64
GE 3500	63.3	65.7	68.3	69.6	70.4	71.0	71.2	71.3	71.
GE 3000	71.7	73.6	76.9	78.6	79.4	80.1	80.8	80.9	80
GE 2500	74.1	76.6	79.9	81.7	82.7	83.3	84.1	84.2	84
GE 2000	75.2	78.0	82.4	84.2	85.7	86.3	87.3	87.5	87
GE 1800	76.5	79.3	82.9	84.9	86.3	87.0	88.0	88.2	88
GE 1500	77.9	80.8	84.3	86.3	87.9	88.6	90.1	90.4	90
GE 1200	78.1	81.0	84.7	86.7	88.2	88.9	90.7	91.2	91
GE 1000	78.6	81.7	85.4	87.4	89.2	89.9	91.7	92.2	92
GE 900	78.7	81.8	85.7	87.7	89.4	90.3	92.1	92.8	92
GE 800	78.7	81.9	85.9	88.1	90.0	90.9	92.7	93.4	93
GE 700	78.7	81.9	86.0	88.2	90.4	91.3	93.2	94.2	94
GE 600	78.9	82.1	86.3	88.6	90.9	91.8	94.0	95.1	95
GE 500	78.9	82.1	86.3	88.6	91.1	92.0	94.3	96.0	96
GE 400	78.9	82.1	86.4	88.7	91.2	92.1	94.7	96.3	96
GE 300	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	96
GE 200	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	97
GE 100	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	97
GE 000	78.9	82.1	86.4	88.7	91.2	92.1	94.8	96.7	97

TOTAL NUMBER OF OBSERVATIONS 900

A

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 12-14

IY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
20.3	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6
27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0
28.4	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
29.0	29.1	29.1	29.2	29.2	29.2	29.2	29.2	29.2	29.2
31.0	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2
33.4	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7
37.2	37.3	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4
37.8	37.9	37.9	38.0	38.0	38.0	38.0	38.0	38.0	38.0
44.4	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7
47.4	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
49.3	49.4	49.4	49.6	49.6	49.6	49.6	49.6	49.6	49.6
52.7	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9
55.1	55.2	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3
64.7	64.8	64.8	64.9	64.9	64.9	64.9	64.9	64.9	64.9
71.2	71.3	71.3	71.4	71.6	71.6	71.6	71.6	71.6	71.6
80.8	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1
84.1	84.2	84.2	84.3	84.4	84.4	84.4	84.4	84.4	84.4
87.3	87.5	87.5	87.7	87.8	87.8	87.8	87.8	87.8	87.8
88.0	88.2	88.2	88.3	88.4	88.4	88.4	88.4	88.4	88.4
90.1	90.4	90.4	90.7	90.8	90.8	90.8	90.8	90.8	90.3
90.7	91.2	91.2	91.4	91.6	91.6	91.6	91.6	91.6	91.6
91.7	92.2	92.2	92.4	92.6	92.6	92.6	92.6	92.6	92.6
92.1	92.8	92.8	93.0	93.1	93.1	93.1	93.1	93.1	93.1
92.7	93.4	93.4	93.7	93.8	93.8	93.8	93.8	93.8	93.8
93.2	94.2	94.2	94.5	94.7	94.7	94.7	94.7	94.7	94.7
94.0	95.1	95.1	95.6	95.7	95.7	95.7	95.7	95.7	95.7
94.3	96.0	96.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
94.7	96.3	96.6	97.8	97.9	97.9	97.9	97.9	97.9	97.9
94.8	96.7	96.9	98.6	98.8	98.8	98.8	99.0	99.1	99.1
94.8	96.7	97.0	98.8	99.0	99.0	99.2	99.4	99.7	99.7
94.8	96.7	97.0	98.8	99.0	99.0	99.2	99.4	99.7	99.9
94.8	96.7	97.0	98.8	99.0	99.0	99.2	99.4	99.7	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILI GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1	GI
NO CEIL	21.9	22.3	23.6	23.8	24.2	24.3	24.4	24.4	24	
GE 20000	25.9	26.3	27.7	27.9	28.3	28.4	28.6	28.6	28	
GE 18000	26.1	26.6	27.9	28.1	28.6	28.7	28.8	28.8	28	
GE 16000	26.6	27.0	28.3	28.6	29.0	29.1	29.2	29.2	29	
GE 14000	29.7	30.3	31.7	32.0	32.4	32.6	32.7	32.7	32	
GE 12000	33.2	34.1	35.7	36.0	36.4	36.6	36.7	36.7	36	
GE 10000	37.4	38.3	39.9	40.6	41.0	41.1	41.2	41.2	41	
GE 9000	37.8	38.7	40.2	40.9	41.3	41.4	41.5	41.6	41	
GE 8000	42.7	43.8	45.7	46.6	47.4	47.6	47.7	47.7	47	
GE 7000	45.4	46.6	48.5	49.4	50.3	50.4	50.5	50.5	50	
GE 6000	46.1	47.3	49.3	50.2	51.1	51.2	51.3	51.3	51	
GE 5000	48.8	50.0	52.1	53.0	53.9	54.0	54.1	54.1	54	
GE 4500	50.7	51.9	54.0	54.9	55.8	55.9	56.0	56.0	56	
GE 4000	59.9	61.1	63.6	64.4	65.9	66.0	66.1	66.1	66	
GE 3500	66.0	67.7	70.8	71.7	73.3	73.4	73.6	73.6	73	
GE 3000	74.0	76.0	79.3	80.9	83.1	83.2	83.6	83.7	83	
GE 2500	76.1	78.1	81.8	83.3	85.7	85.9	86.2	86.3	86	
GE 2000	78.0	80.4	84.3	86.3	88.9	89.1	89.4	89.8	89	
GE 1800	78.4	80.9	85.0	87.1	89.7	89.9	90.2	90.7	90	
GE 1500	79.2	81.7	86.1	88.2	91.1	91.3	92.1	92.7	92	
GE 1200	79.9	82.3	87.0	89.3	92.2	92.4	93.2	93.8	93	
GE 1000	80.0	82.6	87.3	89.3	92.8	93.0	93.8	94.3	94	
GE 900	80.1	82.7	87.4	89.3	93.0	93.2	94.0	94.6	94	
GE 800	80.1	82.7	87.6	90.0	93.1	93.4	94.8	95.3	95	
GE 700	80.4	83.0	88.1	90.6	93.7	94.0	96.0	96.6	96	
GE 600	80.6	83.1	88.2	90.7	93.8	94.1	96.3	97.0	97	
GE 500	80.6	83.1	88.4	90.9	94.3	94.7	97.2	97.9	98	
GE 400	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.0	98	
GE 300	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98	
GE 200	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98	
GE 100	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98	
GE 000	80.6	83.1	88.4	90.9	94.4	94.8	97.3	98.2	98	

TOTAL NUMBER OF OBSERVATIONS 900

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 15-17

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
24.4	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6
28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9
29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3
32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8
36.7	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8
41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
41.6	41.6	41.6	41.7	41.7	41.7	41.7	41.7	41.7	41.7
47.7	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
50.6	50.6	50.6	50.7	50.7	50.7	50.7	50.7	50.7	50.7
51.3	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2
56.0	56.0	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1
66.1	66.1	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2
73.6	73.6	73.6	73.7	73.7	73.7	73.7	73.7	73.7	73.7
83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
86.2	86.3	86.4	86.6	86.6	86.6	86.6	86.6	86.6	86.6
89.4	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0	90.0
90.2	90.7	90.8	90.9	90.9	90.9	90.9	90.9	90.9	90.9
92.1	92.7	92.8	92.9	92.9	92.9	92.9	92.9	92.9	92.9
93.2	93.8	93.9	94.0	94.0	94.0	94.1	94.1	94.1	94.1
93.8	94.3	94.4	94.6	94.6	94.6	94.7	94.7	94.7	94.7
94.0	94.6	94.7	94.8	94.8	94.8	94.9	94.9	94.9	94.9
94.8	95.3	95.4	95.6	95.6	95.6	95.7	95.7	95.7	95.7
96.0	96.6	96.7	96.8	96.8	96.8	96.9	96.9	96.9	96.9
96.3	97.0	97.1	97.2	97.2	97.2	97.3	97.3	97.3	97.3
97.2	97.9	98.0	98.1	98.2	98.2	98.3	98.3	98.3	98.4
97.3	98.0	98.1	98.3	98.6	98.6	98.7	98.7	98.7	98.8
97.3	98.2	98.3	98.7	99.0	99.0	99.1	99.2	99.2	99.3
97.3	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.4	99.7
97.3	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.4	100.0
97.3	98.2	98.3	98.7	99.1	99.1	99.2	99.3	99.4	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	25.2	26.8	27.9	28.1	28.9	28.9	29.0	29.2	29.2
GE 20000	26.7	28.4	30.0	30.3	31.2	31.2	31.3	31.6	31.6
GE 18000	26.8	28.7	30.2	30.6	31.4	31.4	31.6	31.8	31.8
GE 16000	26.9	28.8	30.3	30.7	31.6	31.6	31.7	31.9	31.9
GE 14000	28.9	30.8	32.3	32.7	33.6	33.6	33.7	33.9	33.9
GE 12000	30.6	32.4	34.0	34.3	35.3	35.4	35.7	35.9	35.9
GE 10000	34.4	36.4	38.0	38.6	39.6	39.7	39.9	40.1	40.1
GE 9000	35.0	37.0	38.6	39.2	40.2	40.3	40.6	40.8	40.8
GE 8000	39.1	41.1	42.7	43.3	44.7	44.8	45.0	45.2	45.2
GE 7000	41.9	43.9	45.4	46.1	47.4	47.6	47.8	48.0	48.0
GE 6000	42.4	44.4	46.0	46.7	48.0	48.1	48.3	48.6	48.6
GE 5000	45.8	47.9	49.8	50.4	51.8	51.9	52.1	52.3	52.3
GE 4500	48.3	51.0	52.9	53.7	55.0	55.1	55.3	55.6	55.6
GE 4000	57.6	60.3	62.6	63.3	64.9	65.1	65.4	65.7	65.7
GE 3500	63.7	66.9	69.7	70.9	72.4	72.7	73.1	73.3	73.3
GE 3000	69.2	72.9	75.8	77.1	79.2	79.4	79.9	80.1	80.1
GE 2500	71.4	75.4	78.3	80.3	82.8	83.0	83.7	83.9	83.9
GE 2000	73.2	77.2	81.0	82.7	85.4	85.9	86.7	87.0	87.0
GE 1800	73.6	77.9	81.7	83.3	86.1	86.6	87.4	87.8	87.8
GE 1500	74.4	78.8	82.7	84.6	87.6	88.0	89.3	89.8	89.8
GE 1200	74.8	79.1	83.3	85.2	88.3	88.8	90.1	90.6	90.6
GE 1000	74.9	79.2	83.9	85.9	89.1	89.6	90.9	91.3	91.3
GE 900	74.9	79.2	83.9	86.1	89.3	89.8	91.1	91.6	91.6
GE 800	75.0	79.3	84.0	86.2	89.6	90.0	91.3	91.8	91.8
GE 700	75.0	79.3	84.0	86.2	89.7	90.1	91.4	91.9	91.9
GE 600	75.0	79.3	84.0	86.6	90.4	90.9	92.4	93.3	93.3
GE 500	75.0	79.7	84.3	86.9	91.1	91.6	93.3	94.2	94.2
GE 400	75.0	79.7	84.3	86.9	91.2	91.7	93.5	94.9	94.9
GE 300	75.0	79.7	84.3	87.0	91.4	91.9	93.8	95.3	95.3
GE 200	75.0	79.7	84.3	87.0	91.4	91.9	93.8	95.3	95.3
GE 100	75.0	79.7	84.3	87.1	91.6	92.0	93.9	95.4	95.4
GE 000	75.0	79.7	84.3	87.1	91.6	92.0	93.9	95.4	95.4

TOTAL NUMBER OF OBSERVATIONS 900

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 18-20

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
29.0	29.2	29.2	29.4	29.6	29.6	29.7	29.7	29.9	30.1
31.3	31.6	31.6	31.8	31.9	31.9	32.1	32.1	32.3	32.6
31.6	31.8	31.8	32.0	32.1	32.1	32.3	32.3	32.6	32.8
31.7	31.9	31.9	32.1	32.2	32.2	32.4	32.4	32.7	32.9
33.7	33.9	33.9	34.1	34.2	34.2	34.4	34.4	34.7	34.9
35.7	35.9	35.9	36.1	36.2	36.2	36.4	36.4	36.7	36.9
39.9	40.1	40.1	40.3	40.4	40.4	40.7	40.7	40.9	41.1
40.6	40.8	40.8	41.0	41.1	41.1	41.3	41.3	41.6	41.8
45.0	45.2	45.2	45.4	45.6	45.6	45.9	45.9	46.0	46.2
47.8	48.0	48.0	48.2	48.3	48.3	48.6	48.6	48.8	49.0
48.3	48.6	48.6	48.8	48.9	48.9	49.1	49.1	49.3	49.6
52.1	52.3	52.3	52.6	52.7	52.7	52.9	52.9	53.1	53.3
55.3	55.6	55.6	55.8	55.9	55.9	56.1	56.1	56.3	56.6
65.4	65.7	65.7	65.9	66.0	66.0	66.2	66.2	66.4	66.7
73.1	73.3	73.3	73.6	73.7	73.7	73.9	73.9	74.1	74.3
79.9	80.1	80.1	80.3	80.4	80.4	80.7	80.7	80.9	91.1
83.7	83.9	83.9	84.2	84.4	84.4	84.8	84.8	85.0	85.2
86.7	87.0	87.0	87.3	87.6	87.6	87.9	87.9	88.1	88.3
87.4	87.8	87.8	88.1	88.3	88.3	88.7	88.7	88.9	89.1
89.3	89.8	89.8	90.2	90.4	90.4	90.8	90.8	91.0	91.2
90.1	90.6	90.6	91.0	91.2	91.2	91.6	91.6	91.8	92.0
90.9	91.3	91.3	91.8	92.0	92.0	92.3	92.3	92.6	92.8
91.1	91.6	91.6	92.0	92.2	92.2	92.6	92.6	92.8	93.0
91.3	91.8	91.8	92.2	92.4	92.4	92.8	92.8	93.0	93.2
91.4	91.9	91.9	92.4	92.7	92.7	93.0	93.0	93.2	93.4
92.4	93.3	93.3	93.9	94.1	94.1	94.6	94.6	94.8	95.0
93.3	94.2	94.2	94.9	95.1	95.1	95.6	95.6	95.8	96.0
93.5	94.9	94.9	95.6	95.8	95.8	96.2	96.2	96.4	96.7
93.8	95.3	95.3	96.1	96.3	96.3	97.0	97.0	97.2	97.4
93.8	95.3	95.3	96.3	96.6	96.6	97.3	97.3	97.6	98.2
93.9	95.4	95.4	96.6	96.8	96.8	97.7	97.8	98.0	99.6
93.9	95.4	95.4	96.6	96.8	96.8	97.7	97.8	98.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURREN
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	19.7	20.8	22.8	24.9	26.9	27.1	27.8	28.1	28.1
GE 20000	21.4	22.7	25.1	27.2	29.2	29.4	30.2	30.6	30.9
GE 18000	21.6	23.0	25.4	27.7	29.7	29.9	30.7	31.0	31.4
GE 16000	21.6	23.0	25.4	27.7	29.7	29.9	30.7	31.0	31.3
GE 14000	22.2	23.7	26.1	28.3	30.3	30.6	31.3	31.7	31.
GE 12000	24.0	25.4	27.9	30.1	32.1	32.3	33.1	33.4	33.
GE 10000	27.3	28.8	31.3	34.0	36.4	36.7	37.4	37.8	37.
GE 9000	28.3	29.8	32.3	35.0	37.4	37.7	38.4	38.8	38.
GE 8000	32.4	33.9	36.4	39.1	41.7	42.0	42.9	43.3	43.
GE 7000	34.7	36.1	38.7	41.3	43.9	44.2	45.1	45.6	45.
GE 6000	36.2	37.7	40.2	42.9	45.4	45.8	46.7	47.1	47.
GE 5000	40.8	42.4	45.3	48.2	50.8	51.1	52.0	52.4	52.
GE 4500	45.1	46.8	49.9	53.1	55.8	56.1	57.0	57.4	57.
GE 4000	51.1	53.9	57.1	60.3	63.2	63.6	64.6	65.0	65.
GE 3500	57.1	60.1	63.6	66.9	70.1	70.4	71.4	71.9	71.
GE 3000	60.9	64.2	68.6	72.1	76.0	76.3	77.4	77.9	77.
GE 2500	62.4	66.3	70.9	74.4	78.3	78.9	80.0	80.4	80.
GE 2000	63.7	68.1	72.7	76.9	81.1	81.7	82.8	83.2	83.
GE 1800	64.1	68.8	73.3	77.7	82.1	82.7	83.9	84.2	84.
GE 1500	65.1	69.9	74.6	79.0	83.4	84.0	85.4	85.9	86.
GE 1200	65.4	70.3	75.1	79.6	84.2	84.8	86.2	86.7	86.
GE 1000	65.8	70.9	75.8	80.4	85.1	85.7	87.1	87.6	87.
GE 900	65.9	71.0	75.9	80.6	85.6	86.1	87.6	88.0	88.
GE 800	66.1	71.2	76.1	80.8	85.8	86.3	87.9	88.3	88
GE 700	66.2	71.3	76.2	81.0	86.0	86.6	88.1	88.7	88
GE 600	66.3	71.4	76.4	81.2	86.3	86.9	88.4	89.0	89
GE 500	66.3	71.6	76.7	81.6	87.0	87.6	89.3	90.0	90
GE 400	66.3	71.6	76.8	81.7	87.4	88.0	89.8	90.6	90
GE 300	66.3	71.6	76.8	81.7	87.4	88.0	89.8	90.6	90
GE 200	66.3	71.6	76.8	81.7	87.4	88.0	89.9	90.7	90
GE 100	66.3	71.6	76.8	81.7	87.6	88.2	90.1	91.2	91
GE 000	66.3	71.6	76.8	81.7	87.6	88.2	90.1	91.2	91

TOTAL NUMBER OF OBSERVATIONS 900

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: 21-23

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
27.8	28.1	28.1	28.7	28.9	28.9	29.3	29.4	29.7	30.2
30.2	30.6	30.6	31.1	31.3	31.3	31.8	31.9	32.2	32.8
30.7	31.0	31.0	31.6	31.8	31.8	32.2	32.3	32.7	33.2
30.7	31.0	31.0	31.6	31.8	31.8	32.3	32.4	32.8	33.3
31.3	31.7	31.7	32.2	32.4	32.4	33.0	33.1	33.4	34.0
33.1	33.4	33.4	34.0	34.2	34.2	34.8	34.9	35.2	35.8
37.4	37.8	37.8	38.3	38.6	38.6	39.1	39.2	39.6	40.1
38.4	38.8	38.8	39.3	39.6	39.6	40.1	40.2	40.6	41.1
42.9	43.3	43.3	44.0	44.2	44.2	44.8	44.9	45.2	45.8
45.1	45.6	45.6	46.2	46.4	46.4	47.0	47.1	47.4	48.0
46.7	47.1	47.1	47.8	48.0	48.0	48.6	48.7	49.0	49.6
52.0	52.4	52.4	53.1	53.3	53.3	53.9	54.0	54.3	54.9
57.0	57.4	57.4	58.1	58.3	58.3	58.9	59.0	59.3	60.0
64.6	65.0	65.0	65.7	65.9	65.9	66.4	66.6	66.9	67.6
71.4	71.9	71.9	72.6	72.8	72.8	73.3	73.4	73.8	74.4
77.4	77.9	77.9	78.6	78.8	78.8	79.6	79.7	80.0	80.7
80.0	80.4	80.6	81.4	81.9	81.9	82.7	82.8	83.1	83.8
82.8	83.2	83.3	84.2	84.7	84.7	85.4	85.6	85.9	86.6
83.8	84.2	84.3	85.2	85.7	85.7	86.4	86.6	86.9	87.6
85.4	85.9	86.0	86.9	87.3	87.3	88.1	88.2	88.6	89.2
86.2	86.7	86.8	87.7	88.1	88.1	88.9	89.0	89.3	90.0
87.1	87.6	87.7	88.6	89.0	89.0	89.8	89.9	90.2	90.9
87.6	88.0	88.1	89.0	89.4	89.4	90.2	90.3	90.7	91.3
87.9	88.3	88.4	89.3	89.8	89.8	90.6	90.7	91.0	91.7
88.1	88.7	88.8	89.7	90.1	90.1	90.9	91.0	91.3	92.0
88.4	89.0	89.1	90.0	90.4	90.4	91.2	91.3	91.7	92.3
89.3	90.0	90.1	91.0	91.4	91.4	92.2	92.3	92.7	93.3
89.8	90.6	90.7	91.7	92.1	92.1	92.9	93.0	93.3	94.0
89.8	90.6	90.8	92.0	92.6	92.6	93.9	94.1	94.4	95.1
89.9	90.7	90.9	92.1	92.8	92.8	94.2	94.4	94.8	95.6
90.1	91.2	91.4	92.7	93.3	93.3	95.2	95.7	96.0	98.4
90.1	91.2	91.4	92.7	93.3	93.3	95.2	95.7	96.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURREN
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSER

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	17.9	19.2	20.6	21.5	22.8	23.0	23.5	23.8	23.8
GE 20000	20.6	22.0	23.6	24.6	26.0	26.2	26.7	27.0	27.0
GE 18000	20.9	22.3	23.9	24.9	26.3	26.5	27.0	27.4	27.4
GE 16000	21.1	22.5	24.2	25.2	26.6	26.8	27.3	27.6	27.6
GE 14000	22.6	24.0	25.8	26.8	28.2	28.5	29.0	29.3	29.3
GE 12000	24.3	25.8	27.6	28.7	30.2	30.5	31.0	31.3	31.3
GE 10000	27.6	29.2	31.2	32.4	34.1	34.4	34.9	35.3	35.3
GE 9000	28.1	29.8	31.8	33.0	34.7	35.0	35.5	36.0	36.0
GE 8000	32.5	34.2	36.4	37.6	39.5	39.9	40.5	41.0	41.0
GE 7000	34.9	36.6	38.8	40.1	42.0	42.4	43.0	43.4	43.4
GE 6000	36.1	37.9	40.1	41.4	43.3	43.7	44.3	44.8	44.8
GE 5000	40.0	41.9	44.2	45.6	47.6	48.1	48.7	49.2	49.2
GE 4500	43.4	45.5	48.1	49.6	51.7	52.2	52.8	53.3	53.3
GE 4000	51.2	53.8	56.7	58.3	60.6	61.2	61.9	62.4	62.4
GE 3500	56.7	59.5	62.7	64.6	67.1	67.7	68.5	69.0	69.0
GE 3000	62.3	65.5	69.1	71.3	74.2	74.7	75.8	76.3	76.3
GE 2500	64.3	68.2	72.1	74.4	77.5	78.1	79.2	79.8	79.8
GE 2000	66.3	70.0	74.1	76.5	80.0	80.7	81.9	82.6	82.6
GE 1800	66.5	70.4	74.5	77.2	80.6	81.3	82.5	83.2	83.2
GE 1500	67.8	71.6	75.9	78.6	82.1	82.8	84.2	85.0	85.0
GE 1200	68.2	72.1	76.6	79.3	82.9	83.6	85.1	85.9	85.9
GE 1000	68.8	72.8	77.5	80.3	84.1	84.8	86.3	87.1	87.1
GE 900	68.9	72.9	77.6	80.5	84.3	85.1	86.6	87.4	87.4
GE 800	69.0	73.1	77.8	80.8	84.7	85.4	87.1	87.9	87.9
GE 700	69.3	73.3	78.1	81.1	85.0	85.8	87.5	88.4	88.4
GE 600	69.3	73.4	78.2	81.3	85.3	86.1	88.0	89.0	89.0
GE 500	69.5	73.5	78.5	81.7	85.9	86.8	88.8	89.9	90.0
GE 400	69.5	73.6	78.6	81.7	86.2	87.0	89.2	90.4	90.4
GE 300	69.5	73.6	78.6	81.8	86.3	87.1	89.4	90.8	91.0
GE 200	69.5	73.6	78.6	81.8	86.3	87.2	89.6	91.1	91.1
GE 100	69.5	73.6	78.6	81.8	86.4	87.2	89.7	91.2	91.2
GE 000	69.5	73.6	78.6	81.8	86.4	87.2	89.7	91.2	91.2

TOTAL NUMBER OF OBSERVATIONS 7200

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV HOURS: ALL

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
23.5	23.8	23.8	24.2	24.5	24.5	24.7	24.8	25.0	25.5
26.7	27.0	27.0	27.4	27.7	27.7	27.9	28.0	28.2	28.7
27.0	27.4	27.4	27.7	28.0	28.0	28.3	28.3	28.6	29.1
27.3	27.6	27.6	27.9	28.3	28.3	28.5	28.6	28.8	29.3
29.0	29.3	29.3	29.7	30.0	30.0	30.3	30.4	30.6	31.1
31.0	31.3	31.3	31.7	32.1	32.1	32.3	32.4	32.6	33.2
34.9	35.3	35.3	35.7	36.1	36.1	36.4	36.4	36.7	37.2
35.6	36.0	36.0	36.3	36.7	36.7	37.0	37.1	37.3	37.8
40.5	41.0	41.0	41.4	41.8	41.8	42.1	42.2	42.4	42.9
43.0	43.4	43.4	43.9	44.3	44.3	44.6	44.7	44.9	45.4
44.3	44.8	44.8	45.2	45.6	45.6	45.9	46.0	46.2	46.8
48.7	49.2	49.2	49.7	50.0	50.0	50.3	50.4	50.7	51.2
52.8	53.3	53.3	53.8	54.2	54.2	54.5	54.6	54.9	55.5
61.9	62.4	62.4	62.9	63.3	63.3	63.6	63.7	64.0	64.6
69.5	69.0	69.0	69.5	69.9	69.9	70.3	70.3	70.6	71.2
75.8	76.3	76.4	76.9	77.3	77.3	77.7	77.8	78.1	78.7
79.2	79.8	79.9	80.5	81.0	81.0	81.4	81.5	81.8	82.4
81.9	82.6	82.6	83.2	83.7	83.7	84.1	84.2	84.5	85.1
82.5	83.2	83.2	83.8	84.3	84.3	84.7	84.8	85.1	85.7
84.2	85.0	85.0	85.6	86.1	86.1	86.6	86.7	86.9	87.5
85.1	85.9	85.9	86.6	87.1	87.1	87.5	87.6	87.9	88.5
86.3	87.1	87.1	87.8	88.3	88.3	88.7	88.8	89.1	89.7
86.8	87.4	87.4	88.1	88.7	88.7	89.1	89.2	89.4	90.1
87.1	87.9	87.9	88.6	89.2	89.2	89.6	89.7	90.0	90.6
87.5	88.4	88.5	89.2	89.7	89.7	90.2	90.3	90.5	91.2
88.0	89.0	89.0	89.8	90.4	90.4	90.9	91.0	91.3	91.9
88.8	89.9	90.0	90.9	91.4	91.4	92.0	92.1	92.4	93.0
89.2	90.4	90.5	91.6	92.2	92.2	92.7	92.8	93.1	93.8
89.4	90.8	91.0	92.2	93.0	93.1	93.8	94.0	94.3	95.1
89.6	91.1	91.3	92.8	93.8	93.8	94.8	95.2	95.7	96.7
89.7	91.2	91.5	93.0	94.1	94.1	95.2	95.8	96.5	99.1
89.7	91.2	91.5	93.0	94.1	94.1	95.2	95.8	96.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	16.7	18.3	20.1	21.4	24.5	24.6	25.1	25.4	25.
GE 20000	17.1	18.8	21.0	22.3	25.4	25.5	25.9	26.2	26.
GE 18000	17.1	18.8	21.0	22.3	25.4	25.5	25.9	26.2	26.
GE 16000	17.1	18.8	21.0	22.3	25.4	25.5	25.9	26.2	26.
GE 14000	18.0	19.7	21.9	23.2	26.3	26.5	26.9	27.2	27.
GE 12000	18.9	20.6	22.9	24.2	27.3	27.4	27.8	28.2	28.
GE 10000	21.2	22.9	25.4	26.7	30.2	30.3	30.8	31.2	31.
GE 9000	21.8	23.5	26.0	27.3	30.9	31.0	31.4	31.8	31.
GE 8000	24.9	26.8	29.2	30.5	34.2	34.3	34.7	35.2	35.
GE 7000	26.5	28.4	30.9	32.2	36.2	36.3	36.9	37.5	37.
GE 6000	28.2	30.5	33.2	34.5	38.6	38.7	39.6	40.2	40.
GE 5000	32.2	34.7	37.4	39.2	43.5	43.7	44.6	45.2	45.
GE 4500	35.5	38.4	41.2	43.3	47.8	48.0	48.8	49.6	49.
GE 4000	40.0	43.1	46.3	48.8	53.7	53.8	54.6	55.4	55.
GE 3500	44.8	48.6	52.3	54.9	59.9	60.1	61.0	61.7	61.
GE 3000	49.6	53.8	57.7	60.6	66.7	66.9	67.8	68.7	68.
GE 2500	52.2	56.3	60.6	63.8	69.8	70.0	71.1	71.9	72.
GE 2000	53.7	58.1	62.5	65.9	72.0	72.3	73.3	74.2	74.
GE 1800	54.0	58.5	62.9	66.5	72.7	72.9	74.0	74.9	75.
GE 1500	55.7	60.3	64.7	68.5	75.1	75.3	76.3	77.6	77.
GE 1200	56.1	60.9	65.4	69.2	75.9	76.0	77.1	78.4	78.
GE 1000	56.5	61.3	65.9	69.9	76.3	76.5	77.6	78.9	79
GE 900	56.6	61.4	66.1	70.0	76.6	76.8	78.0	79.2	79
GE 800	56.8	61.7	66.5	70.4	77.0	77.2	78.4	79.7	79
GE 700	56.8	61.7	66.5	70.4	77.0	77.2	78.6	79.9	80
GE 600	56.8	61.7	66.8	70.9	77.5	77.7	79.6	80.9	81
GE 500	56.9	61.8	66.9	71.2	78.0	78.2	80.2	81.6	81
GE 400	56.9	61.8	66.9	71.2	78.0	78.2	81.0	82.5	82
GE 300	56.9	61.9	67.0	71.3	78.2	78.4	81.3	82.8	82
GE 200	56.9	61.9	67.0	71.3	78.3	78.5	81.5	83.2	83
GE 100	56.9	61.9	67.0	71.3	78.4	78.6	81.6	83.3	83
GE 000	56.9	61.9	67.0	71.3	78.4	78.6	81.6	83.3	83

TOTAL NUMBER OF OBSERVATIONS 930

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: 00-02

ILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
25.1	25.4	25.5	26.0	26.7	26.8	27.6	27.8	28.0	28.8
25.9	26.2	26.3	26.9	27.5	27.6	28.5	28.8	28.9	29.8
25.9	26.2	26.3	26.9	27.5	27.6	28.5	28.8	28.9	29.8
25.9	26.2	26.3	26.9	27.5	27.6	28.5	28.8	28.9	29.8
26.9	27.2	27.3	27.8	28.5	28.6	29.5	29.8	29.9	30.8
27.8	28.2	28.3	29.0	29.7	29.8	30.6	31.0	31.1	32.0
30.8	31.2	31.3	32.0	32.7	32.8	33.7	34.0	34.1	35.1
31.4	31.8	31.9	32.7	33.3	33.4	34.3	34.6	34.7	35.7
34.7	35.2	35.3	36.2	36.9	37.0	37.8	38.2	38.3	39.2
36.9	37.5	37.6	38.5	39.4	39.5	40.3	40.6	40.8	41.7
39.6	40.2	40.3	41.3	42.0	42.2	43.0	43.3	43.4	44.4
44.5	45.2	45.3	46.2	47.0	47.1	48.0	48.3	48.4	49.4
48.3	49.6	49.7	50.8	51.5	51.6	52.5	52.8	52.9	53.9
54.5	55.4	55.5	56.6	57.3	57.4	58.4	58.7	58.9	60.2
61.0	61.7	61.8	62.9	63.9	64.0	64.9	65.3	65.5	66.8
67.8	68.7	68.8	70.1	71.1	71.2	72.3	72.6	72.8	74.1
71.1	71.9	72.0	73.4	74.4	74.5	75.7	76.0	76.2	77.5
73.3	74.2	74.3	75.9	76.9	77.0	78.2	78.5	78.8	80.2
74.0	74.9	75.1	76.7	77.6	77.7	78.9	79.2	79.6	81.0
76.3	77.6	77.7	79.4	80.3	80.4	81.6	81.9	82.3	83.7
77.1	78.4	78.5	80.1	81.1	81.2	82.4	82.7	83.0	84.4
77.5	78.9	79.0	80.6	81.7	81.8	83.1	83.4	83.8	85.2
78.0	79.2	79.4	81.0	82.0	82.2	83.4	83.8	84.1	85.5
78.4	79.7	79.8	81.4	82.5	82.6	83.9	84.2	84.5	85.9
78.6	79.9	80.0	81.6	82.7	82.8	84.1	84.4	84.7	86.1
79.6	80.9	81.0	82.7	83.9	84.0	85.3	85.6	85.9	87.3
80.2	81.6	81.7	83.5	84.7	84.8	86.1	86.5	86.8	88.2
81.0	82.5	82.6	84.5	85.8	85.9	87.3	87.6	88.0	89.4
81.3	82.8	82.9	85.1	86.7	86.8	88.2	88.7	89.2	92.5
81.5	83.2	83.3	85.7	87.5	87.6	89.5	90.2	91.4	96.8
81.6	83.3	83.4	85.8	87.7	87.8	89.9	90.9	92.5	99.0
81.6	83.3	83.4	85.8	87.7	87.8	89.9	90.9	92.5	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	14.2	15.6	16.1	18.3	21.3	21.7	22.3	23.4	23.5
GE 20000	15.1	16.8	17.3	19.5	22.5	22.9	23.4	24.6	24.7
GE 18000	15.1	16.8	17.3	19.5	22.5	22.9	23.4	24.6	24.7
GE 16000	15.1	16.8	17.3	19.5	22.5	22.9	23.4	24.6	24.7
GE 14000	15.7	17.4	18.0	20.1	23.1	23.5	24.1	25.3	25.4
GE 12000	16.9	18.6	19.1	21.3	24.3	24.7	25.4	26.6	26.7
GE 10000	18.1	20.1	21.1	23.4	26.6	27.2	27.8	29.0	29.1
GE 9000	18.4	20.4	21.4	23.8	26.9	27.5	28.2	29.4	29.5
GE 8000	20.5	22.7	23.9	26.5	29.9	30.5	31.3	32.6	32.7
GE 7000	21.5	23.7	24.8	27.4	31.0	31.6	32.4	33.7	33.8
GE 6000	22.2	24.5	25.7	28.4	31.9	32.6	33.3	34.5	34.7
GE 5000	26.8	29.6	31.0	33.9	37.7	38.4	39.1	40.4	40.5
GE 4500	32.7	36.5	38.4	41.7	45.8	46.5	47.3	48.8	48.9
GE 4000	37.5	41.3	44.2	47.6	52.2	53.0	54.1	55.6	55.8
GE 3500	41.3	45.4	48.6	52.2	56.9	57.7	58.9	60.4	60.6
GE 3000	46.5	51.0	54.6	58.6	64.0	64.8	66.3	68.1	68.3
GE 2500	49.7	54.5	58.4	62.7	68.6	69.5	71.2	72.9	73.1
GE 2000	51.2	56.2	60.4	64.9	71.1	71.9	74.0	75.7	75.9
GE 1800	51.5	56.7	60.9	65.4	71.6	72.5	74.5	76.2	76.5
GE 1500	53.0	58.4	62.7	67.3	73.9	74.7	76.9	78.7	78.9
GE 1200	53.9	59.2	63.7	68.3	74.9	75.8	78.0	79.8	80.0
GE 1000	54.5	59.9	64.3	69.0	75.8	76.7	79.0	81.1	81.3
GE 900	54.5	60.0	64.5	69.2	76.2	77.2	79.6	81.6	81.8
GE 800	54.6	60.0	64.7	69.5	76.6	77.5	79.9	81.9	82.2
GE 700	54.6	60.0	64.7	69.5	76.6	77.6	80.0	82.2	82.4
GE 600	55.1	60.4	65.3	70.0	77.2	78.3	80.6	82.9	83.1
GE 500	55.1	60.4	65.5	70.5	77.7	78.9	81.4	83.7	83.9
GE 400	55.1	60.5	65.6	70.6	77.8	79.0	81.3	84.3	84.5
GE 300	55.2	60.6	65.7	71.0	78.5	79.7	82.6	85.3	85.5
GE 200	55.2	60.6	65.7	71.4	79.1	80.3	83.3	86.0	86.2
GE 100	55.2	60.6	65.7	71.4	79.2	80.4	83.4	86.2	86.5
GE 000	55.2	60.6	65.7	71.4	79.2	80.4	83.4	86.2	86.5

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: DEC HOURS: 03-05

ILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
22.3	23.4	23.6	24.1	24.3	24.3	25.2	25.5	25.9	27.1
23.4	24.6	24.7	25.3	25.5	25.5	26.3	26.7	27.1	28.3
23.4	24.6	24.7	25.3	25.5	25.5	26.3	26.7	27.1	28.3
23.4	24.6	24.7	25.3	25.5	25.5	26.3	26.7	27.1	28.3
24.1	25.3	25.4	25.9	26.1	26.1	27.0	27.3	27.7	28.9
25.4	26.6	26.7	27.2	27.4	27.4	28.3	28.6	29.0	30.2
27.6	29.0	29.1	29.8	30.0	30.0	30.9	31.2	31.6	32.8
28.2	29.4	29.5	30.1	30.3	30.3	31.2	31.5	31.9	33.1
31.3	32.6	32.7	33.3	33.5	33.5	34.4	34.7	35.2	36.3
32.4	33.7	33.8	34.4	34.6	34.6	35.5	35.8	36.2	37.4
33.3	34.6	34.7	35.4	35.6	35.6	36.5	36.8	37.2	38.4
39.1	40.4	40.5	41.2	41.4	41.4	42.3	42.6	43.0	44.2
47.3	48.8	48.9	49.6	49.8	49.8	50.6	51.0	51.4	52.6
54.1	55.6	55.8	56.5	56.7	56.7	57.5	57.8	58.3	59.5
58.9	60.4	60.6	61.3	61.5	61.5	62.4	62.7	63.1	64.4
66.3	68.1	68.3	69.1	69.4	69.4	70.3	70.6	71.1	72.5
71.2	72.9	73.1	74.2	74.4	74.4	75.4	75.7	76.1	77.5
74.0	75.7	75.9	77.0	77.2	77.2	78.2	78.5	78.9	80.3
74.6	76.2	76.5	77.5	77.7	77.7	78.7	79.0	79.5	80.9
76.9	78.7	78.9	80.0	80.2	80.2	81.2	81.5	81.9	83.3
78.0	79.8	80.0	81.1	81.3	81.3	82.3	82.6	83.0	84.4
79.0	81.1	81.3	82.4	82.6	82.6	83.8	84.1	84.5	85.9
79.6	81.6	81.8	83.0	83.2	83.2	84.4	84.7	85.2	86.6
79.9	81.9	82.2	83.3	83.5	83.5	84.7	85.1	85.5	86.9
80.0	82.2	82.4	83.5	83.8	83.8	84.9	85.3	85.7	87.1
80.6	82.9	83.1	84.3	84.5	84.5	85.7	86.0	86.5	87.8
81.4	83.7	83.9	85.1	85.3	85.3	86.5	86.8	87.2	88.6
81.3	84.3	84.5	85.8	86.1	86.1	87.3	87.6	88.1	89.5
82.6	85.3	85.5	86.8	87.2	87.2	88.5	88.9	89.7	92.6
83.3	86.0	86.2	88.0	88.4	88.6	90.2	90.6	92.2	96.5
83.4	86.2	86.5	88.2	88.6	88.8	90.5	91.2	93.0	98.7
83.4	86.2	86.5	88.2	88.6	88.8	90.5	91.2	93.0	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1
NO CEIL	12.9	14.0	15.8	16.8	19.0	19.4	19.8	20.3	20.
GE 20000	14.8	16.0	18.0	18.9	21.3	21.6	22.0	22.6	22.
GE 18000	14.9	16.1	18.1	19.0	21.4	21.7	22.2	22.7	22.
GE 16000	14.9	16.1	18.1	19.0	21.4	21.7	22.2	22.7	22.
GE 14000	16.0	17.3	19.2	20.2	22.6	22.9	23.3	23.9	23.
GE 12000	18.0	19.2	21.3	22.3	24.6	24.9	25.4	25.9	25.
GE 10000	20.4	21.8	24.1	25.2	27.6	28.0	28.4	28.9	28.
GE 9000	20.8	22.2	24.4	25.5	28.0	28.3	28.7	29.2	29.
GE 8000	25.1	26.9	29.1	30.4	33.0	33.3	33.9	34.4	34.
GE 7000	25.8	27.7	30.0	31.3	33.9	34.2	34.7	35.3	35.
GE 6000	26.6	28.7	31.0	32.4	34.9	35.3	35.8	36.3	36.
GE 5000	31.4	33.7	36.2	38.1	41.1	41.4	41.9	42.5	42.
GE 4500	35.5	38.7	41.5	43.7	47.0	47.3	48.1	48.6	48.
GE 4000	41.9	44.2	47.8	50.2	53.9	54.2	54.9	55.5	55.
GE 3500	46.8	49.4	53.3	56.0	60.0	60.3	61.1	61.6	61.
GE 3000	51.3	54.2	58.6	61.3	66.0	66.5	67.4	68.1	68
GE 2500	55.2	58.3	62.7	65.6	70.9	71.3	72.4	73.0	73
GE 2000	56.5	59.8	64.4	67.5	73.1	73.5	74.7	75.4	75
GE 1800	56.8	60.0	64.6	67.7	73.3	73.8	74.9	75.6	75
GE 1500	58.4	61.9	66.7	70.0	75.9	76.3	77.6	78.4	78
GE 1200	59.1	62.8	67.8	71.3	77.4	77.8	79.1	79.9	79
GE 1000	59.9	63.7	68.8	72.4	78.7	79.2	80.9	81.7	81
GE 900	60.2	64.1	69.2	72.9	79.1	79.7	81.4	82.3	82
GE 800	60.3	64.3	69.6	73.2	79.6	80.1	81.8	82.7	82
GE 700	60.3	64.3	69.6	73.2	79.7	80.2	81.9	82.8	82
GE 600	60.5	64.5	69.8	73.4	79.9	80.4	82.2	83.0	83
GE 500	60.8	64.7	70.0	73.8	80.5	81.1	83.0	83.9	83
GE 400	61.0	64.9	70.3	74.1	80.9	81.5	83.8	84.7	84
GE 300	61.0	65.1	70.4	74.2	81.2	81.9	84.4	85.5	85
GE 200	61.0	65.2	70.5	74.3	81.3	82.0	84.7	86.0	86
GE 100	61.0	65.3	70.6	74.4	81.4	82.2	84.8	86.1	86
GE 000	61.0	65.3	70.6	74.4	81.4	82.2	84.8	86.1	86

TOTAL NUMBER OF OBSERVATIONS 930

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 06-08

ILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
19.3	20.3	20.3	20.4	20.9	20.9	21.3	21.3	21.7	23.3
22.1	22.6	22.6	22.7	23.1	23.1	23.5	23.5	24.0	25.6
22.2	22.7	22.7	22.8	23.2	23.2	23.7	23.7	24.1	25.7
22.2	22.7	22.7	22.8	23.2	23.2	23.7	23.7	24.1	25.7
23.3	23.9	23.9	24.0	24.4	24.4	24.8	24.8	25.3	26.9
25.4	25.9	25.9	26.0	26.5	26.5	26.9	26.9	27.3	28.9
28.4	28.9	28.9	29.0	29.6	29.6	30.0	30.0	30.4	32.0
28.7	29.2	29.2	29.4	29.9	29.9	30.3	30.3	30.8	32.4
33.9	34.4	34.4	34.5	35.1	35.1	35.5	35.5	35.9	37.7
34.7	35.3	35.3	35.4	35.9	35.9	36.3	36.3	36.8	38.6
35.8	36.3	36.3	36.5	37.0	37.0	37.4	37.4	37.8	39.8
41.9	42.5	42.5	42.6	43.1	43.1	43.5	43.5	44.0	45.9
48.1	48.6	48.6	48.8	49.4	49.4	49.8	49.8	50.2	52.2
54.9	55.5	55.5	55.3	56.3	56.3	56.8	56.8	57.2	59.1
61.1	61.6	61.6	61.9	62.5	62.5	62.9	62.9	63.3	65.3
67.4	68.1	68.1	68.5	69.1	69.1	69.6	69.6	70.0	71.9
72.4	73.0	73.0	73.4	74.1	74.1	74.5	74.5	74.9	76.9
74.7	75.4	75.4	75.8	76.5	76.5	76.9	76.9	77.3	79.2
74.9	75.6	75.6	76.0	76.7	76.7	77.1	77.1	77.5	79.5
77.6	78.4	78.4	78.8	79.5	79.5	79.9	79.9	80.3	82.3
79.1	79.9	79.9	80.4	81.1	81.1	81.5	81.5	81.9	83.9
80.9	81.7	81.7	82.3	82.9	82.9	83.3	83.3	83.8	85.7
81.4	82.3	82.3	82.8	83.4	83.4	83.9	83.9	84.3	86.2
81.8	82.7	82.7	83.2	83.9	83.9	84.3	84.3	84.7	86.7
81.9	82.8	82.8	83.3	84.0	84.0	84.4	84.4	84.8	86.8
82.2	83.0	83.0	83.5	84.2	84.3	84.7	84.7	85.2	87.2
83.0	83.9	83.9	84.8	85.6	85.7	86.1	86.1	86.7	88.7
83.8	84.7	84.7	85.7	86.5	86.6	87.1	87.2	88.0	90.2
84.4	85.5	85.5	86.5	87.2	87.3	87.8	88.0	88.8	92.9
84.7	86.0	86.0	87.2	88.1	88.2	89.1	89.7	91.1	96.5
84.8	86.1	86.1	87.3	88.2	88.3	89.2	89.8	91.5	98.8
84.8	86.1	86.1	87.3	88.2	88.3	89.2	89.8	91.5	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	15.4	17.1	17.6	19.1	20.0	20.3	20.6	20.6	20.6
GE 20000	18.0	19.8	20.6	22.3	23.4	23.8	24.1	24.1	24.1
GE 18000	18.1	19.9	20.8	22.4	23.5	23.9	24.2	24.2	24.2
GE 16000	18.1	19.9	20.9	22.5	23.7	24.0	24.3	24.3	24.3
GE 14000	20.0	21.8	22.8	24.4	25.6	25.9	26.2	26.2	26.2
GE 12000	21.3	23.1	24.2	26.0	27.3	27.6	28.0	28.1	28.1
GE 10000	24.3	26.5	27.8	29.8	31.2	31.5	31.8	31.9	31.9
GE 9000	24.5	26.9	28.2	30.1	31.5	31.8	32.2	32.3	32.3
GE 8000	29.6	31.9	33.2	35.2	36.6	36.9	37.2	37.3	37.3
GE 7000	31.4	33.8	35.1	37.0	38.4	38.7	39.0	39.1	39.1
GE 6000	32.2	34.5	35.8	37.7	39.1	39.5	39.8	39.9	39.9
GE 5000	35.5	39.6	41.1	43.1	44.6	44.9	45.3	45.4	45.4
GE 4500	39.0	42.2	43.9	46.0	48.2	48.5	48.9	49.0	49.0
GE 4000	45.8	49.2	51.7	53.9	56.3	56.9	57.4	57.5	57.5
GE 3500	50.9	54.4	57.0	59.6	62.2	62.8	63.5	63.7	63.7
GE 3000	55.4	59.0	62.0	65.2	68.4	69.0	70.1	70.2	70.3
GE 2500	58.5	62.3	65.7	69.4	72.7	73.7	74.8	74.9	75.1
GE 2000	60.4	64.4	68.5	72.4	75.8	76.9	78.4	78.6	78.7
GE 1800	60.9	64.8	69.0	72.9	76.3	77.4	78.9	79.1	79.2
GE 1500	62.4	66.3	71.3	75.4	79.2	80.0	81.6	82.0	82.2
GE 1200	62.8	66.9	71.8	75.9	79.6	80.8	82.4	82.8	82.9
GE 1000	63.2	67.2	72.4	76.5	80.3	81.8	83.9	84.3	84.4
GE 900	63.4	67.5	72.7	76.8	80.8	82.3	84.3	84.7	84.8
GE 800	63.7	67.7	72.9	77.0	81.1	82.6	84.6	85.1	85.2
GE 700	63.9	68.1	73.2	77.4	81.5	83.1	85.3	85.7	85.8
GE 600	64.1	68.3	73.4	77.6	81.7	83.3	85.5	85.9	86.0
GE 500	64.1	68.3	73.4	77.6	82.3	84.0	86.2	86.9	87.5
GE 400	64.1	68.3	73.4	77.6	82.6	84.4	85.8	87.4	88.2
GE 300	64.1	68.3	73.4	77.6	82.6	84.4	85.8	87.6	88.5
GE 200	64.1	68.3	73.4	77.6	82.6	84.5	86.9	87.8	88.7
GE 100	64.1	68.3	73.4	77.6	82.6	84.5	86.9	87.8	88.7
GE 000	64.1	68.3	73.4	77.6	82.6	84.5	86.9	87.8	88.7

TOTAL NUMBER OF OBSERVATIONS 930

A

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

8 WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: 09-11

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
20.6	20.6	20.6	20.8	20.8	20.8	20.9	21.2	21.3	22.3
24.1	24.1	24.1	24.2	24.2	24.2	24.3	24.6	24.8	25.9
24.2	24.2	24.2	24.3	24.3	24.3	24.4	24.7	24.9	26.0
24.3	24.3	24.3	24.4	24.4	24.4	24.5	24.8	25.1	26.1
26.2	26.2	26.2	26.3	26.3	26.3	26.5	26.8	27.0	28.1
28.0	28.1	28.1	28.3	28.3	28.3	28.4	28.7	28.9	30.0
31.8	31.9	31.9	32.2	32.2	32.2	32.3	32.6	32.8	33.9
32.2	32.3	32.3	32.5	32.5	32.5	32.6	32.9	33.1	34.2
37.2	37.3	37.3	37.5	37.5	37.5	37.6	38.0	38.2	39.2
39.0	39.1	39.1	39.4	39.4	39.4	39.5	39.8	40.0	41.1
39.8	39.9	39.9	40.1	40.1	40.1	40.2	40.5	40.8	41.8
45.3	45.4	45.4	45.6	45.6	45.6	45.7	46.0	46.2	47.3
48.9	49.0	49.0	49.2	49.2	49.2	49.4	49.7	49.9	51.0
57.4	57.5	57.5	57.7	57.7	57.7	57.8	58.2	58.4	59.5
63.5	63.7	63.7	63.9	63.9	63.9	64.0	64.3	64.5	65.6
70.1	70.2	70.3	70.5	70.5	70.5	70.6	71.0	71.2	72.3
74.8	74.9	75.1	75.3	75.3	75.3	75.4	75.7	75.9	77.1
78.4	78.6	78.7	78.9	78.9	78.9	79.0	79.4	79.6	80.8
78.9	79.1	79.2	79.5	79.5	79.5	79.6	79.9	80.1	81.3
81.6	82.0	82.2	82.4	82.4	82.4	82.5	82.8	83.0	84.2
82.4	82.8	82.9	83.2	83.2	83.2	83.3	83.7	83.9	85.1
83.9	84.3	84.4	85.1	85.1	85.1	85.2	85.5	85.8	87.0
84.3	84.7	84.8	85.5	85.5	85.5	85.6	85.9	86.2	87.4
84.6	85.1	85.2	85.8	85.9	85.9	86.0	86.3	86.7	87.8
85.3	85.7	85.8	86.5	86.6	86.6	86.7	87.0	87.3	88.5
85.5	85.9	86.0	86.7	86.9	86.9	87.0	87.3	87.6	98.8
86.2	86.9	87.5	88.3	88.5	88.5	88.9	89.2	89.6	90.8
86.3	87.4	88.2	89.1	89.6	89.6	90.0	90.6	91.1	92.6
86.8	87.6	88.5	90.1	90.9	90.9	91.3	92.3	92.9	95.3
86.9	87.8	88.7	90.4	91.5	91.5	91.9	93.1	94.1	97.4
86.9	87.8	88.7	90.4	91.7	91.7	92.4	93.5	94.6	99.5
86.9	87.8	88.7	90.4	91.7	91.7	92.4	93.5	94.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	19.9	20.1	20.4	20.9	21.4	21.4	21.7	21.7	21
GE 20000	24.3	24.6	24.9	25.5	26.2	26.2	26.6	26.6	26
GE 18000	24.7	25.1	25.4	25.9	26.7	26.7	27.0	27.0	27
GE 16000	24.9	25.3	25.6	26.1	26.9	26.9	27.2	27.2	27
GE 14000	27.1	27.4	27.7	28.3	29.0	29.0	29.4	29.4	29
GE 12000	29.0	29.4	29.7	30.2	31.0	31.0	31.4	31.4	31
GE 10000	31.7	32.3	32.7	33.2	34.0	34.0	34.4	34.4	34
GE 9000	32.9	33.7	34.1	34.7	35.4	35.4	35.8	35.8	35
GE 8000	36.0	36.7	37.1	37.8	38.7	38.7	39.1	39.1	39
GE 7000	37.6	38.4	38.9	39.7	40.8	40.8	41.2	41.2	41
GE 6000	38.1	38.8	39.5	40.2	41.3	41.3	41.7	41.9	41
GE 5000	42.2	42.9	44.3	45.3	46.5	46.5	47.0	47.2	47
GE 4500	45.5	46.3	48.2	49.1	50.3	50.3	50.9	51.1	51
GE 4000	51.3	52.2	54.0	55.2	56.6	56.6	57.1	57.3	57
GE 3500	57.7	58.9	61.2	62.5	63.9	64.1	64.6	64.8	64
GE 3000	64.8	66.3	68.7	70.6	72.5	72.8	73.3	73.5	73
GE 2500	67.5	69.0	71.4	73.9	75.7	76.0	76.6	76.9	76
GE 2000	70.3	71.9	74.7	77.5	79.7	80.0	80.5	80.9	80
GE 1800	71.2	73.0	75.8	78.7	81.0	81.3	81.8	82.2	82
GE 1500	72.2	74.0	76.9	80.1	82.6	82.9	83.5	84.1	84
GE 1200	72.7	74.7	77.8	81.1	83.5	83.9	84.5	85.1	85
GE 1000	73.1	75.5	78.7	82.2	84.8	85.3	86.1	87.0	87
GE 900	73.2	75.6	78.8	82.3	85.1	85.5	86.3	87.2	87
GE 800	73.5	75.9	79.2	82.9	85.9	86.3	87.2	88.1	88
GE 700	73.5	75.9	79.4	83.0	86.0	86.5	87.4	88.3	88
GE 600	73.8	76.2	79.8	83.4	86.6	87.1	88.0	88.9	88
GE 500	73.8	76.2	79.9	83.8	87.2	87.7	89.0	90.6	90
GE 400	73.8	76.2	80.2	84.3	88.0	88.7	90.0	91.8	92
GE 300	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.4	93
GE 200	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.5	93
GE 100	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.5	93
GE 000	73.8	76.2	80.3	84.4	88.1	88.8	90.4	92.5	93

TOTAL NUMBER OF OBSERVATIONS 930

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 12-14

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.9	21.9
25.6	25.6	26.6	25.7	26.7	26.7	26.7	26.7	26.8	26.8
27.0	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.2	27.2
27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.4	27.4
29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.6	29.6
31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.6	31.6
34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.6	34.6
34.8	34.8	34.8	34.9	34.9	34.9	34.9	34.9	35.1	35.1
39.1	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.4	39.4
41.2	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.4	41.4
41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0
47.0	47.2	47.2	47.3	47.3	47.3	47.3	47.3	47.4	47.4
50.9	51.1	51.1	51.2	51.2	51.2	51.2	51.2	51.3	51.3
57.1	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.5	57.5
64.6	64.8	64.8	64.9	64.9	64.9	64.9	64.9	65.1	65.1
73.3	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.8	73.8
76.6	76.9	76.9	77.0	77.0	77.0	77.0	77.0	77.2	77.3
80.5	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.3	81.4
81.8	82.2	82.2	82.4	82.4	82.4	82.4	82.4	82.6	82.7
83.5	84.1	84.1	84.5	84.5	84.5	84.5	84.5	84.7	84.8
84.5	85.1	85.1	85.5	85.5	85.5	85.5	85.5	85.7	85.8
86.1	87.0	87.0	87.8	88.0	88.0	88.0	88.1	88.3	88.4
86.3	87.2	87.2	88.1	88.2	88.2	88.2	88.3	88.5	88.6
87.2	88.1	88.1	88.9	89.0	89.0	89.0	89.1	89.5	89.6
87.4	88.3	88.3	89.1	89.2	89.2	89.2	89.4	89.7	89.8
88.0	88.9	88.9	89.8	89.9	89.9	89.9	90.0	90.3	90.4
89.0	90.6	90.8	92.0	92.6	92.6	92.6	92.8	93.1	93.4
90.0	91.8	92.2	93.4	94.0	94.0	94.0	94.2	94.6	94.9
90.4	92.4	93.0	94.9	95.7	95.7	95.7	95.9	96.5	97.0
90.4	92.5	93.1	95.2	96.1	96.1	96.5	96.8	97.4	98.5
90.4	92.5	93.1	95.2	96.1	96.1	96.7	97.1	98.2	99.7
90.4	92.5	93.1	95.2	96.1	96.1	96.7	97.1	98.2	100.0

D

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4
NO CEIL	24.0	24.5	24.7	25.3	26.3	26.3	26.3	26.5	26.5
GE 20000	27.2	27.7	28.3	28.9	30.1	30.1	30.2	30.3	30.3
GE 18000	27.6	28.2	28.7	29.5	30.8	30.8	30.9	31.0	31.0
GE 16000	27.7	28.3	28.8	29.6	30.9	30.9	31.0	31.1	31.1
GE 14000	31.1	31.6	32.2	32.9	34.2	34.2	34.3	34.4	34.4
GE 12000	33.1	33.7	34.2	34.9	36.2	36.2	36.3	36.5	36.5
GE 10000	36.0	36.9	37.4	38.2	39.5	39.5	39.6	39.7	39.7
GE 9000	36.5	37.3	37.8	38.6	39.9	39.9	40.0	40.1	40.1
GE 8000	40.1	41.1	41.6	42.4	43.7	43.7	43.8	43.9	43.9
GE 7000	42.2	43.2	43.8	44.8	46.2	46.2	46.5	46.6	46.6
GE 6000	43.1	44.3	44.9	46.0	47.4	47.4	47.6	47.7	47.7
GE 5000	47.4	48.6	49.5	50.8	52.6	52.6	52.8	52.9	52.9
GE 4500	49.8	51.1	52.0	53.3	55.2	55.2	55.4	55.5	55.5
GE 4000	55.6	57.3	58.4	59.9	61.7	61.8	62.3	62.4	62.4
GE 3500	62.7	64.6	66.0	67.6	69.9	70.0	70.5	70.6	70.6
GE 3000	68.5	70.8	72.3	74.1	76.8	77.0	78.0	78.3	78.3
GE 2500	70.6	73.1	75.1	76.9	79.7	80.0	81.2	81.9	81.9
GE 2000	73.3	75.9	78.1	80.5	83.8	84.1	85.3	86.3	86.3
GE 1800	73.7	76.2	78.5	81.0	84.2	84.5	85.7	86.8	86.8
GE 1500	75.2	77.7	80.1	82.6	85.8	86.1	87.3	88.5	88.5
GE 1200	75.3	77.8	80.2	82.7	85.9	86.2	87.5	88.7	88.7
GE 1000	75.9	78.6	81.0	83.4	86.9	87.3	88.6	89.9	89.9
GE 900	76.1	78.8	81.2	83.7	87.1	87.5	88.9	90.2	90.2
GE 800	76.3	79.1	81.5	84.0	87.4	87.8	89.2	90.5	90.5
GE 700	76.3	79.1	81.5	84.0	87.5	88.0	89.4	90.6	90.6
GE 600	76.3	79.1	81.5	84.0	87.5	88.0	89.4	90.6	90.6
GE 500	76.5	79.2	81.9	84.6	88.3	88.8	90.6	92.8	93.1
GE 400	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.2	93.5
GE 300	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.2	94.0
GE 200	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.4	94.2
GE 100	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.4	94.2
GE 000	76.5	79.2	82.0	84.7	88.4	89.1	91.1	93.4	94.2

TOTAL NUMBER OF OBSERVATIONS 930

A

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: 15-17

TY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
26.3	26.5	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7
30.2	30.3	30.3	30.4	30.4	30.4	30.5	30.8	30.8	30.8
30.9	31.0	31.0	31.1	31.1	31.1	31.3	31.4	31.4	31.4
31.0	31.1	31.1	31.2	31.2	31.2	31.4	31.5	31.5	31.5
34.3	34.4	34.4	34.5	34.5	34.5	34.7	34.8	34.8	34.8
36.3	36.5	36.5	36.6	36.6	36.6	36.8	36.9	36.9	36.9
39.6	39.7	39.7	39.8	39.8	39.8	40.0	40.1	40.1	40.1
40.3	40.1	40.1	40.2	40.2	40.2	40.4	40.5	40.5	40.5
43.3	43.9	43.9	44.0	44.0	44.0	44.2	44.3	44.3	44.3
46.5	46.6	46.6	46.7	46.7	46.7	46.9	47.0	47.0	47.0
47.6	47.7	47.7	47.8	47.8	47.8	48.1	48.2	48.2	48.2
52.8	52.9	52.9	53.0	53.0	53.0	53.2	53.3	53.3	53.3
55.4	55.5	55.5	55.6	55.6	55.6	55.8	55.9	55.9	55.9
62.3	62.4	62.4	62.5	62.5	62.5	62.7	62.8	62.8	62.8
70.5	70.6	70.6	70.9	70.9	70.9	71.1	71.2	71.2	71.2
78.0	78.3	78.3	78.5	78.5	78.5	78.7	78.8	78.8	78.8
81.2	81.9	81.9	82.3	82.4	82.4	82.6	82.7	82.7	82.7
86.3	86.3	86.3	86.7	86.8	86.8	87.0	87.1	87.1	87.1
86.7	86.8	86.8	87.1	87.2	87.2	87.4	87.5	87.5	87.5
87.3	88.5	88.5	88.8	88.9	88.9	89.1	89.2	89.2	89.2
87.5	88.7	88.7	89.0	89.1	89.1	89.4	89.5	89.5	89.5
88.6	89.9	89.9	90.2	90.5	90.5	90.8	90.9	90.9	90.9
88.9	90.2	90.2	90.5	90.9	90.9	91.1	91.2	91.2	91.2
89.2	90.5	90.5	90.9	91.2	91.2	91.4	91.5	91.5	91.5
89.4	90.6	90.6	91.0	91.4	91.4	91.6	91.7	91.7	91.7
89.4	90.6	90.6	91.0	91.4	91.4	91.6	91.7	91.7	91.7
90.6	92.8	93.1	93.5	94.2	94.2	94.4	94.5	94.5	94.5
91.1	93.2	93.9	94.7	95.8	95.8	96.0	96.1	96.1	96.1
91.1	93.2	94.0	95.5	96.7	96.7	97.2	97.4	97.5	97.8
91.1	93.4	94.2	96.0	97.4	97.4	98.1	98.3	98.6	99.6
91.1	93.4	94.2	96.0	97.4	97.4	98.1	98.3	98.6	100.0
91.1	93.4	94.2	96.0	97.4	97.4	98.1	98.3	98.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MIL GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	G 1
NO CEIL	23.1	24.6	25.8	26.3	28.0	28.1	28.6	28.7	2
GE 20000	25.4	27.0	28.3	28.8	30.5	30.6	31.2	31.3	3
GE 18000	25.5	27.2	28.5	29.0	30.8	30.9	31.4	31.5	3
GE 16000	25.5	27.2	28.5	29.0	30.8	30.9	31.4	31.5	3
GE 14000	27.1	28.7	30.0	30.5	32.3	32.4	32.9	33.0	3
GE 12000	29.8	30.4	31.8	32.4	34.1	34.2	34.7	34.8	3
GE 10000	31.4	33.1	34.9	35.5	37.2	37.3	38.0	38.1	3
GE 9000	32.2	34.0	35.8	36.3	38.1	38.2	38.9	39.0	3
GE 8000	36.0	38.0	40.0	40.5	42.3	42.4	43.1	43.3	4
GE 7000	37.6	39.6	41.7	42.3	44.1	44.4	45.2	45.4	4
GE 6000	38.2	40.1	42.5	43.0	44.8	45.2	45.9	46.1	4
GE 5000	42.3	44.4	46.8	47.4	49.2	49.6	50.3	50.5	5
GE 4500	46.0	48.3	51.1	51.7	53.8	54.2	55.1	55.3	5
GE 4000	52.9	55.3	58.6	59.4	61.6	62.0	63.0	63.2	6
GE 3500	58.7	61.4	64.9	65.9	68.3	68.7	69.7	69.9	7
GE 3000	64.0	67.0	71.1	72.0	74.8	75.3	76.7	76.9	7
GE 2500	66.3	69.4	73.7	74.9	77.8	78.6	80.2	80.4	8
GE 2000	68.7	71.9	76.5	78.0	81.2	81.9	84.0	84.2	8
GE 1800	69.0	72.3	76.9	78.4	81.6	82.4	84.4	84.6	8
GE 1500	69.3	73.1	78.1	79.9	83.0	83.8	85.9	86.0	8
GE 1200	70.1	73.4	78.4	80.1	83.3	84.1	86.1	86.3	8
GE 1000	70.4	73.8	78.8	80.5	83.8	84.5	86.7	86.9	8
GE 900	70.4	73.8	78.8	80.5	83.8	84.5	86.3	87.0	8
GE 800	70.4	73.8	79.0	80.8	84.3	85.1	87.3	87.6	8
GE 700	70.4	74.1	79.5	81.2	84.7	85.5	87.7	88.1	8
GE 600	70.5	74.2	79.7	81.6	85.3	86.0	88.4	88.7	8
GE 500	70.5	74.2	79.7	81.7	85.6	86.3	88.8	89.6	8
GE 400	70.5	74.2	79.7	81.7	85.6	86.3	89.1	90.1	9
GE 300	70.5	74.2	79.9	81.9	85.8	86.6	89.5	90.4	9
GE 200	70.5	74.2	79.9	81.9	85.9	86.7	89.6	90.5	9
GE 100	70.5	74.2	79.9	81.9	85.9	86.7	89.6	90.5	9
GE 000	70.5	74.2	79.9	81.9	85.9	86.7	89.6	90.5	9

TOTAL NUMBER OF OBSERVATIONS 930

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AFB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: 18-20

ILITY IN STATUTE MILES

/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
1	28.6	28.7	28.7	29.1	29.2	29.2	29.4	29.5	29.8	30.5
5	31.2	31.3	31.3	31.7	31.9	31.9	32.0	32.2	32.5	33.2
7	31.4	31.5	31.5	31.9	32.2	32.2	32.3	32.4	32.7	33.4
9	31.4	31.5	31.5	31.9	32.2	32.2	32.3	32.4	32.7	33.4
4	32.9	33.0	33.0	33.4	33.7	33.7	33.8	33.9	34.2	34.9
2	34.7	34.8	34.8	35.3	35.5	35.5	35.6	35.7	36.0	36.8
3	38.0	38.1	38.1	38.5	38.7	38.7	38.8	38.9	39.2	40.0
2	38.9	39.0	39.0	39.5	39.7	39.7	39.8	39.9	40.2	41.0
4	43.1	43.3	43.4	43.9	44.1	44.1	44.2	44.3	44.6	45.4
4	45.2	45.4	45.5	45.9	46.1	46.1	46.2	46.3	46.7	47.4
7	45.9	46.1	46.2	46.7	46.9	46.9	47.0	47.1	47.4	48.2
9	50.3	50.5	50.6	51.1	51.3	51.3	51.4	51.5	51.8	52.6
1	55.1	55.3	55.4	55.8	56.0	56.0	56.2	56.3	56.3	57.5
1	63.0	63.2	63.3	63.8	64.0	64.0	64.2	64.3	64.7	65.5
1	69.7	69.9	70.0	70.6	70.9	70.9	71.1	71.2	71.6	72.4
	76.7	76.9	77.0	77.6	77.8	77.8	78.1	78.2	78.6	79.4
	80.2	80.4	80.5	81.2	81.4	81.4	81.6	81.7	82.2	82.9
	84.0	84.2	84.3	84.9	85.2	85.2	85.4	85.5	85.9	86.7
	84.4	84.6	84.7	85.4	85.6	85.6	85.8	85.9	86.3	87.1
	85.3	86.0	86.1	86.8	87.0	87.0	87.2	87.3	87.7	88.5
	86.1	86.3	86.5	87.1	87.3	87.3	87.5	87.6	88.1	88.8
	86.7	86.9	87.0	87.6	87.8	87.8	88.1	88.2	88.6	89.4
	86.8	87.0	87.1	87.7	88.0	88.0	88.2	88.3	88.7	89.5
	87.3	87.6	87.7	88.4	88.6	88.6	88.8	88.9	89.4	90.1
	87.7	88.1	88.2	88.8	89.0	89.0	89.2	89.4	89.8	90.5
	88.4	88.7	88.8	89.5	89.7	89.7	89.9	90.0	90.4	91.2
	88.8	89.6	89.7	90.5	90.9	90.9	91.1	91.2	91.6	92.4
	89.1	90.1	90.2	91.2	91.6	91.6	91.9	92.2	92.9	93.7
	89.5	90.4	90.5	91.5	92.2	92.2	92.7	92.9	94.1	95.6
	89.6	90.5	90.6	91.7	92.8	92.8	93.9	94.3	95.8	98.6
	89.6	90.5	90.6	91.7	92.9	92.9	94.1	94.5	96.2	99.6
	89.6	90.5	90.6	91.7	92.9	92.9	94.1	94.5	96.2	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/
NO CEIL	19.2	20.2	21.5	23.1	25.3	25.3	25.8	26.1	26.2
GE 20000	20.6	21.6	23.2	25.3	27.5	27.5	28.1	28.4	28.5
GE 18000	20.6	21.6	23.2	25.3	27.5	27.5	28.1	28.4	28.5
GE 16000	20.6	21.6	23.2	25.3	27.5	27.5	28.1	28.4	28.5
GE 14000	22.0	23.2	24.8	26.9	29.1	29.1	29.7	30.0	30.1
GE 12000	23.1	24.3	25.9	28.0	30.2	30.2	30.8	31.1	31.2
GE 10000	24.8	26.0	28.0	30.2	32.9	32.9	33.4	33.8	33.9
GE 9000	25.4	26.6	28.5	30.3	33.4	33.4	34.0	34.3	34.4
GE 8000	29.4	30.8	32.8	35.1	37.8	37.8	38.5	38.8	38.9
GE 7000	30.8	32.3	34.3	36.6	39.8	39.8	40.4	40.8	40.9
GE 6000	32.4	33.9	36.1	38.4	41.8	41.8	42.5	42.8	42.9
GE 5000	36.6	38.1	40.3	43.4	47.2	47.3	48.1	48.4	48.5
GE 4500	40.1	41.7	44.0	47.5	51.5	51.6	52.4	52.7	52.8
GE 4000	45.6	47.4	50.0	53.8	58.0	58.1	58.8	59.1	59.2
GE 3500	51.0	53.0	55.8	59.6	64.1	64.2	64.9	65.3	65.4
GE 3000	55.5	57.8	60.9	65.2	70.2	70.4	71.2	71.5	71.6
GE 2500	57.7	60.2	63.5	67.8	72.9	73.2	74.1	74.4	74.6
GE 2000	59.0	61.8	65.6	70.0	75.1	75.4	76.6	77.3	77.5
GE 1800	59.1	61.9	65.9	70.3	75.4	75.7	76.9	77.6	77.8
GE 1500	61.2	64.1	68.2	72.8	78.0	78.3	79.6	80.3	80.5
GE 1200	61.2	64.1	68.6	73.2	78.4	78.7	80.0	80.8	81.
GE 1000	61.5	64.4	68.9	73.5	78.7	79.0	80.3	81.1	81.
GE 900	61.5	64.5	69.0	73.7	78.8	79.1	80.4	81.2	81.
GE 800	61.5	64.7	69.4	74.2	79.7	80.0	81.3	82.0	82.
GE 700	61.6	64.9	69.6	74.4	79.9	80.2	81.3	82.6	82.
GE 600	61.8	65.2	69.3	74.7	80.5	80.9	82.6	83.3	83.
GE 500	61.8	65.2	69.8	74.7	80.5	80.9	82.7	84.0	84.
GE 400	61.8	65.2	69.8	74.7	80.5	80.9	83.1	84.4	84.
GE 300	61.9	65.3	70.1	75.1	81.0	81.3	83.5	85.1	85.
GE 200	62.0	65.4	70.2	75.2	81.1	81.4	84.0	85.4	85.
GE 100	62.0	65.4	70.2	75.2	81.1	81.4	84.0	85.4	85.
GE 000	62.0	65.4	70.2	75.2	81.1	81.4	84.0	85.4	85.

TOTAL NUMBER OF OBSERVATIONS 930

REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: DEC HOURS: 21-23

ITY IN STATUTE MILES

GE 2	GE 1 1/2	GT 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
25.8	26.1	26.2	26.7	27.3	27.4	27.4	27.7	28.4	29.1
28.1	28.4	28.5	29.2	29.9	30.0	30.0	30.3	31.0	31.8
28.1	28.4	28.5	29.4	30.0	30.1	30.1	30.4	31.1	31.9
28.1	28.4	28.5	29.4	30.0	30.1	30.1	30.4	31.1	31.9
29.7	30.0	30.1	31.0	31.6	31.7	31.7	32.0	32.7	33.5
30.8	31.1	31.2	32.0	32.7	32.8	32.8	33.1	33.8	34.6
33.4	33.8	33.9	34.7	35.4	35.5	35.5	35.8	36.5	37.3
34.0	34.3	34.4	35.3	35.9	36.0	36.0	36.3	37.0	37.8
38.5	38.8	38.9	39.8	40.5	40.6	40.6	41.0	41.7	42.7
40.4	40.8	40.9	41.7	42.5	42.6	42.6	42.9	43.7	44.6
42.5	42.8	42.9	43.8	44.5	44.6	44.6	44.9	45.7	46.7
48.1	48.4	48.5	49.5	50.3	50.4	50.4	50.8	51.5	52.6
52.4	52.7	52.8	53.8	54.8	54.9	54.9	55.3	56.0	57.1
58.8	59.1	59.2	60.2	61.4	61.5	61.6	61.9	62.7	63.8
64.9	65.3	65.4	66.3	67.5	67.6	67.7	68.1	68.8	69.9
71.2	71.5	71.6	72.8	74.0	74.1	74.3	74.6	75.4	76.5
74.1	74.4	74.6	75.8	77.0	77.1	77.3	77.6	78.4	79.5
76.6	77.3	77.5	78.9	80.1	80.2	80.4	80.8	81.5	82.6
76.9	77.6	77.8	79.2	80.4	80.5	80.8	81.1	81.8	82.9
79.6	80.3	80.5	81.9	83.1	83.2	83.4	83.8	84.5	85.6
80.0	80.8	81.0	82.4	83.5	83.7	83.9	84.2	84.9	86.0
80.8	81.1	81.3	82.7	84.0	84.1	84.3	84.6	85.4	86.5
80.9	81.2	81.4	82.8	84.1	84.2	84.4	84.7	85.5	86.6
81.3	82.0	82.3	83.7	84.9	85.1	85.3	85.6	86.3	87.4
81.3	82.6	82.8	84.2	85.5	85.6	85.8	86.1	86.9	88.0
82.6	83.3	83.5	85.1	86.3	86.5	86.7	87.1	87.8	88.9
82.7	84.0	84.2	85.7	87.0	87.1	87.4	87.8	88.6	89.7
83.1	84.4	84.6	86.2	87.5	87.6	88.2	88.7	89.6	91.1
83.8	85.1	85.3	87.3	88.7	88.8	89.7	90.5	91.5	94.5
84.0	85.4	85.7	88.0	89.8	89.9	90.9	92.0	93.8	97.5
84.0	85.4	85.7	88.0	90.0	90.1	91.2	92.4	94.3	99.4
84.0	85.4	85.7	88.0	90.0	90.1	91.2	92.4	94.3	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSE

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MILE GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1
NO CEIL	18.2	19.3	20.3	21.4	23.2	23.4	23.8	24.1	24.
GE 20000	20.3	21.5	22.7	23.9	25.9	26.0	26.4	26.8	26.
GE 18000	20.5	21.7	22.9	24.1	26.1	26.2	26.6	26.9	27.
GE 16000	20.5	21.7	22.9	24.2	26.1	26.3	26.7	27.0	27
GE 14000	22.1	23.4	24.6	25.8	27.8	27.9	28.3	28.7	28.
GE 12000	23.6	24.9	26.1	27.4	29.4	29.5	30.0	30.3	30.
GE 10000	26.0	27.5	28.9	30.3	32.4	32.6	33.0	33.4	33.
GE 9000	26.4	27.9	29.4	30.8	32.9	33.1	33.5	33.9	33
GE 8000	30.2	31.8	33.4	34.8	37.0	37.2	37.7	38.1	38.
GE 7000	31.7	33.4	34.9	36.4	38.8	39.0	39.5	39.9	40.
GE 6000	32.6	34.4	36.1	37.6	40.0	40.2	40.8	41.2	41.
GE 5000	36.9	38.9	40.8	42.6	45.3	45.5	46.1	46.6	46
GE 4500	40.6	42.9	45.0	47.1	49.9	50.2	50.8	51.3	51
GE 4000	46.3	48.8	51.4	53.6	56.7	57.0	57.8	58.3	58.
GE 3500	51.7	54.6	57.4	59.8	63.1	63.5	64.3	64.8	64.
GE 3000	56.9	60.0	63.2	66.0	69.9	70.3	71.4	71.9	72.
GE 2500	59.7	62.9	66.4	69.4	73.5	74.0	75.2	75.8	75.
GE 2000	61.7	65.0	68.8	72.1	76.5	77.0	78.3	79.1	79.
GE 1800	62.0	65.4	69.3	72.6	77.0	77.6	78.9	79.6	79.
GE 1500	63.5	67.0	71.1	74.6	79.1	79.7	81.1	82.0	82.
GE 1200	63.9	67.5	71.7	75.2	79.9	80.4	81.8	82.7	82.
GE 1000	64.4	68.0	72.4	75.9	80.7	81.3	82.9	83.9	84
GE 900	64.5	68.2	72.6	76.1	80.9	81.6	83.2	84.2	84.
GE 800	64.7	68.4	72.8	76.5	81.4	82.1	83.7	84.7	84.
GE 700	64.7	68.5	73.0	76.6	81.6	82.3	84.0	85.0	85.
GE 600	64.9	68.7	73.3	77.0	82.0	82.7	84.5	85.5	85.
GE 500	64.9	68.8	73.4	77.2	82.5	83.2	85.3	86.6	86.
GE 400	64.9	68.8	73.5	77.4	82.7	83.5	85.8	87.3	87.
GE 300	65.0	68.9	73.6	77.5	83.0	83.8	86.2	87.8	88.
GE 200	65.0	68.9	73.6	77.6	83.1	83.9	86.4	88.1	88.
GE 100	65.0	68.9	73.7	77.6	83.1	84.0	86.5	88.2	88.
GE 000	65.0	68.9	73.7	77.6	83.1	84.0	86.5	88.2	88.

TOTAL NUMBER OF OBSERVATIONS 7440

EQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC HOURS: ALL

ILITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
23.8	24.1	24.1	24.4	24.7	24.7	25.0	25.2	25.5	26.2
26.4	26.8	26.8	27.1	27.4	27.4	27.8	27.9	28.2	29.0
26.6	26.9	27.0	27.3	27.6	27.6	28.0	28.1	28.4	29.2
26.7	27.0	27.0	27.4	27.7	27.7	28.0	28.2	28.5	29.3
28.3	28.7	28.7	29.1	29.3	29.4	29.7	29.9	30.1	30.9
30.0	30.3	30.3	30.7	31.0	31.0	31.4	31.5	31.8	32.6
33.0	33.4	33.4	33.8	34.1	34.1	34.4	34.6	34.9	35.7
33.5	33.9	33.9	34.3	34.6	34.6	34.9	35.1	35.4	36.2
37.7	38.1	38.1	38.6	38.9	38.9	39.2	39.4	39.7	40.5
39.5	39.9	40.0	40.4	40.7	40.8	41.1	41.3	41.6	42.4
40.8	41.2	41.3	41.7	42.0	42.0	42.3	42.5	42.8	43.7
46.1	46.6	46.6	47.1	47.4	47.4	47.7	47.9	48.2	49.1
51.3	51.3	51.4	51.8	52.2	52.2	52.6	52.7	53.1	53.9
57.8	58.3	58.3	58.8	59.2	59.2	59.6	59.7	60.1	61.0
64.3	64.8	64.8	65.3	65.7	65.8	66.1	66.3	66.6	67.6
71.4	71.9	72.0	72.6	73.0	73.0	73.4	73.6	74.0	74.9
75.2	75.8	75.9	76.6	77.0	77.0	77.4	77.6	78.0	78.9
78.3	79.1	79.2	79.9	80.3	80.3	80.8	81.0	81.3	82.3
78.9	79.6	79.7	80.5	80.9	80.9	81.3	81.5	81.9	82.8
81.1	82.0	82.1	82.8	83.2	83.3	83.7	83.9	84.2	85.2
81.8	82.7	82.8	83.6	84.0	84.0	84.5	84.7	85.0	86.0
82.9	83.9	84.0	84.8	85.3	85.3	85.8	86.0	86.4	87.4
83.2	84.2	84.3	85.2	85.7	85.7	86.1	86.3	86.7	87.7
83.7	84.7	84.8	85.7	86.2	86.2	86.7	86.9	87.3	88.2
84.0	85.0	85.1	86.0	86.5	86.5	87.0	87.2	87.6	88.6
84.5	85.5	85.6	86.6	87.1	87.1	87.6	87.8	88.2	89.2
85.3	86.6	86.8	87.9	88.6	88.6	89.1	89.4	89.8	90.8
85.8	87.3	87.6	88.8	89.6	89.7	90.2	90.5	91.0	92.2
86.2	87.8	88.1	89.7	90.6	90.7	91.4	91.8	92.5	94.8
86.4	88.1	88.5	90.3	91.5	91.5	92.5	93.1	94.3	97.7
86.5	88.2	88.5	90.3	91.6	91.7	92.8	93.5	94.9	99.3
86.5	88.2	88.5	90.3	91.6	91.7	92.8	93.5	94.9	100.0

OPERATING LOCATION MAP — PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CEILING IN FEET	VISIBILITY IN STATUTE MI GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	1
NO CEIL	33.1	33.8	34.6	35.2	35.9	36.0	36.2	36.4	3
GE 20000	36.9	37.7	38.6	39.3	40.0	40.1	40.4	40.6	4
GE 18000	37.2	38.1	39.0	39.6	40.4	40.5	40.7	40.9	4
GE 16000	37.3	38.2	39.1	39.7	40.5	40.6	40.9	41.1	4
GE 14000	38.7	39.5	40.5	41.1	41.9	42.0	42.3	42.5	4
GE 12000	40.1	41.0	41.9	42.6	43.4	43.5	43.8	44.0	4
GE 10000	43.2	44.1	45.2	45.9	46.7	46.8	47.2	47.4	4
GE 9000	43.5	44.5	45.5	46.3	47.1	47.2	47.6	47.8	4
GE 8000	47.1	48.2	49.3	50.0	50.9	51.1	51.4	51.6	5
GE 7000	48.8	49.8	51.0	51.8	52.7	52.9	53.2	53.4	5
GE 6000	50.0	51.1	52.3	53.1	54.0	54.2	54.5	54.7	5
GE 5000	54.1	55.3	56.6	57.5	58.5	58.7	59.1	59.3	5
GE 4500	57.5	58.9	60.3	61.3	62.4	62.5	62.9	63.2	6
GE 4000	63.0	64.5	66.1	67.2	68.4	68.6	69.0	69.3	6
GE 3500	69.1	69.7	71.5	72.7	74.0	74.2	74.7	74.9	7
GE 3000	73.6	75.4	77.4	78.8	80.3	80.5	81.1	81.4	8
GE 2500	76.5	78.4	80.5	82.1	83.7	84.0	84.6	84.9	8
GE 2000	78.1	80.9	83.3	84.8	86.6	86.9	87.5	87.9	8
GE 1800	79.3	81.4	83.3	85.4	87.2	87.5	88.1	88.5	8
GE 1500	80.7	82.9	85.5	87.2	89.1	89.3	90.1	90.5	9
GE 1200	81.4	83.6	86.2	88.0	89.9	90.2	91.0	91.4	9
GE 1000	81.9	84.2	86.9	88.7	90.8	91.1	91.9	92.3	9
GE 900	82.0	84.3	87.0	88.9	91.0	91.3	92.1	92.6	9
GE 800	82.1	84.4	87.2	89.1	91.2	91.6	92.4	92.9	9
GE 700	82.2	84.6	87.4	89.3	91.5	91.8	92.8	93.3	9
GE 600	82.3	84.7	87.6	89.5	91.8	92.1	93.1	93.7	9
GE 500	82.4	84.8	87.7	89.8	92.1	92.5	93.6	94.2	9
GE 400	82.4	84.8	87.8	89.9	92.3	92.7	93.8	94.6	9
GE 300	82.5	84.9	87.8	89.9	92.4	92.8	94.0	94.8	9
GE 200	82.5	84.9	87.9	90.0	92.5	92.9	94.1	95.0	9
GE 100	82.5	84.9	87.9	90.0	92.5	92.9	94.2	95.0	9
GE 000	82.5	84.9	87.9	90.0	92.5	92.9	94.2	95.0	9

TOTAL NUMBER OF OBSERVATIONS: 87664

FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

3 WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

LITY IN STATUTE MILES

GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
36.2	36.4	36.4	36.6	36.8	36.8	36.9	37.0	37.1	37.3
40.4	40.6	40.6	40.8	40.9	41.0	41.1	41.2	41.3	41.5
40.7	40.9	41.0	41.2	41.3	41.3	41.4	41.5	41.6	41.9
40.9	41.1	41.1	41.3	41.4	41.5	41.6	41.7	41.8	42.0
42.3	42.5	42.5	42.7	42.8	42.9	43.0	43.1	43.2	43.4
43.8	44.0	44.0	44.3	44.4	44.4	44.6	44.6	44.7	45.0
47.2	47.4	47.4	47.6	47.8	47.8	47.9	48.0	48.1	48.4
47.5	47.8	47.8	48.0	48.2	48.2	48.3	48.4	48.5	48.8
51.4	51.6	51.7	51.9	52.1	52.1	52.2	52.3	52.4	52.7
53.2	53.4	53.5	53.7	53.9	53.9	54.0	54.1	54.2	54.5
54.5	54.7	54.8	55.0	55.2	55.2	55.3	55.4	55.5	55.8
59.1	59.3	59.3	59.6	59.8	59.8	59.9	60.0	60.1	60.4
62.9	63.2	63.2	63.5	63.6	63.7	63.8	63.9	64.0	64.3
69.0	69.3	69.3	69.6	69.8	69.8	70.0	70.0	70.2	70.4
74.7	74.9	75.0	75.3	75.5	75.5	75.7	75.7	75.9	76.1
81.1	81.4	81.4	81.8	82.0	82.0	82.2	82.2	82.4	82.6
84.6	84.9	85.0	85.3	85.5	85.5	85.7	85.8	85.9	86.2
87.5	87.9	87.9	88.3	88.5	88.5	88.7	88.8	88.9	89.2
88.1	88.5	88.6	88.9	89.1	89.1	89.3	89.4	89.5	89.8
90.1	90.5	90.5	90.9	91.1	91.1	91.3	91.4	91.5	91.8
91.0	91.4	91.4	91.8	92.0	92.1	92.3	92.3	92.5	92.8
91.9	92.3	92.4	92.8	93.1	93.1	93.3	93.4	93.5	93.8
92.1	92.6	92.7	93.1	93.4	93.4	93.6	93.7	93.8	94.1
92.4	92.9	93.0	93.5	93.7	93.7	93.9	94.0	94.1	94.4
92.8	93.3	93.4	93.8	94.1	94.1	94.3	94.4	94.5	94.8
93.1	93.7	93.8	94.3	94.5	94.5	94.7	94.9	95.0	95.3
93.6	94.2	94.3	94.9	95.2	95.2	95.4	95.5	95.7	96.0
93.8	94.6	94.7	95.4	95.7	95.7	96.0	96.1	96.3	96.6
94.0	94.8	95.0	95.8	96.2	96.2	96.6	96.7	96.9	97.4
94.1	95.0	95.2	96.1	96.6	96.7	97.1	97.4	97.7	98.6
94.2	95.0	95.2	96.1	96.7	96.8	97.3	97.6	98.1	99.6
94.2	95.0	95.2	96.1	96.7	96.8	97.3	97.6	98.1	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIC

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION
00-02	8.3	13.8	19.1	48.5	10.3
03-05	10.3	11.1	18.4	49.0	11.2
06-08	6.1	13.8	20.5	49.0	10.5
09-11	2.4	10.4	32.3	45.8	8.6
12-14	2.6	9.9	34.5	49.8	3.2
15-17	2.5	12.9	32.7	49.9	2.0
18-20	6.7	16.7	23.8	43.3	4.6
21-23	9.1	17.3	16.5	51.0	6.1
ALL HOURS	5.0	13.0	24.0	48.0	7.0

00-02	10.0	15.2	20.3	51.2	3.3
03-05	6.6	15.2	20.5	50.8	6.9
06-08	2.8	15.8	23.6	51.0	6.8
09-11	1.8	10.4	34.4	48.2	5.3
12-14	.2	11.5	38.9	48.5	.8
15-17	.3	15.7	37.7	45.3	.4
18-20	4.5	20.6	25.8	47.5	1.6
21-23	9.7	17.8	21.2	49.0	2.4
ALL HOURS	4.6	15.3	27.8	48.9	3.4

A

UENCY OF OCCURRENCE OF SKY COVER
HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN HOURS:ALL

CLASSES T	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	10.3	78.0	11.6	930
1	11.2	78.6	9.9	930
2	10.5	80.1	9.1	930
3	8.6	87.2	7.1	930
4	3.2	87.5	5.1	930
5	2.0	84.6	3.3	930
6	4.5	76.7	5.5	930
7	6.1	73.5	10.5	930
8	7.0	80.0	7.0	7440

MONTH: FEB HOURS: ALL

2	3.3	74.8	7.5	849
3	6.9	78.2	5.9	849
0	6.8	81.4	5.9	849
2	5.3	87.9	5.1	849
5	.8	88.2	3.3	849
3	.4	93.4	1.5	849
5	1.6	74.9	1.4	849
0	2.4	72.6	4.1	849
9	3.4	80.2	4.4	6792

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IS UTC: + 8

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	G
00-02	16.5	20.5	21.6	41.0	.4	63.
03-05	14.1	19.1	19.0	45.6	2.2	56.
06-08	2.9	20.5	31.8	43.9	3.9	76.
09-11	2.0	18.3	37.0	40.5	1.6	79.
12-14	1.8	17.8	43.7	36.7		80.
15-17	1.2	21.0	41.5	36.3		77.
18-20	2.9	25.1	33.9	38.1	.1	72.
21-23	13.0	22.9	24.2	39.7	.2	64.
ALL HOURS	6.0	20.0	31.0	39.0	1.0	72

00-02	17.7	24.3	23.8	33.9	.3	58
03-05	12.8	21.8	29.6	35.4	.4	65
06-08	3.1	21.1	37.7	36.7	1.4	75
09-11	2.2	17.6	39.3	40.8	.1	80
12-14	1.0	18.1	42.1	38.8		80
15-17	.7	21.8	40.6	37.0		77
18-20	1.7	27.1	35.6	35.7		71
21-23	13.9	25.6	24.0	33.6		5
ALL HOURS	6.6	22.3	34.1	36.7	.3	7

A

QUENCY OF OCCURRENCE OF SKY COVER
M HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 86
MONTH: MAR HOURS:ALL

ST	CLASSES TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
0	.4	63.0	3.0	930
6	2.2	66.8	3.9	930
3	3.9	76.6	3.9	930
5	1.6	73.1	2.5	930
7		80.3		930
3		77.3		930
1	.1	72.0		930
7	.2	64.1	.3	930
3	1.0	72.0	1.0	7440

MONTH: APR HOURS: ALL

9	.3	58.0	.1	900
.4	.4	65.4	1.6	900
.7	1.4	75.8	1.8	900
.8	.1	80.2		900
.3		80.9		900
.0		77.5		900
.7		71.2		900
.5		59.5		900
.7	.3	71.1	.4	7200

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION
		AIRWAY CLASSES			
00-02	14.2	26.1	24.2	35.5	
03-05	6.1	23.7	29.0	40.9	.3
06-08	3.3	18.5	36.3	41.0	.9
09-11	3.4	16.3	42.2	38.1	
12-14	1.8	23.0	44.6	30.5	
15-17	1.5	28.3	42.7	27.5	
18-20	1.2	32.3	36.1	30.4	
21-23	3.6	33.8	27.6	29.0	
ALL HOURS	5.0	25.0	35.0	34.0	.0

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION
		AIRWAY CLASSES			
00-02	19.7	28.4	24.2	27.7	
03-05	5.2	29.7	30.2	34.9	
06-08	4.4	23.8	40.7	31.1	
09-11	4.1	22.9	44.1	28.9	
12-14	2.9	27.2	43.7	26.2	
15-17	1.6	34.3	42.6	21.6	
18-20	3.1	34.1	41.9	20.9	
21-23	11.3	36.2	33.2	19.2	
ALL HOURS	6.5	29.6	37.5	26.3	

QUENCY OF OCCURRENCE OF SKY COVER
M HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY HOURS:ALL

CLASSES ST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
5		59.7		930
9	.3	70.2	.2	930
0	.3	78.2	.5	930
1		80.2	.3	930
5		75.2		930
5		70.2		928
4		66.6		927
0		56.5		927
0	.0	69.0	.0	7432

MONTH: JUN HOURS: ALL

.7		51.9		900
.9		65.1		900
.1		71.3	.6	900
.9		73.0	.1	900
.2		69.9		900
.5		64.1		900
.9		62.8	.2	900
.2		52.4	.1	900
.3		63.9	.1	7200

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENC
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	
00-02	29.0	24.9	21.4	24.6		
03-05	13.5	28.3	26.5	31.0	.1	
06-08	7.3	25.5	30.8	34.4	.5	
09-11	9.5	29.4	29.2	31.9		
12-14	7.2	37.0	35.7	20.1		
15-17	4.7	43.7	34.4	17.2		
18-20	8.9	43.0	33.4	14.6		
21-23	21.1	37.0	25.4	16.6		
ALL HOURS	12.0	33.0	29.0	23.0	.0	

00-02	34.3	25.5	21.4	18.5		3
03-05	19.2	28.8	24.1	26.9	1.0	5
06-08	7.0	29.1	28.9	32.4	2.6	6
09-11	11.3	29.0	30.1	29.4	.2	5
12-14	8.1	40.6	32.8	18.5		5
15-17	4.3	46.7	35.2	13.3		4
18-20	7.8	50.0	29.2	12.9		4
21-23	29.5	35.2	20.4	15.9		3
ALL HOURS	15.2	35.6	27.8	21.0	.5	4

A

JENCY OF OCCURRENCE OF SKY COVER
HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL HOURS:ALL

CLASSES TOTAL OBSCURATION	ST 1/2	PARTIAL OBSCURATION	TOTAL OBS
	46.0		930
.1	57.5	.8	930
.5	65.7	2.3	930
	61.2	.2	930
	55.8		930
	51.5		930
	48.1		930
	41.9		930
.0	53.0	.0	7440

MONTH: AUG HOURS: ALL

	39.9	.8	930
1.0	51.9	1.9	930
2.6	63.9	2.6	930
.2	59.7	1.7	930
	51.3		930
	48.5		930
	42.2		930
	36.3		930
.5	49.2	.9	7440

B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2
		AIRWAY CLASSES				
00-02	25.6	23.7	21.4	27.1	1.2	49.8
03-05	17.9	22.0	26.2	31.7	2.2	60.1
06-08	4.6	27.0	31.0	32.4	5.0	68.4
09-11	7.0	22.4	41.2	28.4	.9	70.5
12-14	7.8	28.8	40.6	22.9		63.4
15-17	7.1	34.7	37.2	21.0		58.2
18-20	15.2	39.7	31.0	19.1		50.1
21-23	27.9	28.0	20.6	22.9	.7	44.1
ALL HOURS	13.0	28.0	31.0	25.0	1.0	58.0

HOURS (LST)	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2
		AIRWAY CLASSES				
00-02	22.7	22.0	20.8	29.7	4.8	55.3
03-05	12.5	19.9	22.0	33.3	12.3	67.6
06-08	2.3	19.5	32.0	28.8	16.8	77.6
09-11	3.5	17.0	38.3	32.9	8.3	79.5
12-14	5.3	23.4	42.0	28.2	1.1	71.3
15-17	6.7	26.8	39.8	26.5	.3	66.6
18-20	14.4	31.0	25.2	28.7	.8	54.6
21-23	24.7	25.5	19.4	28.4	2.0	49.8
ALL HOURS	11.6	23.1	29.9	29.6	5.8	65.3

ICY OF OCCURRENCE OF SKY COVER
URLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP HOURS:ALL

SSES TOTAL OBSCURATION	SCT	PARTIAL OBSCURATION	TOTAL OBS
1.2	49.8	2.9	900
2.2	50.1	4.8	900
5.0	53.4	6.0	900
.9	70.5	3.4	900
	55.4	.8	900
	58.2		900
	50.1	.6	900
.7	44.1	.4	900
1.0	58.0	2.0	7200

MONTH: OCT HOURS: ALL

4.8	53.3	10.4	930
12.3	67.5	10.4	930
16.8	77.6	5.8	930
8.3	79.5	7.2	930
1.1	71.3	3.7	930
.3	56.6	1.1	930
.8	54.6	2.2	930
2.0	49.8	6.2	930
5.8	65.3	6.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LSI TO UTC: + 8

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	CT 1/2
00-02	11.0	15.0	21.2	46.9	5.9	74.0
03-05	9.3	16.2	17.0	51.4	7.0	75.4
06-08	3.9	14.7	27.0	47.5	6.7	81.4
09-11	2.8	13.0	36.3	42.2	5.7	84.2
12-14	2.7	13.1	35.9	46.8	1.6	84.2
15-17	3.6	16.0	34.1	45.7	.7	80.4
18-20	9.0	17.2	22.7	48.8	2.3	73.5
21-23	11.2	16.6	21.1	46.4	4.7	72.2
ALL HOURS	5.0	15.0	26.0	47.0	4.0	78.0

00-02	10.8	14.2	18.3	48.1	8.7	75.1
03-05	9.1	13.3	18.6	50.3	8.6	77.5
06-08	4.9	13.7	26.6	45.3	9.6	81.4
09-11	1.5	13.9	35.8	41.9	6.8	84.5
12-14	2.3	15.3	32.7	45.	4.1	82.5
15-17	1.3	20.0	29.5	47.0	2.3	78.7
18-20	8.4	18.3	23.4	44.2	5.7	73.3
21-23	10.3	15.8	17.5	48.6	7.7	73.9
ALL HOURS	5.1	15.6	25.3	46.4	6.7	78.4

A

Y OF OCCURRENCE OF SKY COVER
KLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: NOV HOURS:ALL

SES TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
5.9	74.0	12.1	900
7.0	75.4	11.3	900
6.7	81.4	8.4	900
5.7	84.2	5.6	900
1.6	84.2	3.1	900
.7	80.4	1.8	900
2.3	73.8	3.3	900
4.7	72.2	6.2	900
4.0	78.0	6.0	7200

MONTH: DEC HOURS: ALL

8.7	75.1	8.2	930
8.6	77.5	7.3	930
9.6	81.4	5.9	930
6.8	84.5	6.0	930
4.1	82.5	3.3	930
2.3	78.7	3.2	930
5.7	73.3	4.5	930
7.7	73.9	7.3	930
6.7	78.4	5.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE O
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	C CE
00-02	13.5	21.2	21.5	36.0	2.9	60.
03-05	11.4	20.8	23.4	40.0	4.4	67.
06-08	4.5	20.3	30.6	39.2	5.4	75.
09-11	4.3	18.5	36.7	37.4	3.1	77.
12-14	3.7	22.2	38.9	34.3	.9	74.
15-17	3.1	26.9	37.3	32.3	.5	70.
18-20	6.6	29.6	30.2	32.3	1.3	63.
21-23	15.7	26.1	22.6	33.4	2.0	58.
ALL HOURS	8.5	23.2	30.1	35.6	2.6	68.

A

Y OF OCCURRENCE OF SKY COVER
RLY OBSERVATIONS

SHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL HOURS: ALL

SES TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
2.9	60.4	4.7	10959
4.4	67.8	4.8	10959
5.4	75.2	4.4	10959
3.1	77.2	3.3	10959
.9	74.1	1.6	10959
.5	70.2	1.0	10957
1.3	63.8	1.5	10956
3.0	58.0	3.0	10956
2.6	68.3	3.0	87664

PPPPPPPP AAAAAA RRRRRRRR TTTTTTTTTT EEEEEEEEEE
PPPPPPPPP AAAAAAAA RRRRRRRRR TTTTTTTTTT EEEEEEEEEE
PP PP AA AA RR RR TT EE
PP PP AA AA RR RR TT EE
PPPPPPPPP AA AA RRRRRRRRR TT EEEEEE
PPPPPPPP AAAAAAAAAA RRRRRRRR TT EEEEEE
PP AAAAAAAAAA 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 AND RELATIVE HUMIDITY SU

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUEN
THESE TABLES ARE CREATED FROM SUMMARY OF DAY DA
DAY FOR MAXIMUM, MINIMUM, AND MEAN TEMPERATURES
SUMMARIZED BY MONTH FOR ALL YEARS COMBINED. TO
YEAR. DATA IS DISPLAYED USING 5-DEGREE FAHRENH
GE 10, ETC).. THERE IS ONE SPECIAL THRESHOLD F
STANDARD DEVIATIONS, AND TOTAL OBSERVATION COU

NOTE 1. BEGINNING IN JANUARY 1946, DAILY MAXIMUM
CAME ROUTINELY FROM HOURLY OBSERVATIONS ON AWS
DATA COLLECTION FROM ALL USAF-OPERATED STATIONS
PAGE FOR DETAILED INFORMATION ON REPORTING PRAC

ONTHLY TEMPERATURES.
ALSO FROM SUMMARY OF DAY DATA. THE TABLES GIVE
ERATURES BY MONTH AND BY YEAR. MONTHLY RECORD
ALONG WITH TOTAL OBSERVATIONS. AN ASTERISK (*)
WHICH LESS THAN 90% OF THE DATA ARE AVAILABLE.
WITH ONE OR MORE MISSING AND/OR INCOMPLETE MON

MEAN MONTHLY TEMPERATURE.
ALSO FROM SUMMARY OF DAY DATA, GIVES MONTHLY M
FOR ALL MONTHS, AND FOR ALL YEARS. AN ASTERIS
MONTH FOR WHICH LESS THAN 90% OF THE DATA ARE
A YEAR(S) WITH ONE OR MORE MISSING AND/OR INCO

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATI

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR

- BY MONTH (ALL YEARS AND ALL HOURS COMBINED

- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVAT
THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR
APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACC
"ENGINEERING WEATHER DATA." AND AWSP 105-56, "

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPE
MUST BE USED WITH CAUTION. WHEN THE DRY BULB
E. WET BULB TEMPERATURES ARE NOT REPORTED (FMH
DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN W
ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN S
MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHO
BULB TEMPERATURES.

PART E

LATIVE HUMIDITY SUMMARIES

OCCURRENCE FREQUENCY (POF).
SUMMARY OF DAY DATA AND GIVE CUMULATIVE
MEAN TEMPERATURES, RESPECTIVELY. DATA IS
EARS COMBINED. TOTALS ARE GIVEN FOR THE WHOLE
G 5-DEGREE FAHRENHEIT INCREMENTS (GE 0, GE 5,
PECIAL THRESHOLD FOR "GE 33" DEGREES. MEANS,
L OBSERVATION COUNTS ARE GIVEN.

46, DAILY MAXIMUM AND MINIMUM TEMPERATURES
BSERVATIONS ON AWS FORMS 10/10A OR FROM AUTOMATED
-OPERATED STATIONS. REFER TO THE "STATION HISTORY"
ON REPORTING PRACTICES.

A, THE TABLES GIVE MONTHLY MAXIMUM AND MINIMUM TEMP-
. MONTHLY RECORD TEMPERATURES (MAX AND MIN) ARE GIVEN,
S. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR
ATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES A YEAR(S)
/OR INCOMPLETE MONTHS.

A, GIVES MONTHLY MEAN TEMPERATURE BY MONTH,
YEARS. AN ASTERISK (*) INDICATES A VALUE FOR A
OF THE DATA ARE AVAILABLE. AN ASTERISK ALSO DENOTES
ISSING AND/OR INCOMPLETE MONTHS.

NT TEMPERATURES.
HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).

ALL HOURS COMBINED).

LL HOURS COMBINED).

AND TOTAL OBSERVATION COUNTS ARE GIVEN.
H TEMPERATURES FOR VARIOUS THRESHOLDS ALSO
SUMMARY AND IN ACCORDANCE WITH AFM 88-29,
AND AdSP 105-55, "METEOROLOGICAL TECHNIQUES."

H POINT MEAN TEMPERATURES FOR VERY COLD STATIONS
HEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES
NOT REPORTED (FMH-18). AS A RESULT, WINTER MEAN
TLY, WINTER MEAN WET BULB TEMPERATURES) ARE
THE TABLES. IN SOME HOUR GROUPS, IN FACT,
AY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY

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 PROVI 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).

A B

OPERATING LOCATION 'A' — CUMULATIVE PERCENTAGE FREQUENCY OF OCCUR
USAFETAC, ASHEVILLE NC — FROM SUMM

STATION NUMBER: 74260 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL
GE	100							.1
GE	95						.3	1.0
GE	90					.3	.9	4.0
GE	85					1.9	4.2	11.0
GE	80				.4	5.2	11.4	27.0
GE	75				2.4	11.6	23.1	47.3
GE	70		.1	.9	6.4	22.9	40.5	73.1
GE	65		1.1	3.3	16.2	41.8	68.3	92.9
GE	60	.7	4.5	11.5	32.1	67.2	92.0	99.6
GE	55	5.5	17.4	32.9	61.7	90.5	99.3	100.0
GE	50	24.2	47.6	64.8	90.1	99.2	100.0	
GE	45	50.5	80.1	92.4	99.3	100.0		
GE	40	75.9	94.2	98.7	100.0			
GE	35	92.1	99.2	99.9				
GE	33	94.4	99.7	99.9				
GE	30	96.9	99.8	100.0				
GE	25	99.5	99.9					
GE	20	99.9	100.0					
GE	15	100.0						
GE	10							

MEAN	44.3	49.1	52.2	57.4	64.0	69.0	74.8
SD	7.08	5.04	5.15	7.01	8.14	7.80	7.64
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

A

JE FREQUENCY OF OCCURRENCE OF MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

FB WASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.1						.0
	.3	1.0	.6	.1				.2
3	.9	4.0	2.9	.8				.7
[illegible]	4.2	11.0	9.7	3.3	.1			2.5
[illegible]	11.4	27.0	24.1	9.1	.5			6.5
5	23.1	47.3	45.7	23.0	2.3			13.0
9	43.5	73.1	73.5	43.8	8.5	.3		22.5
8	66.3	92.9	93.3	70.8	22.7	1.3	.1	34.4
2	92.0	99.6	99.2	93.5	51.2	6.0	1.1	46.6
5	99.3	100.0	100.0	99.7	80.2	24.4	8.3	60.1
2	100.0			100.0	96.2	58.2	29.3	75.8
0					99.5	84.3	56.4	88.5
					100.0	95.3	83.5	95.6
						98.8	95.7	98.8
						99.2	97.2	99.2
						99.4	98.5	99.5
						99.8	99.5	99.9
						100.0	99.9	100.0
							99.9	100.0
							100.0	100.0

.0	69.0	74.8	74.3	62.2	60.0	50.4	45.6	59.2
.4	7.80	7.64	7.25	7.28	6.55	6.40	6.60	12.66
38	1410	1457	1488	1440	1487	1440	1488	17470

OPERATING LOCATION 'A' — CUMULATIVE PERCENTAGE FREQUENCY OF OCCURR
USAFETAC, ASHEVILLE NC — FROM SUMMA

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST IN UTC: +08

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	
GE	65							.2	
GE	60					.1	.9	3.6	
GE	55				.2	2.3	11.1	32.3	
GE	50	.6	1.0	.7	1.8	16.5	52.5	78.9	
GE	45	5.3	6.7	5.6	13.6	50.8	87.7	97.9	
GE	40	21.3	24.5	26.2	45.3	84.1	98.3	99.9	
GE	35	42.1	52.2	57.7	90.6	97.1	100.0	100.0	1
GE	33	53.0	62.6	68.3	89.5	98.7			
GE	30	70.2	79.1	84.2	98.2	99.9			
GE	25	84.5	94.8	98.1	100.0	100.0			
GE	20	91.6	97.3	99.7					
GE	15	95.2	98.3	99.9					
GE	10	97.9	99.7	100.0					
GE	5	99.4	99.8						
GE	0	99.8	99.9						
GE	-5	99.9	100.0						
GE	-10	100.0							

MEAN	32.4	34.7	35	39.0	44.5	49.6	52.6
SD	8.85	6.80	5.86	4.97	5.06	4.29	4.01
TOTAL OBS	1438	1356	1488	1440	1488	1410	1457

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

WASHINGTON — PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.2	.3					.0
.9	3.6	3.6	1.2	.2			.8
11.1	32.3	36.5	12.1	2.5	.1	.1	8.1
52.6	78.9	75.2	44.2	13.3	2.7	1.2	24.1
87.7	97.9	95.8	74.7	39.2	16.0	7.5	41.6
99.3	99.9	99.9	93.3	68.4	41.3	27.2	51.1
100.0	100.0	100.0	98.9	87.8	64.2	51.3	77.7
			99.7	93.2	71.9	62.3	83.3
			100.0	98.4	84.0	76.1	90.8
				99.7	95.0	90.1	96.5
				100.0	99.0	95.5	98.7
					99.4	98.7	99.4
					99.7	99.3	99.7
					99.8	99.9	99.9
					100.0	100.0	100.0
							100.0
							100.0

49.5	52.5	52.5	48.2	42.5	37.1	34.3	41.9
4.29	4.01	4.43	5.62	6.37	7.47	7.69	9.38
1410	1457	1489	1440	1487	1440	1488	17470

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCU
FROM SUMMARY

STATION NUMBER: 727060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
GE 80							.4	
GE 75						.6	2.0	
GE 70					.8	3.3	11.2	
GE 65					3.3	14.1	33.6	3
GE 60				1.3	15.1	44.4	84.1	5
GE 55	.4	1.0	1.4	9.7	44.4	87.0	98.2	9
GE 50	5.0	8.2	12.2	36.5	82.7	99.2	100.0	10
GE 45	22.8	33.0	44.8	80.7	98.5	100.0		
GE 40	47.0	70.7	84.5	99.2	100.0			
GE 35	73.8	93.0	97.9	100.0				
GE 30	91.4	96.9	99.1					
GE 25	93.4	98.0	99.9					
GE 24	94.5	99.5	99.9					
GE 20	97.8	99.7	100.0					
GE 15	99.7	99.9						
GE 10	100.0	100.0						

MEAN	36.5	42.1	44.1	48.4	54.4	59.5	63.2
SD	7.56	5.53	4.67	4.47	5.29	4.79	4.58
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

GE FREQUENCY OF OCCURRENCE OF MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

ASHINGTON PERIOD OF RECORD: 4009-8605
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	.4	.2					.1
.6	2.0	1.5	.1				.3
3.3	11.9	8.9	1.2				2.2
14.1	39.6	37.0	12.1	.5			9.0
44.4	84.1	86.3	43.1	6.0	.2	.1	23.5
87.0	98.2	98.3	82.9	27.3	2.9	.5	38.2
99.3	100.0	100.0	97.5	65.2	18.9	7.1	52.8
100.0			99.7	90.1	48.7	27.5	70.5
			100.0	99.0	77.2	54.8	86.1
				99.9	93.4	81.2	94.9
				99.9	96.2	89.3	98.7
				100.0	98.3	94.3	99.3
					99.4	98.3	99.3
					99.6	99.1	99.7
					99.9	99.9	100.0
					100.0	100.0	100.0
53.5	53.9	53.6	58.8	51.4	43.9	40.1	50.7
4.79	4.58	4.25	4.71	5.23	6.30	6.73	10.34
1410	1457	1489	1440	1487	1440	1488	17470

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
60								
61	56	65	73	78	82	92	100	
62	59	54	70	75	78	97	99	
63	58	61	59	78	78	85	88	
64	53	54	64	76	88	86	96	
65	56	58	60	70	86	84	90	
66	58	60	65	75	86	84	92	
67	57	62	74	83	87	81	87	
68	52	59	68	65	82	89	90	
69	53	56	62	77	80	84	83	
70	61	60	59	77	81	86	89	
71	56	60	65	81	85	95	95	
72	59	65	62	73	83	90	90	
73	57	55	64	66	88	76	92	
74	55	61	64	70	77	78	83	
75	52	52	62	70	73	92	83	
76	58	48	69	75	87	78	93	
77	48	59	62	75	82	77	82	
78	58	65	61	76	88	91	98	
79	56	57	59	74	79	87	97	
80	61	56	67	70	79	85	92	
81	60	57	59	66	85	85	95	
82	59	68	69	80	67	85	90	
83	57	65	65	67	91	87	77	
84	54	58	72	64	83	80	83	
85	52	59	66	76	78	84	91	
86	55	66	70	74	79	82	84	
87	57	60	56	64	83	87	87	
88	60	71	70	78	77	88	92	
89	58	54	74	69	90	90	86	
90	58	65	63	66	81	95	94	

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON — PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		91	84	75	61	54	91*
92	100	90	74	71	67	62	100
97	99	98	83	76	59	57	99
85	88	87	92	82	63	55	92
86	96	93	93	74	62	59	96
84	92	89	83	79	59	60	92
84	92	88	84	67	61	57	92
81	87	87	87	69	58	59	87
89	90	79	83	74	54	48	90
84	88	92	87	73	72	57	92
85	89	91	88	71	68	62	91
95	95	88	90	80	62	50	95
90	90	93	93	79	65	59	93
75	92	86	88	80	64	53	92
78	88	82	77	70	54	56	88
93	93	88	88	68	62	55	93
78	93	89	96	68	61	57	96
77	82	83	86	70	60	61	86
91	98	90	86	74	63	60	98
87	87	83	78	66	60	58	97
85	92	88	81	69	61	61	93
85	95	92	85	79	59	55	95
85	90	82	84	76	63	61	90
87	77	85	90	80	60	60	91
80	88	85	76	71	57	54	85
84	91	87	76	75	64	62	91
82	84	88	83	75	64	56	88
87	87	94	90	71	59	54	94
88	92	90	82	70	58	56	92
90	86	83	82	72	61	59	90
95	94	90	83	78	69	55	95

OPERATING LOCATION 'A' — MONTHLY MAXIMUM TEMPERATURES IN FA
USAFETAC, ASHEVILLE NC — FROM SUMMARY OF DAY DATA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IN UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	60	58	58	75	86	83	95
72	53	60	70	75	89	79	90
73	61	65	64	69	83	90	89
74	59	56	63	69	87	83	90
75	54	60	57	66	73	86	88
76	58	53	60	80	79	82	84
77	57	63	56	74	89	85	84
78	55	60	67	68	80	91	93
79	52	57	65	75	79	86	96
80	61	60	59	74	75	72	88
81	63	62	64	71	76	79	87
82	67	57	60	79	78	93	87
83	58	60	63	72	94	76	88
84	61	59	64	78	79	93	91
85	60	62	61	69	79	87	93
86	62	72	69	72	84	89	81
87	59	59	71	82	86	91	86
88	55	62	69	75	86		
GREATEST	63	72	74	83	94	99	100
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457	1

THE GREATEST VALUE OF 100 OCCURRED ON 07/16/41

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

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

ASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
83	95	94	78	73	58	50	95
79	90	93	88	76	60	57	93
90	89	83	87	70	62	58	90
83	90	90	92	76	62	60	92
86	88	81	84	81	70	58	88
82	84	77	83	71	63	61	84
85	84	97	76	70	60	56	97
91	93	97	73	74	62	52	97
86	96	81	93	75	59	59	96
72	83	84	79	83	70	66	84
73	87	89	93	65	67	58	89
93	87	86	88	68	54	57	93
76	83	80	78	66	64	52	94
83	91	86	85	79	55	53	91
87	93	89	74	65	59	51	93
89	81	88	88	72	57	56	93
91	85	91	91	87	63	57	91
							86*
99	100	99	96	87	72	66	100
1410	1457	1488	1440	1487	1440	1488	17470

RRED ON 07/16/41

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

3

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN F
FROM SUMMARY OF DAY DAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
40							
41	25	25	26	32	35	43	46
42	10	22	28	33	33	42	48
43	-6	24	21	31	32	42	42
44	20	23	22	31	32	35	42
45	21	23	26	27	35	37	42
46	25	25	29	30	35	41	46
47	10	22	25	34	34	41	41
48	19	18	26	29	32	44	45
49	4	16	28	30	32	40	42
50	-5	-1	22	30	34	41	46
51	10	23	25	29	36	40	45
52	12	21	26	27	32	40	46
53	31	27	26	30	35	46	45
54	8	24	25	31	27	41	45
55	26	13	12	30	37	42	44
56	12	11	20	30	34	41	43
57	2	15	29	32	39	44	45
58	25	26	26	32	33	47	47
59	5	27	27	30	32	39	45
60	18	18	20	31	36	40	44
61	21	32	29	27	35	40	45
62	10	16	26	31	32	39	39
63	6	26	25	27	31	41	42
64	27	24	27	28	31	42	44
65	27	26	19	29	32	43	45
66	24	23	25	29	32	40	46
67	26	25	24	29	37	43	44
68	20	21	27	30	37	42	45
69	11	22	25	32	33	47	43
70	18	29	25	30	33	44	48

UM TEMPERATURES IN FAHRENHEIT
M SUMMARY OF DAY DATA

A WASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

Y	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
			44	39	31	21	16	16*
	43	46	47	36	37	24	19	19
	42	48	42	34	29	26	29	10
	42	42	47	38	28	28	22	-6
	35	42	41	36	36	25	14	14
	37	42	41	35	30	24	16	16
	41	45	44	34	26	23	18	18
	41	41	41	35	34	25	27	19
	44	45	46	34	28	24	15	15
	40	42	42	35	24	34	17	4
	41	46	42	31	31	23	33	-5
	40	45	44	41	30	24	15	10
	40	46	43	39	31	19	23	12
	45	45	47	38	31	28	30	26
	41	45	44	36	30	27	23	9
	42	44	43	37	34	2	19	2
	41	43	43	35	28	25	16	11
	44	45	43	37	29	26	27	2
	47	47	47	40	29	20	30	20
	39	45	42	38	30	23	22	5
	40	44	41	35	30	22	22	18
	40	45	47	34	31	22	19	19
	39	39	42	40	33	27	16	10
	41	42	46	41	30	24	23	6
	42	44	42	36	32	26	7	7
	43	45	41	32	34	27	23	19
	40	46	42	42	32	25	27	23
	43	44	44	39	34	27	17	17
	42	45	45	38	30	26	8	8
	47	43	41	31	21	23	23	11
	44	48	44	34	26	26	21	18

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN
FROM SUMMARY OF DAY DA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST IS UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	19	21	13	29	34	42	45
72	3	8	29	29	34	42	46
73	7	24	30	31	36	42	45
74	13	30	25	30	32	40	45
75	24	25	25	28	36	40	47
76	25	21	24	30	37	35	44
77	19	28	27	31	35	41	43
78	17	25	25	30	35	44	49
79	6	17	28	33	40	40	43
80	6	23	28	29	33	40	45
81	27	25	27	29	36	40	43
82	11	18	27	28	34	41	47
83	23	26	30	30	37	42	46
84	17	28	31	31	35	38	46
85	24	17	23	27	31	42	48
86	30	22	30	32	39	43	45
87	20	25	26	32	41	44	48
88	17	21	26	31	36		
LEAST	-6	-1	12	27	27	35	39
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

THE LEAST VALUE OF -6 OCCURRED ON 01/22/43

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 90%

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
42	45	47	38	20	26	22	19
42	46	47	31	25	30	5	3
42	45	41	39	33	26	29	7
40	45	49	40	33	31	22	13
40	47	44	41	34	23	28	23
35	44	46	40	30	22	26	21
41	43	46	39	36	16	22	16
44	49	47	41	31	17	5	5
40	43	47	43	35	25	28	6
40	45	38	43	32	31	21	5
40	43	45	43	33	26	27	25
41	47	43	35	29	20	20	11
42	46	47	34	32	24	4	4
38	46	44	38	29	29	18	17
42	48	44	33	29	3	8	3
43	45	45	42	34	27	22	22
44	48	45	40	32	23	19	19
							17*
35	39	38	31	20	2	4	-6
1410	1457	1488	1440	1487	1440	1488	17470

RRED ON 01/22/43

ITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

E - 3 - 28

6

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN F
FROM SUMMARY OF DAY DAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
40							
41	41	43	49	52	55	60	63
42	37	41	43	50	55	58	66
43	33	42	42	51	53	59	64
44	39	40	42	49	54	59	64
45	41	42	43	47	56	58	64
46	40	41	44	48	57	58	64
47	35	43	46	51	57	59	63
48	32	40	42	46	53	62	63
49	23	37	45	49	57	58	62
50	26	40	42	46	53	61	64
51	37	42	41	50	56	63	66
52	37	41	43	50	55	58	65
53	45	42	44	49	54	58	64
54	38	44	42	48	55	57	61
55	40	39	40	45	52	59	61
56	39	36	41	49	57	57	64
57	32	39	44	51	58	61	62
58	43	47	43	49	59	64	69
59	40	41	44	49	52	60	65
60	38	41	43	49	53	59	65
61	43	44	45	47	53	62	65
62	39	43	42	50	51	59	63
63	33	46	42	48	54	63	61
64	42	41	44	46	52	57	61
65	39	41	43	48	52	59	65
66	41	42	44	49	53	58	63
67	43	43	42	46	54	62	64
68	40	45	52	48	55	59	66
69	33	40	45	50	58	64	63
70	39	45	46	47	55	63	66

TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON — PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
		64	62	54	40	41	52*
60	68	64	57	52	46	41	52
58	66	67	60	52	43	42	51
59	64	63	60	52	44	37	50
59	64	63	61	54	44	36	50
63	64	64	57	52	44	39	51
58	64	63	58	48	40	39	50
59	63	62	59	52	43	42	51
62	63	61	57	50	42	35	49
61	62	62	59	47	49	38	49
61	64	65	59	50	44	46	50
63	66	63	61	52	44	37	51
59	65	64	60	55	41	42	51
58	64	64	60	54	48	43	52
57	61	62	59	51	49	40	50
59	61	62	58	51	40	39	49
57	64	62	57	50	42	41	50
61	62	62	63	51	42	43	51
64	69	66	59	52	43	44	53
60	65	62	57	51	43	39	50
59	65	62	57	52	42	38	50
62	65	66	65	49	41	41	51
59	63	62	[illegible]	53	46	42	51
63	61	63	62	54	44	42	51
57	61	60	56	51	42	36	49
59	65	64	65	54	48	40	51
63	63	64	60	51	46	44	51
62	64	67	62	53	45	40	52
59	66	62	58	49	44	37	51
64	63	63	58	48	43	41	51
63	66	64	58	51	45	40	52

B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAH
FROM SUMMARY OF DAY DATA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: +08

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL
71	42	42	42	47	55	57	55
72	36	41	47	46	56	60	64
73	39	44	47	50	57	61	65
74	40	44	46	47	50	58	63
75	39	41	42	45	54	58	64
76	43	41	41	48	53	57	63
77	37	45	42	50	51	61	61
78	43	45	47	48	53	63	65
79	33	40	46	49	55	60	65
80	34	43	43	50	53	55	62
81	43	43	47	49	53	57	62
82	39	41	43	45	53	61	63
83	43	45	47	48	56	57	60
84	43	44	47	48	51	58	64
85	37	39	42	48	53	60	65
86	44	43	49	48	55	61	61
87	39	44	47	50	58	62	64
88	39	44	45	50	55		
MEAN	33.5	42.1	44.1	48.4	54.4	59.5	63.9
TOTAL OBS	1488	1356	1488	1440	1488	1410	1457

NOTE: #THE VALUE IS BASED ON A MONTH WITH LESS THAN 90% C

N TEMPERATURES IN FAHRENHEIT
SUMMARY OF DAY DATA

WASHINGTON — PERIOD OF RECORD: 4008-8805
MONTH: ALL HOURS: ALL

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
57	66	63	57	50	45	33	51
60	64	66	56	49	45	37	50
61	65	60	59	51	44	44	52
56	63	66	64	53	48	43	52
58	64	61	59	52	45	43	50
52	53	61	60	52	45	42	51
61	61	67	57	52	42	40	50
63	65	65	58	52	39	35	51
60	65	64	61	53	42	44	51
66	62	61	58	52	48	46	50
57	62	68	61	51	47	42	52
61	63	62	57	50	39	39	49
57	60	63	66	50	48	36	51
58	64	63	60	49	44	38	51
60	68	64	57	51	36	37	49
61	61	67	58	53	45	39	52
62	64	66	62	54	47	38	53
							46*
59.5	63.2	63.6	58.8	51.4	43.9	40.1	50.7
1410	1457	1498	1440	1487	1440	1488	17470

WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION MAP
USAFFTAG, ASHEVILLE NC

DRY BULB TEMPERATURE S
FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER L E 0
00-02	35.4	4.198	930	0
03-05	35.2	3.479	930	0
06-08	35.7	3.775	930	0
09-11	38.5	7.532	930	0
12-14	43.1	6.147	930	0
15-17	43.3	6.909	930	0
18-20	40.0	6.573	930	0
21-23	37.9	7.337	930	0
ALL HOURS	38.9	7.373	7440	0

00-02	39.2	7.148	849	0
03-05	38.5	7.419	849	0
06-08	39.4	7.647	849	0
09-11	42.3	6.699	849	0
12-14	46.9	6.012	849	0
15-17	47.3	5.825	849	0
18-20	43.3	6.795	849	0
21-23	40.7	6.582	849	0
ALL HOURS	42.1	7.498	6792	0

(BULB TEMPERATURE SUMMARY
-04 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	254	0	0	0	930
0	260	0	0	0	930
0	232	0	0	0	930
0	131	0	0	0	930
0	44	0	0	0	930
0	38	0	0	0	930
0	117	0	0	0	930
0	199	0	0	0	930
0	1375	0	0	0	7442

MONTH: FEB

0	170	0	0	0	849
0	203	0	0	0	849
0	205	0	0	0	849
0	74	0	0	0	849
0	8	1	0	0	849
0	3	3	0	0	849
0	23	0	0	0	849
0	107	0	0	0	849
0	793	4	0	0	6792

OPERATING LOCATION "AM — DRY BULB TEMPERATURE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 0	LE
00-02	40.7	5.465	930	0	
03-05	39.5	5.029	930	0	
06-08	39.8	5.077	930	0	
09-11	46.5	4.726	930	0	
12-14	51.2	5.214	930	0	
15-17	52.0	5.793	930	0	
18-20	47.5	5.103	930	0	
21-23	43.2	4.795	930	0	
ALL HOURS	45.1	7.077	7440	0	
00-02	43.3	5.178	900	0	
03-05	41.4	5.537	900	0	
06-08	43.4	5.284	900	0	
09-11	50.4	5.215	900	0	
12-14	54.7	5.610	900	0	
15-17	55.5	7.342	900	0	
18-20	51.7	5.812	900	0	
21-23	46.7	5.370	900	0	
ALL HOURS	48.4	7.914	7200	0	

BULB TEMPERATURE SUMMARY
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	65	0	0	0	930
0	136	0	0	0	930
0	135	0	0	0	930
0	1	0	0	0	930
0	0	7	0	0	930
0	0	19	0	0	930
0	0	2	0	0	930
0	10	0	0	0	930
0	347	28	0	0	7440

MONTH: APR

0	9	0	0	0	900
0	46	0	0	0	900
0	24	0	0	0	900
0	0	14	0	0	900
0	0	34	0	0	900
0	0	118	3	0	900
0	0	39	1	0	900
0	0	1	0	0	900
0	79	256	4	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMM
FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8 M

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	ME. NUMBER OF LE O LE
00-02	48.4	5.134	930	0
03-05	46.7	5.136	930	0
06-08	50.0	5.260	930	0
09-11	56.0	5.351	930	0
12-14	60.3	7.661	930	0
15-17	61.4	8.257	928	0
18-20	57.8	7.524	927	0
21-23	52.2	5.738	927	0
ALL HOURS	54.1	8.274	7432	0

00-02	53.3	3.925	900	0
03-05	51.2	4.038	900	0
06-08	55.0	4.391	900	0
09-11	61.2	5.277	900	0
12-14	65.7	7.729	900	0
15-17	67.4	8.455	900	0
18-20	64.3	7.591	900	0
21-23	57.7	5.001	900	0
ALL HOURS	59.5	8.395	7200	0

A

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 85
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	2	0	0	930
0	1	0	0	0	930
0	0	12	0	0	930
0	0	95	1	0	930
0	0	238	19	0	930
0	0	293	27	1	928
0	0	153	10	0	927
0	0	36	0	0	927
0	1	829	57	1	7432

MONTH: JUN

0	0	5	0	0	900
0	0	2	0	0	900
0	0	30	0	0	900
0	0	229	10	0	900
0	0	431	56	1	900
0	0	504	104	1	900
0	0	380	38	0	900
0	0	88	0	0	900
0	2	1570	208	2	7200

b

OPERATING LOCATION "A" — DRY BULB TEMPERATURE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER D. LE D L
00-02	56.7	3.983	930	0
03-05	54.2	3.786	930	0
06-08	57.4	4.141	930	0
09-11	64.4	5.909	930	0
12-14	69.9	7.359	930	0
15-17	72.1	8.061	930	0
18-20	68.6	7.620	930	0
21-23	61.4	5.170	930	0
ALL HOURS	63.1	8.624	7440	0

00-02	57.3	4.116	930	0
03-05	54.7	4.330	930	0
06-08	57.0	4.654	930	0
09-11	65.2	5.807	930	0
12-14	71.3	7.005	930	0
15-17	73.7	7.665	930	0
18-20	69.2	6.914	930	0
21-23	62.0	4.809	930	0
ALL HOURS	63.8	8.898	7440	0

BULB TEMPERATURE SUMMARY
ROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	32	0	0	930
0	0	6	0	0	930
0	0	56	0	0	930
0	0	402	11	0	930
0	0	597	106	1	930
0	0	750	186	9	930
0	0	601	92	2	930
0	0	230	2	0	930
0	0	2764	397	12	7440

MONTH: AUG

0	0	42	0	0	930
0	0	8	0	0	930
0	0	52	0	0	930
0	0	440	22	0	930
0	0	769	129	5	930
0	0	837	205	16	930
0	0	665	84	4	930
0	0	226	4	0	930
0	0	3039	444	25	7440

OPERATING LOCATION "A" — DRY BULB TEMPERATURE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 0 L
00-02	52.9	5.190	900	0
03-05	51.2	5.722	900	0
06-08	52.4	5.783	900	0
09-11	50.4	5.444	900	0
12-14	65.7	6.635	900	0
15-17	66.7	7.237	900	0
18-20	61.4	6.235	900	0
21-23	55.6	5.074	900	0
ALL HOURS	53.3	8.199	7200	0

00-02	46.1	6.575	930	0
03-05	45.4	7.003	930	0
06-08	46.0	6.938	930	0
09-11	52.8	6.129	930	0
12-14	59.2	6.461	930	0
15-17	58.5	6.525	930	0
18-20	52.6	6.655	930	0
21-23	48.3	5.977	930	0
ALL HOURS	51.0	8.178	7440	0

BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	0	4	0	0	900
0	0	0	0	0	900
0	0	6	0	0	900
0	0	194	5	0	900
0	0	488	24	1	900
0	0	526	48	1	900
0	0	247	8	0	900
0	0	38	0	0	900
0	2	1503	85	2	7200

MONTH: OCT

0	15	0	0	0	930
0	21	1	0	0	930
0	29	2	0	0	930
0	0	32	0	0	930
0	0	151	3	0	930
0	0	141	6	0	930
0	0	18	0	0	930
0	2	2	0	0	930
0	67	347	9	0	7440

OPERATING LOCATION "A" — DRY BULB TEMPERATURE S
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 0
00-02	40.9	8.815	900	0
03-05	40.4	8.896	900	0
06-08	40.1	9.066	900	0
09-11	43.8	8.089	900	0
12-14	47.7	7.040	900	0
15-17	47.2	6.975	900	0
18-20	43.6	7.530	900	0
21-23	41.8	8.406	900	0
ALL HOURS	43.2	8.537	7200	0

00-02	37.5	8.650	930	0
03-05	36.9	9.021	930	0
06-08	36.6	8.971	930	0
09-11	39.1	8.146	930	0
12-14	43.0	6.716	930	0
15-17	42.4	6.573	930	0
18-20	39.5	7.301	930	0
21-23	38.2	8.118	930	0
ALL HOURS	39.2	8.328	7440	0

BULB TEMPERATURE SUMMARY
ROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	139	0	0	0	900
0	167	0	0	0	900
0	171	1	0	0	900
0	81	0	0	0	900
0	30	6	0	0	900
0	31	6	0	0	900
0	63	0	0	0	900
0	113	0	0	0	900
0	795	13	0	0	7200

MONTH: DEC

0	245	0	0	0	930
0	264	0	0	0	930
0	267	0	0	0	930
0	170	0	0	0	930
0	48	0	0	0	930
0	50	0	0	0	930
0	152	1	0	0	930
0	213	0	0	0	930
0	1409	1	0	0	7440

OPERATING LOCATION "A" — DRY BULB TEMPERATURE SUM
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIC

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 0	LE
00-02	46.2	9.535	10959	0	
03-05	44.7	9.230	10959	0	1
06-08	46.0	10.216	10959	0	1
09-11	51.3	11.350	10959	0	
12-14	56.5	11.908	10959	0	
15-17	57.4	12.794	10957	0	
18-20	53.3	12.421	10956	0	
21-23	48.9	10.467	10955	0	
ALL HOURS	50.6	11.972	87664	0	

BULB TEMPERATURE SUMMARY
24 HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 0	LE 32	GE 65	GE 80	GE 93	HOURS
0	897	86	0	0	10959
0	1098	17	0	0	10959
0	1113	159	0	0	10959
0	507	1406	49	0	10959
0	130	2862	337	8	10959
0	122	3197	579	28	10957
0	365	2106	233	6	10956
0	644	621	6	0	10956
0	4366	10454	1204	42	97664

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMM
FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32 GE
00-02	34.8	8.013	930	337
03-05	34.3	8.348	930	349
06-08	34.1	8.605	930	344
09-11	36.3	7.514	930	255
12-14	39.5	6.255	930	119
15-17	38.5	6.173	929	113
18-20	37.3	6.730	930	215
21-23	35.7	7.363	930	272
ALL HOURS	36.4	7.202	7439	2005

00-02	37.0	7.052	846	227
03-05	36.5	7.137	845	250
06-08	36.4	7.415	844	248
09-11	39.6	6.456	849	120
12-14	42.5	5.699	849	50
15-17	42.6	5.553	849	44
18-20	40.2	5.891	849	86
21-23	38.3	5.625	849	182
ALL HOURS	39.2	6.921	6781	1207

BULB TEMPERATURE SUMMARY
(ON HOURLY OBSERVATIONS

WASHINGTON — PERIOD OF RECORD: JUN 78 - MAY 84

MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 60	GE 67	GE 73	GE 80	HOURS
337	8	0	0	0	930
349	9	0	0	0	930
344	14	0	0	0	930
255	16	0	0	0	930
119	34	0	0	0	930
113	34	0	0	0	929
215	24	0	0	0	930
272	15	0	0	0	930
2005	157	0	0	0	7439

MONTH: FEB

227	24	0	0	0	846
250	25	0	0	0	846
248	29	0	0	0	844
120	43	0	0	0	849
50	82	0	0	0	849
44	76	0	0	0	849
86	42	0	0	0	849
152	33	0	0	0	849
1207	354	0	0	0	6781

OPERATING LOCATION MAP — WET BULB TEMPERATURE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 32	C G
00-02	38.6	5.341	930	125	
03-05	37.6	5.939	930	213	
06-08	37.7	5.833	930	199	
09-11	42.6	4.050	930	8	
12-14	45.0	3.998	930	0	
15-17	45.2	4.208	930	0	
18-20	42.9	4.254	930	2	
21-23	40.4	4.625	930	37	
ALL HOURS	41.2	5.664	7440	574	

00-02	40.6	4.960	900	33	
03-05	39.1	5.297	900	99	
06-08	40.7	5.022	900	52	
09-11	45.2	4.332	900	0	
12-14	47.3	4.851	900	0	
15-17	47.4	5.016	900	0	
18-20	45.4	4.910	900	0	
21-23	42.8	4.663	900	5	
ALL HOURS	43.6	5.794	7200	189	

BULB TEMPERATURE SUMMARY
ROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
125	17	0	0	0	930
213	18	0	0	0	930
169	18	0	0	0	930
8	51	0	0	0	930
0	124	0	0	0	930
0	146	0	0	0	930
2	59	0	0	0	930
37	24	0	0	0	930
574	457	0	0	0	7440

MONTH: APR

33	50	0	0	0	900
99	35	0	0	0	900
52	45	0	0	0	900
0	138	0	0	0	900
0	250	0	0	0	900
0	275	0	0	0	900
0	174	0	0	0	900
5	81	0	0	0	900
189	1058	0	0	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON PE
LST TO UTC: + 8 MO

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF H LE 32	GE 5
00-02	45.2	4.561	930	3	1
03-05	44.0	4.699	930	6	1
06-08	45.4	4.430	930	2	1
09-11	49.8	4.631	929	0	4
12-14	51.9	5.027	930	0	5
15-17	52.2	5.055	923	0	6
18-20	50.4	4.905	927	0	4
21-23	47.5	4.490	927	0	2
ALL HOURS	48.4	5.539	7431	11	2
00-02	49.8	3.491	900	0	
03-05	48.3	3.715	900	0	
06-08	51.0	3.586	900	0	
09-11	54.4	4.053	900	0	
12-14	56.5	4.412	900	0	
15-17	57.0	4.476	900	0	
18-20	55.3	4.206	900	0	
21-23	52.3	3.569	900	0	
ALL HOURS	53.1	4.982	7200	0	

A

BULB TEMPERATURE SUMMARY
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
3	144	0	0	0	930
6	107	0	0	0	930
2	193	0	0	0	930
0	425	2	0	0	929
0	595	12	0	0	930
0	609	10	0	0	928
0	494	3	0	0	927
0	256	0	0	0	927
11	2823	27	0	0	7431

MONTH: JUN

0	472	0	0	0	900
0	348	0	0	0	900
0	602	0	0	0	900
0	813	2	0	0	900
0	867	21	0	0	900
0	874	30	0	0	900
0	839	10	0	0	900
0	693	1	0	0	900
0	5508	64	0	0	7200

OPERATING LOCATION "A" — WET BULB TEMPERATURE SUM
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32	GE
00-02	53.2	3.440	930	0	
03-05	51.4	3.406	929	0	
06-08	53.9	3.223	930	0	
09-11	57.6	3.651	930	0	
12-14	60.2	4.026	930	0	
15-17	60.9	3.970	930	0	
18-20	59.1	3.936	930	0	
21-23	55.9	3.474	930	0	
ALL HOURS	56.5	4.221	7439	0	5

00-02	53.7	3.734	930	0	
03-05	51.8	4.093	930	0	
06-08	53.7	4.015	929	0	
09-11	58.4	3.616	928	0	
12-14	61.0	3.693	930	0	
15-17	61.5	3.656	930	0	
18-20	59.6	3.554	930	0	
21-23	56.4	3.538	930	0	
ALL HOURS	57.0	5.068	7437	0	4

[BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83

MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
0	784	0	0	0	930
0	640	0	0	0	929
0	835	0	0	0	930
0	924	7	0	0	930
0	928	67	0	0	930
0	930	95	0	0	930
0	924	31	0	0	930
0	390	0	0	0	930
0	6355	200	0	0	7439

MONTH: AUG

0	801	1	0	0	930
0	566	0	0	0	930
0	797	3	0	0	929
0	927	27	1	0	929
0	930	85	3	0	930
0	930	98	4	0	930
0	929	46	0	0	930
0	909	10	0	0	930
0	6889	270	8	0	7437

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 32
00-02	50.0	5.033	900	0
03-05	49.6	5.544	900	5
06-08	49.7	5.472	900	7
09-11	54.8	3.877	900	0
12-14	57.1	3.909	900	0
15-17	57.3	4.157	900	0
18-20	54.9	4.298	900	0
21-23	51.9	4.477	900	0
ALL HOURS	53.0	5.630	7200	12
00-02	43.6	6.227	930	37
03-05	43.0	6.631	930	60
06-08	43.6	6.616	930	54
09-11	48.8	4.893	930	2
12-14	51.6	4.645	930	0
15-17	51.6	4.728	930	0
18-20	48.5	4.939	930	3
21-23	45.5	5.642	930	12
ALL HOURS	47.0	6.528	7440	168

BULB TEMPERATURE SUMMARY
ON HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
0	501	0	0	0	900
5	418	0	0	0	900
7	495	0	0	0	900
0	825	2	0	0	900
0	879	9	0	0	900
0	877	14	0	0	900
0	809	0	0	0	900
0	638	0	0	0	900
12	5442	25	0	0	7200

MONTH: OCT

37	178	0	0	0	930
60	164	0	0	0	930
54	179	0	0	0	930
2	407	0	0	0	930
0	630	0	0	0	930
0	623	0	0	0	930
3	389	0	0	0	930
12	219	0	0	0	930
168	2789	0	0	0	7440

OPERATING LOCATION "A" — WET BULB TEMPERATURE SU
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIC

STATION NUMBER: 72206J STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF LE 32 GI
00-02	38.8	8.374	900	186
03-05	38.4	8.397	900	203
06-08	38.1	8.577	900	211
09-11	41.1	7.493	899	107
12-14	43.7	6.357	900	47
15-17	43.4	6.397	900	50
18-20	41.0	7.087	900	107
21-23	39.6	7.950	900	149
ALL HOURS	40.5	7.882	7199	1060

00-02	35.4	8.225	930	321
03-05	34.9	8.563	930	330
06-08	34.7	8.526	930	330
09-11	36.8	7.707	930	236
12-14	39.6	6.608	930	91
15-17	39.2	6.556	930	103
18-20	37.1	7.185	930	230
21-23	36.0	7.794	930	277
ALL HOURS	36.7	7.859	7440	1918

B

BULB TEMPERATURE SUMMARY
RDH HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
186	75	0	0	0	900
203	64	0	0	0	900
211	61	0	0	0	900
107	105	0	0	0	899
47	160	0	0	0	900
50	151	0	0	0	900
107	104	0	0	0	900
149	79	0	0	0	900
1060	739	0	0	0	7199

MONTH: DEC

321	39	0	0	0	930
330	30	0	0	0	930
330	29	0	0	0	930
236	27	0	0	0	930
91	42	0	0	0	930
103	43	0	0	0	930
230	37	0	0	0	930
277	37	0	0	0	930
1918	275	0	0	0	7440

OPERATING LOCATION "A" — WET BULB TEMPERATURE SJ
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 32	G
00-02	43.4	8.909	10956	1269	
03-05	42.3	8.796	10955	1515	
06-08	43.4	9.454	10953	1437	
09-11	47.1	9.394	10955	728	
12-14	49.7	9.046	10959	307	
15-17	49.9	9.268	10956	310	
18-20	47.7	9.523	10956	644	
21-23	45.2	9.154	10956	934	
ALL HOURS	45.1	9.595	87645	7144	3

T BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
1269	3093	1	0	0	10956
1515	2524	0	0	0	10955
1437	3288	3	0	0	10953
728	4701	40	1	0	10955
307	5531	194	3	0	10959
310	5558	247	4	0	10956
644	4824	90	0	0	10956
934	3877	11	0	0	10955
7144	33405	586	8	0	87646

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE S.
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	31.3	9.777	930	263
03-05	31.0	9.995	930	277
06-08	30.8	10.179	930	276
09-11	32.6	9.335	930	215
12-14	34.2	9.459	930	164
15-17	34.2	9.674	929	164
18-20	33.1	9.460	930	209
21-23	32.1	9.579	930	250
ALL HOURS	32.6	9.735	7439	1737

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	33.6	8.460	846	194
03-05	33.4	8.410	845	180
06-08	33.4	8.440	844	183
09-11	35.9	7.857	849	110
12-14	37.0	7.932	849	81
15-17	36.7	8.041	849	80
18-20	35.9	8.097	849	102
21-23	34.9	8.269	849	148
ALL HOURS	35.1	8.335	6781	1068

A

POINT TEMPERATURE SUMMARY
RDM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: JAN

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
263	303	930	0	930
277	274	930	0	930
276	278	930	0	930
215	334	930	0	930
164	422	930	0	930
164	448	929	0	929
208	391	930	0	930
230	319	930	0	930
1737	2769	7439	0	7439

MONTH: FEB

194	352	846	0	849
180	318	846	0	849
183	307	844	0	849
110	435	849	0	849
81	476	846	0	849
80	463	848	0	849
102	437	849	0	849
148	403	849	0	849
1068	3191	6777	0	6781

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE S
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	35.5	5.272	930	102
03-05	34.3	5.803	930	162
06-08	34.8	6.718	930	135
09-11	37.9	5.329	930	15
12-14	37.8	6.092	930	28
15-17	37.3	6.538	930	56
18-20	37.0	6.061	930	46
21-23	36.7	5.793	930	50
ALL HOURS	36.4	6.368	7440	595
00-02	37.1	5.668	900	26
03-05	36.0	6.003	900	61
06-08	37.4	5.710	900	34
09-11	39.5	5.393	900	8
12-14	39.3	5.292	900	23
15-17	38.6	6.741	900	42
18-20	38.4	6.292	900	39
21-23	38.2	5.633	900	19
ALL HOURS	38.0	6.107	7200	252

POINT TEMPERATURE SUMMARY
RUN HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: MAR

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
102	414	930	0	930
162	380	930	0	930
135	396	930	0	930
16	537	930	0	930
28	534	930	0	930
56	494	930	0	930
46	483	930	0	930
50	467	930	0	930
535	3705	7440	0	7440

MONTH: APR

26	449	900	0	900
61	411	900	0	900
34	508	899	0	900
8	619	893	0	900
23	592	887	0	900
42	562	891	0	900
39	539	892	0	900
19	527	898	0	900
252	4207	7160	0	7200

OPERATING LOCATION "A" — DEW POINT TEMPERATURE S
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	41.6	5.298	930	8
03-05	40.9	5.461	930	13
06-08	42.7	4.894	930	3
09-11	43.9	5.230	929	6
12-14	44.2	5.582	930	3
15-17	43.6	6.003	928	8
18-20	43.2	5.817	927	10
21-23	42.7	5.202	927	6
ALL HOURS	42.8	5.606	7431	57

00-02	46.5	4.394	900	0
03-05	45.5	4.429	900	0
06-08	47.5	4.001	900	0
09-11	48.6	4.409	900	0
12-14	49.0	5.025	900	0
15-17	48.6	5.371	900	0
18-20	47.8	5.328	900	0
21-23	47.5	4.391	900	0
ALL HOURS	47.6	4.870	7200	0

A

POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

3 WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
8	735	918	0	930
13	746	922	0	930
3	834	921	0	930
6	865	911	0	929
3	850	905	0	930
8	817	909	0	928
10	811	914	0	927
6	816	918	0	927
57	6524	7318	0	7431

MONTH: JUN

0	894	895	0	900
0	877	892	0	900
0	896	871	0	900
0	897	841	0	900
0	892	818	0	900
0	889	812	0	900
0	881	826	2	900
0	899	862	0	900
0	7125	6807	2	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE
FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBE LE 27
00-02	50.2	3.905	930	0
03-05	49.1	3.961	929	0
06-08	51.0	3.572	930	0
09-11	52.5	3.581	930	0
12-14	53.3	4.033	930	0
15-17	52.7	4.532	930	0
18-20	52.1	4.445	930	0
21-23	51.6	3.960	930	0
ALL HOURS	51.6	4.230	7439	0

00-02	50.6	4.325	930	0
03-05	49.4	4.644	930	0
06-08	51.0	4.281	929	0
09-11	53.3	3.755	928	0
12-14	53.6	4.140	930	0
15-17	53.0	4.657	930	0
18-20	52.5	4.446	930	0
21-23	52.0	4.131	930	0
ALL HOURS	51.9	4.578	7437	0

POINT TEMPERATURE SUMMARY
RDM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MONTH: JUL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
0	929	859	0	930
0	927	892	0	929
0	929	842	0	930
0	930	743	1	930
0	930	652	5	930
0	929	682	1	930
0	930	716	0	930
0	929	780	0	930
0	7433	6166	7	7439

MONTH: AUG

0	929	838	1	930
0	926	846	0	930
0	927	802	1	930
0	928	684	5	930
0	930	618	3	930
0	929	639	4	930
0	929	685	0	930
0	930	772	0	930
0	7428	5884	14	7437

OPERATING LOCATION "A" — DEW POINT TEMPERATURE S
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	47.3	5.602	900	0
03-05	46.1	6.219	900	7
06-08	47.2	5.987	900	5
09-11	50.2	4.672	900	3
12-14	50.2	5.138	900	5
15-17	49.7	5.631	900	5
18-20	49.4	5.330	900	0
21-23	48.4	5.287	900	2
ALL HOURS	48.6	5.735	7200	27
00-02	40.8	6.886	930	28
03-05	40.2	7.325	930	46
06-08	41.0	7.210	930	40
09-11	44.9	5.404	930	10
12-14	45.6	6.042	930	12
15-17	45.2	6.342	930	18
18-20	44.4	5.937	930	10
21-23	42.4	6.312	930	10
ALL HOURS	43.1	6.823	7440	174

A

'OINT TEMPERATURE SUMMARY
:OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
0	861	857	0	900
7	933	866	0	900
5	850	848	0	900
3	893	804	0	900
5	890	788	0	900
5	880	776	0	900
0	884	796	0	900
2	875	833	0	900
27	6367	6568	0	7200

MONTH: OCT

28	672	923	0	930
45	631	926	0	930
40	670	925	0	930
10	869	915	0	930
12	873	906	0	930
18	860	908	0	930
10	839	913	0	930
10	766	919	0	930
174	6180	7335	0	7440

OPERATING LOCATION "A" — DEW POINT TEMPERATURE S
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	36.0	9.143	900	143
03-05	35.6	9.254	900	158
06-08	35.3	9.392	900	162
09-11	37.9	8.266	899	95
12-14	39.0	7.743	900	76
15-17	38.8	7.994	900	86
18-20	37.6	8.200	900	103
21-23	36.6	8.855	900	126
ALL HOURS	37.1	8.759	7199	949
00-02	31.9	9.734	930	244
03-05	31.6	9.937	930	262
06-08	31.4	9.868	930	261
09-11	33.2	9.020	930	181
12-14	34.7	9.181	930	120
15-17	34.4	9.533	930	132
18-20	33.2	9.528	930	182
21-23	32.4	9.688	930	209
ALL HOURS	32.9	9.662	7440	1591

POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

3 WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: NOV

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
143	481	900	0	900
158	461	900	0	900
162	460	900	0	900
95	545	899	0	899
76	625	897	0	900
96	530	899	0	900
103	583	898	0	900
126	515	897	0	900
949	4301	7189	0	7199

MONTH: DEC

244	306	930	0	930
252	296	930	0	930
261	288	930	0	930
181	352	930	0	930
120	425	930	0	930
132	419	930	0	930
182	348	930	0	930
209	313	930	0	930
1591	2747	7440	0	7440

OPERATING LOCATION "A" DEW POINT TEMPERATURE
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER LE 27
00-02	40.2	9.679	10956	998
03-05	39.5	9.662	10955	1166
06-08	40.3	10.089	10953	1099
09-11	42.5	9.541	10955	644
12-14	43.2	9.517	10959	512
15-17	42.8	9.674	10956	591
18-20	42.1	9.673	10956	700
21-23	41.3	9.672	10956	800
ALL HOURS	41.5	9.772	87646	6510

4 POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 83
MONTH: ALL

MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
LE 27	GE 37	LE 55	GE 65	HOURS
998	7375	10716	1	10956
1166	7080	10780	0	10955
1099	7343	10642	1	10953
644	8204	10329	5	10955
512	8440	10107	8	10959
591	8320	10152	5	10956
700	8055	10279	2	10956
800	7760	10518	0	10956
6510	62577	83523	23	87646

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY O
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL 10%	20%	30%	40%	50%	60%	70%	
00-02	100.0	100.0	99.6	98.4	97.5	94.2	82.5	6
03-05	100.0	100.0	99.6	98.7	98.2	96.2	84.6	6
06-08	100.0	100.0	99.8	98.8	98.6	96.0	84.2	6
09-11	100.0	99.9	98.8	98.6	97.5	94.1	80.4	5
12-14	100.0	99.2	97.6	94.5	91.5	79.7	60.5	3
15-17	100.0	99.2	97.6	93.9	89.6	78.8	61.2	3
18-20	100.0	99.7	98.4	97.5	94.8	87.5	75.1	5
21-23	100.0	100.0	98.9	98.2	97.2	92.0	80.2	5
ALL HOURS	100.0	99.8	98.8	97.3	95.6	89.3	76.1	5

00-02	100.0	100.0	100.0	99.6	96.7	93.5	85.8	5
03-05	100.0	100.0	100.0	100.0	98.5	95.2	88.7	6
06-08	100.0	100.0	100.0	99.9	98.6	97.2	91.8	6
09-11	100.0	100.0	100.0	98.9	96.6	92.1	82.3	5
12-14	100.0	100.0	99.2	95.4	89.4	76.1	55.7	2
15-17	100.0	100.0	97.9	94.5	86.3	71.1	48.9	2
18-20	100.0	100.0	99.1	98.1	94.1	87.6	75.0	4
21-23	100.0	100.0	100.0	98.9	95.9	92.5	86.7	5
ALL HOURS	100.0	100.0	99.5	98.2	94.5	88.1	76.8	4

A

NTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
M HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JAN

ER THAN OR EQUAL TO

60%	70%	80%	90%	MEAN	TOTAL OBS
94.2	82.5	60.2	23.0	80.3	930
96.2	84.6	61.2	23.0	81.2	930
96.0	84.2	63.3	24.8	81.4	930
94.1	80.4	56.0	18.3	79.2	930
79.7	60.5	35.6	12.5	71.9	930
79.3	61.2	37.0	12.3	71.5	929
87.5	75.1	50.9	17.5	76.9	930
92.0	80.2	58.7	23.8	79.7	930
83.4	76.1	52.3	19.4	79.7	7439

MONTH: FEB

93.5	85.8	59.5	20.9	80.5	846
95.2	88.7	61.6	23.2	81.6	846
97.2	91.8	64.8	20.4	82.2	844
92.1	82.3	51.9	10.8	78.0	849
76.1	55.7	26.6	4.7	69.3	849
71.1	48.9	24.6	7.4	67.8	849
87.6	75.0	43.9	14.3	75.7	849
92.5	86.7	57.7	19.4	80.0	849
88.1	76.8	48.8	15.1	80.0	6781

OPERATING LOCATION: AM
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY O
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL 10%	20%	30%	40%	50%	60%	70%	
00-02	100.0	100.0	100.0	100.0	99.7	98.9	89.4	5
03-05	100.0	100.0	100.0	100.0	99.8	99.0	91.2	6
06-08	100.0	100.0	100.0	100.0	99.5	99.0	90.8	6
09-11	100.0	100.0	99.8	99.1	95.8	83.9	62.0	3
12-14	100.0	100.0	98.7	93.2	78.4	52.2	32.9	1
15-17	100.0	99.9	96.9	87.8	68.6	48.1	29.8	1
18-20	100.0	100.0	99.7	96.5	87.4	71.3	51.2	2
21-23	100.0	100.0	100.0	100.0	99.2	94.3	79.5	4
ALL HOURS	100.0	100.0	99.4	97.1	91.1	80.8	55.8	4

00-02	100.0	100.0	100.0	100.0	99.8	98.1	84.6	4
03-05	100.0	100.0	100.0	100.0	100.0	99.9	89.7	5
06-08	100.0	100.0	100.0	100.0	100.0	98.6	97.2	5
09-11	100.0	100.0	99.9	98.9	93.3	72.6	40.0	1
12-14	100.0	100.0	98.3	90.8	70.2	41.4	20.4	
15-17	100.0	100.0	95.3	82.3	56.9	39.3	21.0	1
18-20	100.0	100.0	98.4	92.3	77.1	55.3	35.3	1
21-23	100.0	100.0	100.0	99.6	97.0	86.3	52.7	3
ALL HOURS	100.0	100.0	99.0	95.5	86.8	73.9	55.1	3

PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

D AFB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAR

GREATER THAN OR EQUAL TO						
%	50%	70%	80%	90%	MEAN	TOTAL OBS
9	98.9	89.4	59.0	16.6	81.4	930
8	99.0	91.2	63.2	21.1	82.5	930
5	99.0	90.8	62.8	19.1	82.2	930
8	83.9	62.0	34.5	9.5	73.0	930
4	52.2	32.9	15.2	2.7	61.8	930
6	48.1	29.8	15.2	4.6	59.4	930
4	71.3	51.2	28.1	7.3	68.5	930
2	94.3	79.5	48.4	11.5	78.1	930
.1	80.8	65.8	40.8	11.5	78.1	7440

MONTH: APR

.8	98.1	84.6	47.1	11.0	78.8	900
.0	99.9	89.7	56.8	15.2	81.2	900
.0	98.6	87.2	51.7	12.6	79.8	900
.3	72.6	40.0	15.3	4.2	67.0	900
.2	41.4	20.4	8.9	2.1	57.6	900
.9	39.3	21.0	11.6	2.1	55.3	900
.1	55.3	35.3	17.4	3.8	62.5	900
.0	86.3	52.7	33.1	7.3	73.2	900
.3	73.9	55.1	30.4	7.3	73.2	7200

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF O
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIO

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%
00-02	100.0	100.0	100.0	100.0	99.7	95.2	75.4	49.2
03-05	100.0	100.0	100.0	100.0	99.9	98.1	82.8	57.2
06-08	100.0	100.0	100.0	100.0	99.6	93.4	71.5	45.1
09-11	100.0	100.0	100.0	98.8	89.5	66.7	33.3	14.7
12-14	100.0	100.0	98.4	91.0	69.0	41.0	18.2	8.6
15-17	100.0	99.6	95.4	81.5	58.9	35.0	18.2	8.0
18-20	100.0	99.9	98.1	90.4	73.1	51.5	28.3	14.3
21-23	100.0	100.0	100.0	99.6	95.1	79.6	53.7	31.0
ALL HOURS	100.0	99.9	99.0	95.2	85.6	70.1	47.7	28.6

00-02	100.0	100.0	100.0	100.0	99.4	96.2	79.6	48.4
03-05	100.0	100.0	100.0	99.8	99.7	98.0	89.6	63.1
06-08	100.0	100.0	100.0	99.8	99.4	94.7	74.9	45.1
09-11	100.0	100.0	99.7	97.2	88.4	65.8	33.6	14.3
12-14	100.0	99.8	97.3	88.1	68.3	41.0	19.4	7.9
15-17	100.0	99.2	93.8	80.9	58.4	33.3	16.8	9.2
18-20	100.0	99.7	96.1	85.8	69.9	46.2	22.2	11.4
21-23	100.0	100.0	100.0	99.2	93.3	79.2	51.7	25.8
ALL HOURS	100.0	99.8	98.4	93.8	84.5	69.3	48.5	29.2

NTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

ER THAN OR EQUAL TO 50%	70%	80%	90%	MEAN	TOTAL OBS
95.2	75.4	49.2	13.2	77.9	930
98.1	92.8	57.2	20.1	80.6	930
93.4	71.5	45.1	10.6	76.6	930
66.7	33.3	14.7	2.8	65.0	929
41.0	18.2	8.5	1.2	57.1	930
35.0	18.2	8.0	1.9	54.4	928
51.5	28.3	14.8	3.5	60.3	927
79.6	53.7	31.0	7.4	71.3	927
70.1	47.7	28.6	7.6	71.3	7431

MONTH: JUN

96.2	79.6	48.4	11.3	78.2	900
98.0	89.6	63.1	17.8	81.4	900
94.7	74.9	45.1	8.7	76.7	900
65.8	33.6	14.3	2.3	64.6	900
41.0	19.4	7.9	1.7	56.8	900
33.3	16.8	9.2	2.1	53.7	900
46.2	22.2	11.4	3.0	57.7	900
79.2	51.7	25.8	6.4	70.1	900
69.3	48.5	28.2	6.7	70.1	7200

OPERATING LOCATION DAT — CUMULATIVE PERCENTAGE FREQUENCY OF
USAFETAC, ASHEVILLE NC — FROM HOUR ? OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB SHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY G EATER THAN OR EQUAL T							
	10%	20%	30%	40%	50%	60%	70%	8
00-02	100.0	100.0	100.0	99.9	99.4	96.9	85.5	54
03-05	100.0	100.0	99.8	99.7	99.7	99.0	94.2	70
06-08	100.0	100.0	100.0	99.9	99.8	97.7	85.4	54
09-11	100.0	100.0	100.0	99.6	93.2	71.3	38.5	14
12-14	100.0	100.0	99.1	91.7	72.2	41.7	17.8	5
15-17	100.0	99.7	95.5	81.7	56.9	31.3	14.2	4
18-20	100.0	99.9	97.0	88.6	70.4	44.1	23.4	8
21-23	100.0	100.0	100.0	99.0	95.1	83.1	59.4	28
ALL HOURS	100.0	99.9	98.9	95.0	85.8	70.5	52.3	30
00-02	100.0	100.0	100.0	100.0	99.7	96.9	84.6	52
03-05	100.0	100.0	100.0	100.0	100.0	98.9	91.7	69
06-08	100.0	100.0	100.0	100.0	100.0	98.3	87.9	60
09-11	100.0	100.0	100.0	99.4	92.0	71.7	41.3	19
12-14	100.0	100.0	98.5	90.2	64.7	35.1	14.6	5
15-17	100.0	100.0	94.6	75.7	46.8	24.7	12.3	6
18-20	100.0	100.0	98.3	89.1	67.7	42.4	22.6	9
21-23	100.0	100.0	100.0	99.5	96.3	83.4	57.8	23
ALL HOURS	100.0	100.0	98.9	94.2	83.4	58.9	51.6	30

A

ENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
ROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUL

IER THAN OR EQUAL TO

60%	70%	80%	90%	MEAN	TOTAL OBS
96.9	85.5	54.8	13.7	79.3	930
99.0	94.2	70.2	25.0	83.4	929
97.7	85.4	54.1	15.5	79.7	930
71.3	38.5	14.6	3.4	66.5	930
41.7	17.8	5.7	1.3	57.3	930
31.3	14.2	4.0	1.5	52.7	930
44.1	23.4	8.6	2.7	57.9	930
83.1	59.4	28.0	5.5	71.3	930
70.6	52.3	30.0	8.6	71.3	7439

MONTH: AUG

96.9	84.6	52.5	10.2	78.8	930
98.9	91.7	69.7	24.4	82.9	930
98.3	97.9	60.9	18.3	80.9	929
71.7	41.3	16.2	4.2	66.8	928
35.1	14.6	5.1	1.7	55.4	930
24.7	12.3	6.0	1.3	50.7	930
42.4	22.6	9.0	2.8	57.4	930
83.4	57.8	23.1	5.5	70.8	930
68.9	51.6	30.3	8.6	70.8	7437

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80
00-02	100.0	100.0	100.0	100.0	100.0	99.6	91.3	65.
03-05	100.0	100.0	100.0	100.0	100.0	99.9	95.2	71.
06-08	100.0	100.0	100.0	100.0	100.0	99.8	94.4	69.
09-11	100.0	100.0	99.4	98.7	95.4	81.4	54.1	25.
12-14	100.0	99.6	97.4	93.4	76.0	47.1	22.2	9.
15-17	100.0	99.8	96.0	86.6	64.4	39.3	21.2	11.
18-20	100.0	100.0	99.3	96.3	87.1	68.9	42.7	23.
21-23	100.0	100.0	100.0	99.8	98.9	93.2	77.0	47.
ALL HOURS	100.0	99.9	99.0	96.8	90.2	78.7	62.3	40.

00-02	100.0	100.0	100.0	100.0	99.7	99.4	92.2	60.
03-05	100.0	100.0	100.0	99.6	99.6	98.9	92.8	65.
06-08	100.0	100.0	100.0	99.9	99.7	99.2	93.9	65.
09-11	100.0	100.0	99.8	98.5	96.8	89.4	67.7	41.
12-14	100.0	99.6	97.6	94.1	86.8	64.4	37.5	19.
15-17	100.0	99.6	97.5	93.8	84.6	58.3	33.9	15.
18-20	100.0	100.0	99.9	99.0	96.9	90.5	66.3	37.
21-23	100.0	100.0	100.0	100.0	99.8	97.6	88.1	55.
ALL HOURS	100.0	99.9	99.4	98.1	95.5	87.2	71.5	45.

A

AGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
HOURLY OBSERVATIONS

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

THAN OR EQUAL TO					
0%	70%	30%	90%	MEAN	TOTAL OBS
9.5	91.3	65.2	14.6	81.4	900
9.9	95.2	71.0	19.4	83.0	900
9.3	94.4	69.4	18.9	82.7	900
1.4	54.1	25.1	5.1	70.2	900
7.1	22.2	9.0	2.9	59.1	900
9.3	21.2	11.9	2.7	56.7	900
3.9	42.7	23.4	5.7	66.6	900
3.2	77.0	47.9	9.3	76.8	900
8.7	52.3	40.4	9.8	76.8	7200

MONTH: OCT

9.4	92.2	60.3	18.3	81.8	930
9.9	92.8	65.4	20.8	82.4	930
9.2	93.9	65.9	22.8	83.0	930
9.4	67.7	41.7	14.6	75.7	930
4.4	37.5	19.1	5.6	65.0	930
8.3	33.9	15.6	4.2	63.2	930
0.5	66.3	37.4	10.0	74.5	930
7.5	88.1	55.8	16.8	80.5	930
7.2	71.5	45.2	14.1	80.5	7440

OPERATING LOCATION "A" — CUMULATIVE PERCENTAGE FREQUENCY OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL T 10%	20%	30%	40%	50%	60%	70%	8
00-02	100.0	100.0	100.0	99.8	99.1	96.9	91.6	67
03-05	100.0	100.0	100.0	99.7	98.8	97.1	91.8	68
06-08	100.0	100.0	99.9	99.7	98.7	97.2	92.0	68
09-11	100.0	100.0	100.0	99.1	98.2	95.1	84.6	57
12-14	100.0	100.0	99.6	97.6	94.6	82.7	61.1	32
15-17	100.0	100.0	99.6	97.8	94.4	85.6	65.4	35
18-20	100.0	100.0	100.0	99.6	98.0	94.0	85.3	57
21-23	100.0	100.0	100.0	99.7	99.3	96.4	89.9	62
ALL HOURS	100.0	100.0	99.9	99.1	97.6	93.1	82.7	56

00-02	100.0	100.0	99.8	98.8	96.8	93.1	84.5	53
03-05	100.0	100.0	99.8	99.8	97.5	94.3	84.7	60
06-08	100.0	100.0	99.7	99.7	97.3	94.2	86.2	61
09-11	100.0	100.0	99.9	99.2	96.7	92.4	82.2	56
12-14	100.0	100.0	98.6	95.7	92.2	84.2	66.8	36
15-17	100.0	100.0	98.0	95.5	92.0	84.9	69.6	39
18-20	100.0	100.0	98.8	97.4	94.3	89.4	80.5	54
21-23	100.0	100.0	99.6	98.0	96.1	91.3	81.9	57
ALL HOURS	100.0	100.0	99.3	98.0	95.4	90.5	79.6	53

A

ENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
ROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: NOV

TER THAN OR EQUAL TO 60%	70%	80%	90%	MEAN	TOTAL OBS
96.9	91.6	67.8	21.1	82.5	900
97.1	91.8	68.6	22.9	82.9	900
97.2	92.0	68.9	25.7	83.0	900
95.1	84.6	57.0	17.0	79.7	899
82.7	61.1	32.0	8.4	72.4	900
85.6	65.4	35.3	10.6	73.5	900
94.0	85.3	57.0	15.3	79.7	900
96.4	89.9	62.2	19.3	81.7	900
93.1	82.7	56.1	17.5	81.7	7199

MONTH: DEC

93.1	84.5	58.8	24.4	80.4	930
94.3	84.7	60.0	25.2	81.1	930
94.2	86.2	61.6	21.8	81.1	930
92.4	82.2	56.0	19.1	79.3	930
84.2	66.8	36.8	12.0	73.4	930
84.9	69.6	39.6	12.4	74.0	930
89.4	80.5	54.8	21.5	78.5	930
91.3	81.9	57.3	24.8	79.8	930
90.5	79.6	53.1	20.2	79.8	7440

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY O
FROM HOURLY OBSERVA

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL 10%	20%	30%	40%	50%	60%	70%	
00-02	100.0	100.0	99.9	99.7	99.0	96.6	85.6	5
03-05	100.0	100.0	99.9	99.8	99.3	97.9	89.7	6
06-08	100.0	100.0	99.9	99.8	99.3	97.1	86.6	5
09-11	100.0	100.0	99.8	98.8	94.5	81.3	58.2	3
12-14	100.0	99.8	98.4	93.0	79.4	57.1	35.5	1
15-17	100.0	99.7	96.5	87.6	71.4	52.4	34.3	1
18-20	100.0	99.9	98.6	94.2	84.1	69.0	50.5	2
21-23	100.0	100.0	99.9	99.3	97.0	89.1	72.3	4
ALL HOURS	100.0	99.9	99.1	95.5	90.5	80.1	64.1	4

A

NTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
OM HOURLY OBSERVATIONS

WASHINGTON PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: ALL

ER THAN OR EQUAL TO 60%	70%	80%	90%	MEAN	TOTAL OBS
76.5	65.6	56.9	15.5	80.1	10956
97.9	89.7	64.0	21.5	82.0	10955
97.1	86.6	59.4	18.3	80.8	10953
61.3	58.2	33.1	9.3	72.0	10955
57.1	35.5	17.5	4.7	63.1	10959
52.4	34.3	18.1	5.2	61.0	10956
69.0	50.5	29.7	9.9	68.0	10956
89.1	72.3	44.0	13.1	76.1	10956
80.1	64.1	40.3	12.2	72.9	87646

PPPPPPP AAAAAA RRRRRRR IIIIIIIIII FFFFFFFF
PPPPPPPP AAAAAAAA RRRRRRRR IIIIIIIIII FFFFFFFF
PP PP AA AA RR RR II FF
PP PP AA AA RR RR II FF
PPPPPPPP AA AA RRRRRRRR II FFFFFF
PPPPPPP AAAAAAAAAA RRRRRRR II FFFFFF
PP AAAAAAAAAA RR RR II FF
PP AA AA RR RR II FF
PP AA AA RR RR II FF
PP AA AA RR RR II FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARI

- 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 OBSERVATIO 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).

P B

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN M
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON P
LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL
0100	MEAN	1019.0	1016.8	1016.4	1017.7	1017.8	1017.8	1017.8
	SD	9.658	9.424	8.474	6.805	5.055	4.430	3.365
	TOT OBS	310	283	310	300	310	300	310
0400	MEAN	1019.1	1016.6	1016.2	1017.6	1017.7	1017.9	1018.0
	SD	9.635	9.514	8.537	6.754	5.143	4.559	3.400
	TOT OBS	310	283	310	300	309	300	310
0700	MEAN	1019.0	1016.7	1016.6	1018.0	1018.2	1018.4	1018.6
	SD	9.611	9.494	8.617	6.851	5.218	4.636	3.459
	TOT OBS	310	283	310	300	310	300	310
1000	MEAN	1019.7	1017.3	1017.1	1018.2	1018.2	1018.3	1018.6
	SD	9.523	9.412	8.547	6.808	5.166	4.616	3.427
	TOT OBS	310	283	310	300	310	300	310
1300	MEAN	1019.3	1016.8	1016.5	1017.5	1017.7	1017.9	1018.1
	SD	9.337	9.255	8.294	6.748	5.139	4.503	3.474
	TOT OBS	310	283	310	300	310	300	310
1600	MEAN	1018.5	1016.3	1015.7	1016.7	1017.0	1017.3	1017.3
	SD	9.321	9.152	8.148	6.714	5.056	4.445	3.484
	TOT OBS	309	283	310	300	309	299	310
1900	MEAN	1018.7	1015.4	1015.9	1016.6	1017.0	1017.1	1017.1
	SD	9.385	9.155	8.075	6.658	4.922	4.391	3.350
	TOT OBS	310	283	310	300	309	300	310
2200	MEAN	1018.9	1015.7	1016.5	1017.4	1017.8	1017.7	1017.8
	SD	9.532	9.257	8.230	6.743	4.929	4.375	3.285
	TOT OBS	310	293	310	300	309	300	310
ALL HOURS	MEAN	1019.0	1015.7	1016.4	1017.4	1017.7	1017.8	1017.9
	SD	9.513	9.338	8.389	6.781	5.098	4.515	3.445
	TOT OBS	2479	2264	2480	2400	2475	2399	2480

A

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1017.8	1017.9	1017.8	1017.0	1017.0	1018.5	1017.0	1018.5	1017.6
5.055	4.430	3.365	3.546	5.001	6.866	9.037	9.644	7.192
310	300	310	310	300	310	300	310	3653
1017.7	1017.9	1018.0	1017.2	1017.0	1018.4	1016.8	1018.6	1017.6
5.143	4.569	3.400	3.582	5.072	6.874	9.365	9.517	7.250
309	300	310	310	300	310	300	310	3652
1018.2	1018.4	1018.6	1017.9	1017.6	1018.5	1016.8	1018.7	1017.9
5.218	4.636	3.459	3.656	5.220	7.001	9.585	9.442	7.304
310	300	310	310	300	310	300	310	3653
1018.2	1018.3	1018.6	1017.9	1017.8	1019.1	1017.4	1019.5	1018.3
5.166	4.515	3.427	3.643	5.331	7.069	9.537	9.563	7.292
310	300	310	310	300	310	300	310	3653
1017.7	1017.9	1018.1	1017.2	1017.1	1018.4	1016.8	1018.7	1017.6
5.139	4.503	3.474	3.602	5.228	6.929	9.138	9.634	7.156
310	300	310	310	300	310	300	310	3653
1017.0	1017.3	1017.3	1016.3	1016.4	1017.8	1016.5	1018.5	1017.0
5.056	4.445	3.484	3.576	5.037	6.686	8.795	9.728	7.078
309	299	310	310	300	310	300	310	3650
1017.0	1017.1	1017.1	1016.0	1016.5	1018.0	1016.6	1018.6	1017.0
4.922	4.331	3.350	3.525	4.931	6.714	8.935	9.732	7.061
309	300	310	309	300	310	300	310	3651
1017.8	1017.7	1017.8	1016.7	1017.0	1018.3	1016.7	1018.8	1017.5
4.923	4.375	3.285	3.538	4.924	6.835	8.962	9.768	7.126
309	300	310	310	300	310	300	310	3652
1017.7	1017.8	1017.9	1017.0	1017.0	1018.4	1016.8	1018.7	1017.6
5.098	4.515	3.445	3.649	5.113	6.871	9.165	9.634	7.195
2476	2399	2480	2479	2406	2480	2400	2480	29217

OPERATING LOCATION "A" — ALTIMETER SETTING I
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JU
0100	MEAN	30.08	30.02	30.01	30.05	30.05	30.06	30.
	SD	.284	.276	.249	.199	.148	.130	.0
	TOT OBS	310	283	310	300	310	300	3
0400	MEAN	30.08	30.01	30.00	30.05	30.05	30.06	30.
	SD	.283	.279	.254	.138	.151	.133	.1
	TOT OBS	310	283	310	300	309	300	3
0700	MEAN	30.08	30.01	30.01	30.06	30.06	30.07	30.
	SD	.283	.279	.253	.200	.153	.136	.1
	TOT OBS	310	283	310	300	310	300	3
1000	MEAN	30.10	30.03	30.03	30.06	30.06	30.07	30.
	SD	.279	.276	.251	.200	.151	.136	.1
	TOT OBS	310	283	310	300	310	300	3
1300	MEAN	30.08	30.02	30.01	30.04	30.05	30.06	30.
	SD	.276	.271	.244	.198	.151	.132	.1
	TOT OBS	310	283	310	300	310	300	3
1600	MEAN	30.07	30.00	29.99	30.02	30.03	30.04	30.
	SD	.273	.268	.240	.197	.148	.130	.1
	TOT OBS	310	283	310	300	309	299	3
1900	MEAN	30.07	30.01	30.00	30.01	30.03	30.03	30
	SD	.275	.269	.238	.195	.145	.128	.1
	TOT OBS	310	283	310	300	309	300	3
2200	MEAN	30.08	30.02	30.01	30.04	30.05	30.05	30
	SD	.279	.272	.242	.198	.144	.128	.1
	TOT OBS	310	283	310	300	309	300	3
ALL HOURS	MEAN	30.08	30.02	30.01	30.04	30.05	30.06	30
	SD	.279	.274	.247	.199	.149	.132	.1
	TOT OBS	2480	2264	2480	2400	2476	2399	2

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

B WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
30.05	30.06	30.06	30.03	30.03	30.07	30.03	30.07	30.05
.148	.130	.099	.104	.147	.202	.266	.282	.211
310	300	310	310	300	310	300	310	3653
30.05	30.06	30.06	30.04	30.03	30.07	30.02	30.07	30.05
.151	.133	.100	.105	.149	.203	.275	.279	.213
309	300	310	310	300	310	300	310	3652
30.06	30.07	30.08	30.06	30.05	30.08	30.02	30.07	30.06
.153	.135	.101	.107	.153	.206	.281	.277	.214
310	300	310	310	300	310	300	310	3653
30.06	30.07	30.08	30.06	30.05	30.09	30.04	30.10	30.07
.151	.136	.101	.106	.156	.208	.281	.280	.214
310	300	310	310	300	310	300	310	3653
30.06	30.06	30.07	30.04	30.04	30.07	30.02	30.07	30.05
.151	.132	.101	.105	.154	.200	.268	.283	.210
310	300	310	310	300	310	300	310	3653
30.03	30.04	30.04	30.01	30.01	30.05	30.01	30.07	30.03
.148	.130	.102	.104	.148	.196	.259	.285	.208
309	299	310	310	300	310	300	310	3651
30.03	30.03	30.03	30.00	30.02	30.06	30.01	30.07	30.03
.145	.128	.098	.104	.144	.197	.259	.285	.207
309	300	310	310	300	310	300	310	3652
30.05	30.05	30.06	30.02	30.03	30.07	30.02	30.08	30.04
.144	.128	.096	.105	.144	.201	.263	.286	.209
309	300	310	310	30	310	300	310	3652
30.05	30.06	30.06	30.03	30.03	30.07	30.02	30.08	30.05
.149	.132	.101	.107	.150	.202	.269	.282	.211
2475	2399	2480	2480	2400	2480	2400	2480	29219

B

OPERATING LOCATION "A" — STATION PRESSURE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBS

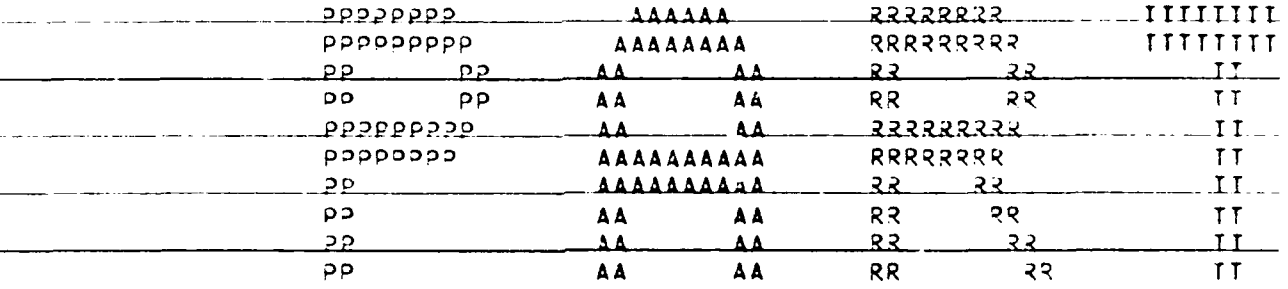
STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JL
0100	MEAN	29.73	29.67	29.66	29.70	29.70	29.71	29.
	SD	.281	.274	.248	.198	.147	.129	.(
	TOT OBS	310	283	310	300	310	300	3
0400	MEAN	29.73	29.66	29.65	29.70	29.70	29.71	29.
	SD	.280	.277	.253	.197	.150	.133	.(
	TOT OBS	310	283	310	300	309	300	3
0700	MEAN	29.73	29.66	29.66	29.71	29.71	29.72	29.
	SD	.280	.277	.252	.199	.152	.136	.(
	TOT OBS	310	283	310	300	310	300	3
1000	MEAN	29.75	29.68	29.68	29.71	29.71	29.72	29
	SD	.276	.274	.250	.199	.150	.135	.
	TOT OBS	310	283	310	300	310	300	3
1300	MEAN	29.73	29.67	29.66	29.69	29.70	29.71	29
	SD	.273	.269	.243	.197	.150	.132	.
	TOT OBS	310	283	310	300	310	300	3
1600	MEAN	29.72	29.65	29.64	29.67	29.68	29.69	29
	SD	.271	.267	.239	.196	.148	.130	.
	TOT OBS	310	283	310	300	309	299	3
1900	MEAN	29.72	29.66	29.65	29.66	29.68	29.68	29
	SD	.273	.267	.237	.195	.144	.128	.
	TOT OBS	310	283	310	300	309	300	3
2200	MEAN	29.73	29.66	29.66	29.69	29.70	29.70	29
	SD	.276	.270	.241	.196	.144	.128	.
	TOT OBS	310	283	310	300	309	300	3
ALL HOURS	MEAN	29.73	29.67	29.66	29.69	29.70	29.70	29
	SD	.276	.272	.245	.198	.149	.132	.
	TOT OBS	2430	2264	2480	2400	2476	2399	2

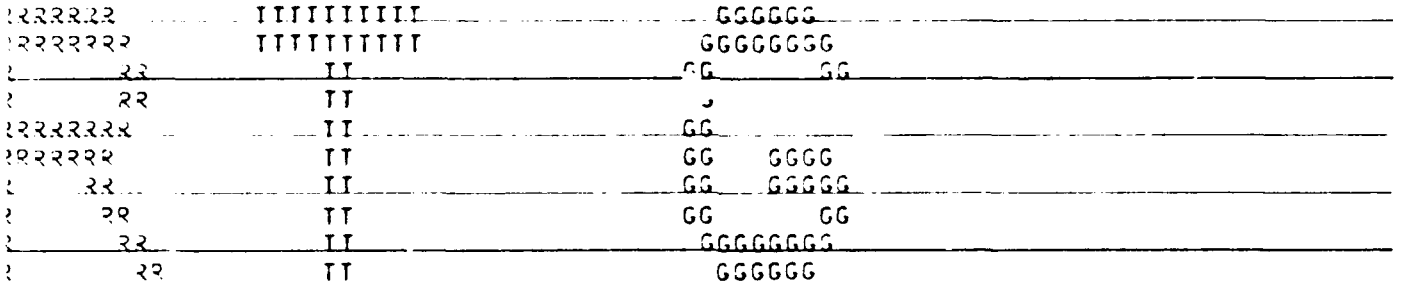
STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

FB WASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88

MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
29.70	29.71	29.71	29.68	29.68	29.72	29.67	29.72	29.70
.147	.129	.098	.104	.147	.200	.264	.280	.210
310	300	310	310	300	310	300	310	3653
29.70	29.71	29.71	29.69	29.68	29.72	29.67	29.72	29.70
.150	.133	.099	.105	.149	.201	.274	.276	.212
309	300	310	310	300	310	300	310	3652
29.71	29.72	29.73	29.71	29.70	29.73	29.67	29.72	29.70
.152	.135	.101	.107	.152	.204	.279	.274	.213
310	300	310	310	300	310	300	310	3653
29.71	29.72	29.73	29.71	29.70	29.74	29.69	29.75	29.71
.150	.135	.100	.106	.156	.206	.278	.277	.212
310	300	310	310	300	310	300	310	3653
29.70	29.71	29.72	29.69	29.69	29.72	29.67	29.72	29.70
.150	.132	.101	.105	.154	.199	.265	.280	.209
310	300	310	310	300	310	300	310	3653
29.68	29.69	29.69	29.66	29.66	29.70	29.66	29.72	29.68
.148	.130	.102	.104	.148	.195	.257	.283	.205
309	299	310	310	300	310	300	310	3651
29.68	29.68	29.68	29.65	29.67	29.71	29.66	29.72	29.68
.144	.128	.098	.104	.144	.196	.258	.283	.206
309	300	310	310	300	310	300	310	3652
29.70	29.70	29.71	29.67	29.68	29.72	29.67	29.72	29.69
.146	.128	.096	.105	.144	.199	.261	.284	.208
309	300	310	310	300	310	300	310	3652
29.70	29.70	29.71	29.68	29.68	29.72	29.67	29.72	29.69
.149	.132	.101	.107	.150	.201	.268	.280	.210
2476	2399	2480	2480	2400	2480	2400	2480	29219


PPPPPPPP AAAAAA RRRRRRRR IIIIIIII
PPPPPPPPP AAAAAAAA RRRRRRRRR IIIIIIII
PP PP AA AA RR RR II
PP PP AA AA RR RR II
PPPPPPPPP AA AA RRRRRRRRR II
PPPPPPPP AAAAAAAAAA RRRRRRRR II
PP AAAAAAAAAA RR RR II
PP AA AA RR RR II
PP AA AA RR RR II
PP AA AA RR RR II

A



G - 1 - 1

B

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 SPE 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.

A B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATI

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (

CATEGORY B: HIGHEST WINDS REPORTED WITH

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930
CATEGORY B	.3			1284	.2	.1		1305

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.1		930				930
CATEGORY B	1.8	.5	.1	1308	.8	.2		1194

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		4650
CATEGORY B	1.1	.3	.0	5353

A

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-360

ASHINGTON

PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: JAN

G OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

300 - 0500					0600 - 0800					0900 - 1100				
O	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930	.1			930	.3			930
1		1305	.8	.2		1297	1.2	.5	.2	1321

500 - 1700					1800 - 2000					2100 - 2300				
O	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930	.1	.1		930	.3	.3	.1	930
2		1194	.7	.2		1233	.9	.5	.4	1278

OO ALL HOURS

5	OBS	GE15	GE20	GE25	OBS
	4650	.1	.1	.0	7440
O	6353	.9	.3	.1	10221

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATION

STATION NUMBER: 742060 — STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HJ

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.1		849	.5	.2		849
CATEGORY B	.7	.5	.4	1126	.5	.4	.2	1136

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.4			849	.2			849
CATEGORY B	2.4	.5	.1	1129	1.8	.5	.1	1067

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2			4245
CATEGORY B	1.3	.4	.1	5687

A

ENCY OF OCCURRENCE OF CROSSWINDS
ON HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: FEB

NDS OR VISIBILITY (HOURLY OBS ONLY)

WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500			0600 - 0800				0900 - 1100			
GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
.2		849	.2			849	.1			849
.4	.2	1136	.6	.2	.2	1250	1.1	.5	.2	1193

1500 - 1700			1800 - 2000				2100 - 2300			
GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		849	.1			849				849
.3	.1	1067	.9	.1		1048	.7	.1	.1	1090

2000 ALL HOURS

GE25	OBS	GE15	GE20	GE25	OBS
	4245	.2	.0		6792
.1	5687	1.1	.4	.1	9039

B

G - 2 - 2

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.1			930
CATEGORY B	.3			1136	.4	.2		1222

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.5			930	.6	.1		930
CATEGORY B	3.6	1.6	.2	1218	3.8	1.1	.3	1171

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		4650
CATEGORY B	2.0	.7	.1	6046

ICY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 78 - MAY 86
MONTH: MAR

G OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500			0600 - 0800				0900 - 1100			
0	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930				930	.4			930
.2		1222	.1			1230	1.4	.4		1254

1500 - 1700			1800 - 2000				2100 - 2300			
0	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
1		930	.1	.1		930				930
.1	.3	1171	.9	.3		1123	.4	.2		1074

000		ALL HOURS			
25	OBS	GE15	GE20	GE25	OBS
	4650	.2	.0		7440
.1	6046	1.4	.5	.1	9478

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (NOT

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900
CATEGORY B	.1			1030	.1	.1	.1	1154

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.9	.1		900	.9	.1		900
CATEGORY B	4.4	1.7	.2	1131	4.9	1.6	.4	1120

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.4	.0		4500
CATEGORY B	2.4	.9	.2	5611

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: APR

S OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

300 - 0500			0600 - 0800				0900 - 1100			
) GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	900					900				900
1 .1	1154		.3	.1		1147	1.7	.6	.1	1131

500 - 1700			1800 - 2000				2100 - 2300			
) GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
1	900		.3			900	.1			900
.5 .4	1120		.7	.4	.3	1082	.2	.1		1031

000		ALL HOURS			
25	OBS	GE15	GE20	GE25	OBS
	4500	.3	.0		7200
.2	5611	1.6	.6	.1	8826

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B	.1	.1		1052				1129	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	(
CATEGORY A	.9			930	.9	.1		928	
CATEGORY B	2.6	1.3	.2	1127	3.5	1.3	.1	1128	

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.5	.0		4645
CATEGORY B	.8	.7	.1	5648

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: MAY

G OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

300 - 0500			0600 - 0800				0900 - 1100			
) GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	930					930	.4			930
	1129		.2	.1		1152	1.4	.5	.1	1173

500 - 1700			1800 - 2000				2100 - 2300			
0 GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
1	928		.2			927				927
.3	.1 1128		1.1	.2		1068	.1			1032

000 ALL HOURS

25	OBS		GE15	GE20	GE25	OBS
	4645		.3	.0		7432
.1	5648		1.2	.5	.0	8851

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF C
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (MODE

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE
CATEGORY A				900				900	
CATEGORY B				1028				1048	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A	.1			900	.2			900	
CATEGORY B	1.8	.3	.1	1093	1.6	.2	.1	1048	

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4500
CATEGORY B	.9	.1	.0	5273

NCY OF OCCURRENCE OF CROSSWINDS
M HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: JUN

NG OR VISIBILITY (HDD OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES & SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
20	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900					900				900
		1043					1080	.7	.1		1074

1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900					900				900
.2	.1	1048		.3			988				979

000			ALL HOURS			
25	OBS		GE15	GE20	GE25	OBS
	4500		.0			7200
.0	5273		.6	.1	.0	8363

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930				930
CATEGORY B				1012				1157

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				930	.1			930
CATEGORY B	.2			1047	1.4	.4		1017

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4550
CATEGORY B	.5	.1		5354

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 79 - MAY 88
MONTH: JUL

G OF VISIBILITY (HOURLY OBS ONLY)

OBS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500

20	GE25	OBS	GE15	GE20	GE25	OBS
		930				930
		1157				1183

0600 - 0800

GE15	GE20	GE25	OBS
			930
.3			1103

0900 - 1100

GE15	GE20	GE25	OBS
			930
			996

1500 - 1700

20	GE25	OBS	GE15	GE20	GE25	OBS
		930				930
.4		1017	.2			1004

1800 - 2000

GE15	GE20	GE25	OBS
			930
			1004

2100 - 2300

GE15	GE20	GE25	OBS
			930
			996

300

ALL HOURS

25	OBS	GE15	GE20	GE25	OBS
	4550	.0			7440
	3354	.3	.0		8519

3 - 2 - 7

B

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF (
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HCU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B				1022				1177	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930				930	
CATEGORY B	.6			1025	1.1	.1		1012	

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A				4550
CATEGORY B	.3	.0		5379

A

...Y OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

...SHINGTON

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: AUG

...R VISIBILITY (HOURLY OBS ONLY)

...OBS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

...00 - 0600			0600 - 0800			0900 - 1100			
...GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	930				930				930
	1177				1225				1115
...00 - 1700			1800 - 2000			2100 - 2300			
...GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
	930				930				930
1	1012	.1			1002	.1			983

...00		ALL HOURS			
...5	OBS	GE15	GE20	GE25	OBS
	4550				7440
	5379	.2	.0		8561

B

OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATION

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (M)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900
CATEGORY B	.2			1076				1235

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.2			900				900
CATEGORY B	1.0	.3		1071	1.4			1073

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4500
CATEGORY B	.7	.1		5589

A

ICY OF OCCURRENCE OF CROSSWINDS
4 HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: SEP

S OR VISIBILITY (HOURLY OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES & SPECIALS)

0300 - 0500					0600 - 0800					0900 - 1100				
20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS				
		900				900				900				
		1235				1253	.6			1158				

1500 - 1700					1800 - 2000					2100 - 2300				
20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS				
		900				900				900				
		1073	.4			1034	.2			1017				

000			ALL HOURS											
25		OBS	GE15	GE20	GE25	OBS								
		4500	.0			7200								
		5089	.5	.0		8917								

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HJ)

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	C
CATEGORY A				930				930	
CATEGORY B	.2	.2		1261				1360	

TIME (LST)	1200 - 1400				1500 - 1700				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	C
CATEGORY A				930				930	
CATEGORY B	.3	.3		1160	.5			1094	

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4550
CATEGORY B	.3	.1		5114

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: OCT

S OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

300 - 0500				0600 - 0800				0900 - 1100			
0	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930					930	.1			930
		1360					1413	.3			1342

1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930					930				930
		1094		.2	.1		1105				1159

000			ALL HOURS			
25	OBS		GE15	GE20	GE25	OBS
	4550		.0			7440
	5114		.2	.1		9894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HO

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				900				900
CATEGORY B	.6	.2	.1	1234	.3	.1	.1	1295

TIME (LST)	1200 - 1400				1600 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			900				900
CATEGORY B	1.4	.6		1214	.5	.2	.1	1160

TIME (LST)	0500 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.1			4500
CATEGORY B	.6	.2	.1	5191

ENCY OF OCCURRENCE OF CROSSWINDS
M HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON — PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: NOV

NG OR VISIBILITY (HOURLY OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500			0600 - 0800				0900 - 1100			
E20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900				900				900
.1	.1	1295	.1	.1		1340	.7	.3	.2	1314

1500 - 1700			1800 - 2000				2100 - 2300			
:20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		900				900	.1			900
.2	.1	1160	.3	.1	.1	1163	.3	.2		1225

:000			ALL HOURS			
:25	OBS		GE15	GE20	GE25	OBS
	4500		.1			7200
.1	6191		.5	.2	.1	9945

b

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HOU

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500				
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	G
CATEGORY A				930	.1			930	
CATEGORY B	.6	.2		1295	.8			1314	

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3			930	.1			930
CATEGORY B	1.0	.3	.1	1240	1.1	.2	.2	1216

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		4650
CATEGORY B	.7	.2	.1	6291

CY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 150-340

ASHINGTON — PERIOD OF RECORD: JUN 78 - MAY 88
MONTH: DEC

G OR VISIBILITY (HOURLY OBS ONLY)

NDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

300 - 0500				0600 - 0800				0900 - 1100			
0	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930					930	.2			930
		1314		.2			1351	.4	.2	.2	1280

1500 - 1700				1800 - 2000				2100 - 2300			
0	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
		930		.1	.1		930				930
2	.2	1216		.7	.2	.1	1204	.5	.3		1263

000			ALL HOURS			
25	OBS		GE15	GE20	GE25	OBS
	4650		.1	.0		7440
.1	6291		.6	.2	.1	10163

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF
FROM HOURLY OBSERVATIONS

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

CATEGORY A: ANY CEILING OR VISIBILITY (HO

CATEGORY B: HIGHEST WINDS REPORTED WITHIN

TIME (LST)	0000 - 0200				0300 - 0500			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0	.0		10959	.1	.0		10959
CATEGORY B	.3	.1	.0	13556	.2	.1	.0	14563

TIME (LST)	1200 - 1400				1500 - 1700			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.3	.0		10959	.3	.0		10957
CATEGORY B	1.9	.5	.1	13753	1.9	.5	.1	13300

TIME (LST)	0600 - 2000			
SPEED KTS	GE15	GE20	GE25	OBS
CATEGORY A	.2	.0		54790
CATEGORY B	1.0	.3	.1	59536

ICY OF OCCURRENCE OF CROSSWINDS
HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 160-340

ASHINGTON

PERIOD OF RECORD: JUN 73 - MAY 88
MONTH: ALL

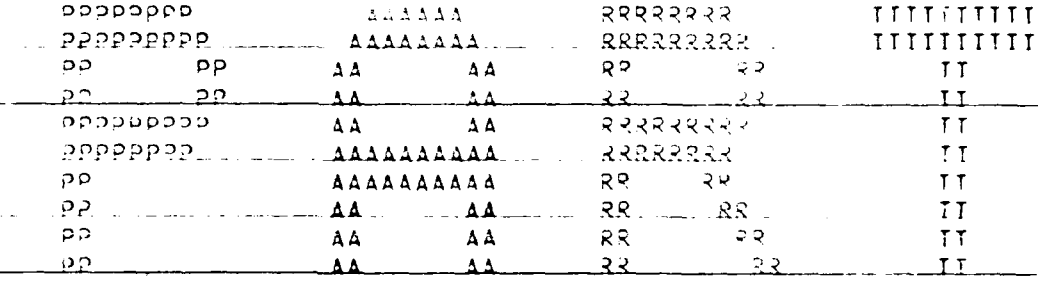
G OR VISIBILITY (HOURLY OBS ONLY)

INDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
20	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
.0		10959		.0			10959	.1			10959
.1	.0	14563		.2	.1	.0	14971	.8	.3	.1	14458

1500 - 1700				1800 - 2000				2100 - 2300			
20	GE25	OBS		GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
.0		10957		.1	.0		10956	.0	.0	.0	10956
.5	.1	13300		.5	.1	.0	13054	.3	.1	.0	13127

000			ALL HOURS			
25	OBS		GE15	GE20	GE25	OBS
	54790		.1	.0	.0	87664
.1	69536		.7	.2	.1	110787



H - 1 - 1

H - 1 - 1

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.
CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN
THE NUMBER OF DEGREE DAYS FOR EACH MONTH IN EACH

INCLUDED BENEATH EACH SUMMARY ARE STATISTICS BASE
POR (IF AVAILABLE). THE 30-YEAR POR PROVIDES AWS
CONSISTENT WITH OTHER STANDARD CLIMATIC PUBLICATI
OF THE NATIONAL CLIMATIC DATA CENTER (NCDC). NOT
CHANGE TO 1961-1990 AS SOON AS DATA FOR DECEMBER

MONTHS WITH NO AVAILABLE DATA AND MONTHS WITH A V
IN THESE TABLES. ASTERISKS (****) DENOTE AN INCO
CANNOT BE CALCULATED (FILLED IN) AUTOMATICALLY.

HEATING DEGREE DAYS.
ONE "HEATING DEGREE DAY" IS ASSIGNED TO REPRESENT
MEAN TEMPERATURE FALLS BELOW A DESIGNATED "BASE
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATURE
THAT DAY IS SAID TO HAVE 8 HEATING DEGREE DAYS.

COOLING DEGREE DAYS.
ONE "COOLING DEGREE DAY" IS ASSIGNED TO REPRESENT
TEMPERATURE RISES ABOVE A DESIGNATED "BASE TEMPE
FAHRENHEIT. FOR EXAMPLE, IF THE MEAN TEMPERATUR
DEGREES, THAT DAY IS SAID TO HAVE 9 COOLING DEGRE

65 DEGREES FAHRENHEIT HAS BEEN SELECTED AS THE NATI
"BASE TEMPERATURE" AT WHICH (AT LEAST THEORETICAL
COOLING IS REQUIRED. IF ANOTHER BASE TEMPERATURE
TABLES, IT WAS SPECIALLY REQUESTED BY THE STATIO

D

PART H

E DAY SUMMARIES

TIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE
OR EACH MONTH IN EACH YEAR OF THE AVAILABLE PERIOD OF RECORD.

RY ARE STATISTICS BASED ON A 30-YEAR (1951-1980)
-YEAR POR PROVIDES AWS USERS WITH A SUMMARY
ARD CLIMATIC PUBLICATIONS, NOTABLY THOSE
TA CENTER (NCDC). NOTE THAT THE 30-YEAR POR WILL
AS DATA FOR DECEMBER 1980 HAS BEEN PROCESSED.

TA AND MONTHS WITH A VALUE OF ZERO APPEAR AS BLANKS
(****) DENOTE AN INCOMPLETE MONTH WITH A DAY (OR DAYS) THAT
D IN) AUTOMATICALLY.

ASSIGNED TO REPRESENT EACH DEGREE THAT THE
A DESIGNATED "BASE TEMPERATURE" OF 65 DEGREES*
F THE MEAN TEMPERATURE ON A GIVEN DAY IS 57 DEGREES,
HEATING DEGREE DAYS.

ASSIGNED TO REPRESENT EACH DEGREE THAT THE
SIGNATED "BASE TEMPERATURE" OF 65 DEGREES*
IF THE MEAN TEMPERATURE FOR A GIVEN DAY IS 73
D HAVE 8 COOLING DEGREE DAYS.

N SELECTED AS THE NATIONWIDE STANDARD
(AT LEAST THEORETICALLY) NO HEATING OR
OTHER BASE TEMPERATURE IS USED IN THESE
SUPPLIED BY THE STATION, AND IS NOTED.

D

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAY
FROM HOURLY OBSERV

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL
1940							
1941	729	591	481	****	****	141	13
1942	839	657	654	410	315	194	24
1943	864	617	673	383	349	174	59
1944	764	693	674	455	315	173	50
1945	723	615	555	520	235	196	42
1946	758	****	635	475	216	198	52
1947	906	584	557	413	222	154	50
1948	826	713	633	555	337	104	88
1949	1124	748	605	446	243	192	96
1950	1196	673	681	532	359	144	51
1951	822	626	744	430	293	104	35
1952	851	698	662	458	306	210	52
1953	570	536	635	485	329	210	50
1954	852	586	701	518	305	247	124
1955	763	721	775	606	390	194	140
1956	809	838	740	477	270	242	83
1957	1011	719	636	419	213	129	96
1958	678	484	571	467	180	78	10
1959	758	679	554	466	380	164	62
1960	820	685	659	479	381	181	62
1961	690	584	618	529	352	112	44
1962	797	614	696	441	434	204	109
1963	881	522	700	511	345	224	124
1964	716	697	557	565	407	234	131
1965	792	659	678	500	403	165	60

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

WASHINGTON PERIOD OF RECORD: AUG 40 - MAY 98

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		34	****	****	****	708	742
141	13	59	228	386	557	729	3914
194	28	36	138	371	647	678	4967
176	59	68	132	378	595	819	5211
178	50	69	132	313	601	860	5124
196	42	51	235	396	609	780	5057
198	52	53	177	488	724	767	4553
154	60	80	178	400	631	713	4898
104	88	100	235	459	667	899	5666
192	96	79	163	529	467	803	5495
144	51	40	181	436	595	574	5462
104	35	54	141	406	612	858	5135
210	52	71	142	314	704	718	5196
210	50	48	144	347	497	670	4631
247	124	106	167	439	478	749	5272
194	140	110	222	422	736	805	5890
242	83	95	234	466	686	752	5692
129	96	92	82	437	668	676	5178
78	10	27	191	384	643	634	4447
164	62	100	228	417	650	734	5352
181	62	125	241	406	671	828	5541
112	44	20	254	491	711	742	5147
204	109	103	165	365	574	717	5219
224	124	73	103	343	610	715	5251
234	131	143	282	445	679	906	5362
165	60	61	295	343	505	769	5236

1966	742	641	652	487	382	215	84	62
1967	690	617	706	571	325	94	49	25
1968	780	567	464	504	300	133	50	105
1969	984	699	593	452	217	74	80	92
1970	737	556	606	526	305	106	42	50
1973	302	577	562	435	254	144	52	155
1974	777	594	592	533	476	197	84	37
1975	791	669	705	603	330	212	60	126
1976	682	686	724	497	353	237	73	115
1977	870	544	707	433	419	121	112	57
1978	691	547	562	496	369	100	53	53
1979	995	684	598	483	286	150	57	41
1980	951	634	670	442	373	254	105	134
1981	677	596	556	487	353	237	110	2
1982	792	665	681	574	365	141	87	9
1983	663	537	530	485	287	217	149	7
1984	692	609	537	498	409	215	66	7
1985	946	725	711	515	363	147	9	4
1986	625	617	496	505	320	109	126	1
1987	787	568	548	429	211	103	54	4
1988	807	605	600	443	280			
MEAN	808	635	637	487	323	169	71	7
SD	124.85	68.76	71.82	51.34	57.52	50.43	34.55	34.4

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

MEAN	802	634	555	493	334	170	74	8
SD	107.35	75.06	66.20	50.16	69.62	56.06	32.62	37.5

215	84	63	137	435	569	633	5041
34	49	25	105	357	592	752	4884
183	50	105	197	482	519	857	5108
74	80	92	202	533	657	735	5318
105	42	50	215	432	581	758	4964
144	52	155	178	420	646	654	4879
197	84	37	66	375	509	654	4904
212	60	126	159	396	580	687	5318
237	73	116	155	406	595	715	5240
121	112	57	226	330	675	775	5328
100	53	51	201	379	769	934	5152
150	57	48	122	363	671	641	5093
254	105	134	195	385	510	570	5223
237	110	27	141	441	522	693	4345
141	87	99	229	467	747	817	5664
217	149	71	244	456	508	890	5037
215	86	70	153	487	626	814	5176
147	9	43	223	413	355	866	5722
109	126	18	220	360	595	777	4768
103	54	41	112	327	524	805	4509
							2735
159	71	72	181	410	619	754	
50.43	34.55	34.46	52.60	53.23	82.74	86.00	

JMMATION (1951 -1980)****

170	74	82	180	406	621	739
56.06	32.62	37.57	57.74	49.65	75.73	85.90

H - 2 - 1A

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVAT

STATION NUMBER: 742060 STATION NAME: MCCHORD AFB WASHINGTON
LST TO UTC: + 8

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	A
1940								
1941				****	****	7	133	
1942						19	88	1
1943						3	40	
1944					2	14	53	
1945						5	60	
1946		****				5	47	
1947					10		20	
1948					1	35	23	
1949						4	32	
1950						29	39	
1951					2	37	60	
1952					3	1	52	
1953					6		31	
1954							5	
1955						18	11	
1956					16	3	55	
1957					2	4	6	
1958					14	54	131	
1959						9	74	
1960						3	77	
1961					1	29	58	
1962						3	52	
1963					17	11	1	
1964					3	1	9	
1965						3	55	

A

COOLING DEGREE DAYS
ROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

ASHINGTON PERIOD OF RECORD: AUG 40 - MAY 88

JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		49	****	****	****		49
7	133	52					192
19	88	115					222
3	40	17	13				78
14	53	24	21				114
5	60	40	1				106
5	47	35	3				90
	20	15	9				54
35	23	11	8				78
4	32	22	16				74
29	39	56	9				133
37	60	16	12				127
1	52	55	8				119
	31	28	9				74
	5	11	3				19
13	11	3	16				53
3	55	27	1				102
4	6	2	17				31
54	131	64	11				274
9	74	6					89
3	77	34					114
29	58	66	2				156
3	52	6	1				62
11	1	12	21	4			66
1	8	4					16
3	55	32					90

B

1966		4	12	2
1967	2	20	23	10
1968		10	77	2
1969	13	56	13	1
1970		50	69	3
1973	12	29	63	1
1974		3	34	7
1975		8	42	
1976		2	13	
1977		7	11	11
1978		45	50	5
1979		6	75	1
1980			13	1
1981		1	24	12
1982		26	34	2
1983	15		5	
1984		2	34	2
1985		3	112	4
1986	10	12	3	1
1987	17	35	39	4
1988	5			
MEAN	3	13	43	
SD	5.56	15.87	32.43	32.
****SPL 30YR SUMMATION (1951 -1980				
MEAN	3	14	41	
SD	5.53	17.96	31.21	30.

A

4	12	23			39
20	23	102	14		161
10	77	25	4		116
56	13	19	6		107
50	69	34			153
29	63	10	7		121
3	34	71	50		158
3	42	4	4		58
2	13	6	3		24
7	11	115	2		135
45	50	55	2		152
5	75	13	9		104
	13	10			23
1	24	127	23		175
26	34	21	8		89
	5	4			24
2	34	25	8	2	71
3	112	43			164
12	3	100	15		140
35	39	67	23	2	183
					6
13	43	36	7	0	
15.87	32.43	32.91	9.50	.72	

MMATION (1951 -1980)****

14	41	30	7	0
17.96	31.21	30.03	10.30	.76

H - 3 - 1A

A W S CLIMATIC BRIEF

STATION NAME: MCCHORD AFB WASHINGTON
LATITUDE/LONGITUDE: 47 08 N 122 29 W
HOURLY OBS POR: JUN 78 - MAY 88
SUMMARY OF DAY POR: AUG 40-MAY 88
HOURS SUMMARIZED: 0000 - 2300 LST
JUL 88 LST TO UTC: +08

MONTH	JAN	FEB	MAR	APR	MAY	JUN
EXTRM MAX TEMP (F)	63	72	74	83	94	99
MEAN MAX TEMP (F)	44.3	49.1	52.2	57.4	64.0	69.0
MEAN TEMP (F)	38.5	42.1	44.1	48.4	54.4	59.5
MEAN MIN TEMP (F)	32.4	34.7	35.6	39.0	44.5	49.6
EXTRM MIN TEMP (F)	-6	-1	12	27	27	35
D/W TEMP GE 80 (F)	0	0	0	#	2	3
D/W TEMP GE 75 (F)	0	0	0	1	4	7
D/W TEMP LT 33 (F)	15	10	10	3	1	0
D/W TEMP LT 25 (F)	5	1	1	0	0	0
HEATING DEGREE DAYS	808	635	637	487	323	169
COOLING DEGREE DAYS					3	13
MEAN DEWPOINT TEMP (F)	32.4	35.1	36.4	38.0	42.8	47.6
MEAN WET BULB TEMP (F)	36.4	39.2	41.2	43.6	48.4	53.1
99.95% WCPA (FT)	1000	1050	1000	800	650	600
MEAN REL HUM 07 LST(%)	81.4	82.2	82.2	79.5	76.5	76.7
MEAN REL HUM 13 LST(%)	71.9	69.3	61.3	57.5	57.1	55.8
MAX 24HR PRECIP (IN)	2.52	2.75	2.28	1.78	1.36	1.71
MAX PRECIP (IN)	12.37	10.37	7.00	5.65	4.78	4.43
MEAN PRECIP (IN)	5.76	4.32	3.79	2.70	1.90	1.53
MIN PRECIP (IN)	.44	1.38	.62	.25	.13	.13
D/W PRECIP GE .01 (IN)	19	16	17	14	11	9
D/W PRECIP GT .50 (IN)	4	2	2	1	1	1
MAX 24HR SNFL (IN)	8.4	7.5	4.5	.3	#	0
MAX SNFL (IN)	30.0	9.3	8.7	.3	#	0
MEAN SNFL (IN)	4.4	1.4	.3	#	#	0
D/W SNFL GE .1 (IN)	3	1	1	#	0	0
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0
MAX DLY SNO DEPTH (IN)	18	7	6	0	0	0
MEAN SFC WND DIR (DEG)	$180	$180	$180	$130	$210	$210
MEAN WND SPD (KTS)	3.1	3.9	3.8	4.2	3.4	3.4
MAX WND SPD (KTS)	56	49	56	49	39	40
SKY COVER GT 1/2 (%)	80.0	80.2	72.0	71.1	69.0	63.9
D/W THUNDERSTORMS	1	1	1	1	1	1
D/W FOG (VSBY LT 7 MI)	19	16	13	10	7	6

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
WCPA = WORST
# = LESS T
$ = PERCEN
HI

INSTLN
122 29.4
3
38
LST

FIELD ELEV: 323 FT
STATION MSC: 742060
CALL SIGN: KTCM

SUPERCEDES: APR 84

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
83	94	99	100	99	96	87	72	65	100	49
57.4	64.0	69.0	74.8	74.3	69.2	60.0	50.4	45.6	59.2	49
48.4	54.4	59.5	63.9	63.6	58.8	51.4	43.9	40.1	50.7	49
39.0	44.5	49.6	52.6	52.5	48.2	42.5	37.1	34.3	41.9	49
27	27	35	39	38	31	20	2	4	-6	49
#	2	3	9	7	3	1	0	0	24	49
1	4	7	15	14	7	1	0	0	49	49
3	1	0	0	0	#	2	8	12	61	49
0	0	0	0	0	0	#	1	3	11	49
487	323	169	71	72	181	410	619	754	5166	49
	3	13	43	36	7	#			102	49
38.0	42.8	47.6	51.6	51.9	48.6	43.1	37.1	32.9	41.5	10
43.0	48.4	53.1	56.5	57.0	53.0	47.0	40.5	36.7	46.1	10
800	650	600	500	550	700	800	1050	1050	350	10
79.3	76.5	76.7	79.7	80.9	82.7	83.0	83.0	81.1	80.3	10
57.5	57.1	55.8	57.3	55.4	59.1	65.0	72.4	73.4	63.1	10
1.78	1.36	1.71	1.32	1.51	1.67	3.05	3.49	2.37	3.49	49
5.65	4.78	4.43	2.60	5.43	5.12	8.05	11.53	10.55	51.24	49
2.70	1.90	1.63	.83	1.23	1.95	3.64	5.75	6.01	39.53	49
.25	.13	.13	#	#	#	.43	1.11	1.89	22.13	49
14	11	9	5	6	9	14	19	20	159	49
1	1	1	1	1	1	2	4	4	24	49
.3	#	0	0	0	0	1.2	9.4	6.9	9.4	42
.3	#	0	0	0	0	2.2	15.9	14.2	30.9	42
#	#	0	0	0	0	#	1.3	1.6	9.8	42
#	0	0	0	0	0	#	1	1	7	42
0	0	0	0	0	0	0	1	1	5	42
0	0	0	0	0	0	#	10	10	18	42
$190	$210	$210	$210	$210	$180	$180	$180	$180	$180	10
4.2	3.4	3.4	3.3	2.9	2.9	2.6	3.5	3.3	3.4	10
49	39	40	34	36	44	76	48	48	76	41
71.1	69.0	63.9	53.0	49.2	58.0	65.3	78.0	78.4	68.3	10
1	1	1	1	1	1	1	1	1	12	39
10	7	6	7	11	17	20	19	20	165	39

POR/YOR = PERIOD/YEARS OF RECORD
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUEN

	MONTH	JAN	FEB	MAR	APR	MAY	JUN
	LST						
	00 - 02	38.0	25.2	14.4	10.0	8.1	10.6
	03 - 05	38.4	27.8	23.4	15.9	18.5	20.2
CIG	06 - 08	36.8	32.7	25.7	18.4	20.6	22.6
LT 3000 FT	09 - 11	33.4	28.4	22.8	19.2	23.0	21.6
AND/OR	12 - 14	27.6	20.5	15.4	14.1	11.8	10.0
VSBY	15 - 17	21.3	17.6	11.5	10.9	8.2	6.2
LT 3 MI	18 - 20	23.3	15.1	11.0	8.6	6.9	4.6
	21 - 23	32.2	20.1	10.4	8.3	5.9	4.3
	ALL	31.4	23.4	16.9	13.2	12.9	12.5
	00 - 02	29.6	15.5	6.1	2.6	1.6	3.0
	03 - 05	29.0	17.8	12.5	6.0	5.4	5.3
CIG	06 - 08	28.3	21.9	14.5	9.6	7.5	7.2
LT 1500 FT	09 - 11	26.3	19.4	10.5	6.5	4.9	4.6
AND/OR	12 - 14	19.4	9.4	4.3	2.8	1.2	2.4
VSBY	15 - 17	13.3	6.1	3.3	1.7	1.4	.9
LT 3 MI	18 - 20	16.3	7.3	2.2	.8	1.8	1.6
	21 - 23	24.5	10.4	3.1	1.0	1.2	1.3
	ALL	23.3	13.5	7.1	3.9	3.1	3.3
	00 - 02	25.8	12.8	4.5	1.4	.5	1.6
	03 - 05	23.9	15.7	8.3	3.7	3.3	3.3
CIG	06 - 08	23.3	18.8	11.2	6.3	5.5	3.8
LT 1000 FT	09 - 11	21.6	15.1	5.9	3.7	2.3	1.6
AND/OR	12 - 14	15.1	6.1	1.0	.4	.6	1.0
VSBY	15 - 17	9.7	3.5	1.4	.2	.4	.8
LT 2 MI	18 - 20	12.8	4.8	1.1	.0	.5	1.0
	21 - 23	20.4	7.5	1.7	.4	.2	1.0
	ALL	19.1	10.6	4.4	2.0	1.7	1.7
	00 - 02	13.1	4.5	.9	.4	.0	.0
	03 - 05	13.2	7.9	2.5	1.1	.5	.2
CIG	06 - 08	12.3	8.5	4.8	1.5	.3	.0
LT 200 FT	09 - 11	8.9	4.6	1.5	.2	.0	.0
AND/OR	12 - 14	2.4	.2	.0	.0	.0	.0
VSBY	15 - 17	1.5	.2	.0	.0	.0	.0
LT 1/2 MI	18 - 20	4.4	1.3	.0	.0	.0	.0
	21 - 23	7.2	2.8	.0	.0	.0	.0
	ALL	7.9	3.8	1.2	.4	.2	.0

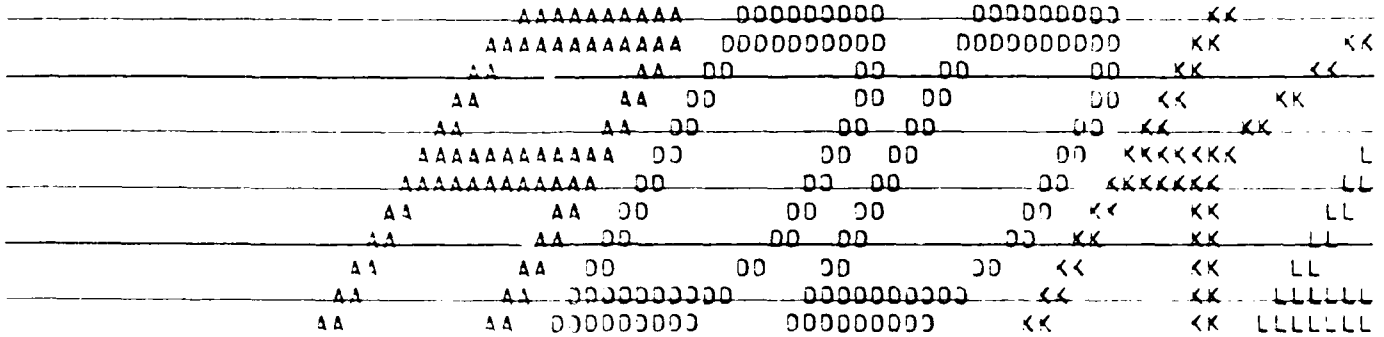
HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD 1965 - 1986:

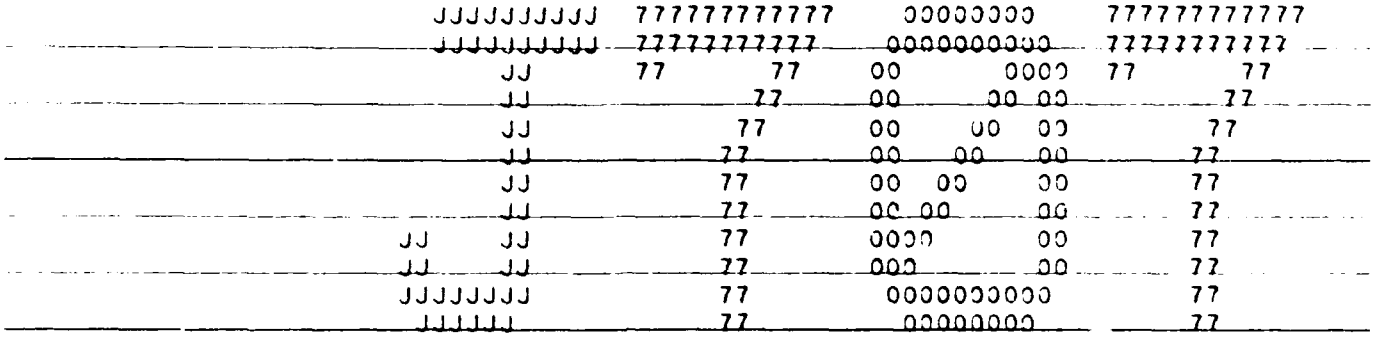
A

OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

R	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YDR
.0	3.1	10.6	11.5	11.0	14.8	26.9	32.3	33.3	19.7	10
.3	18.5	20.2	23.0	22.6	23.4	37.0	33.1	36.0	26.5	10
.4	20.6	22.5	31.8	31.2	31.9	42.5	30.9	34.0	30.0	10
.2	23.0	21.6	29.7	24.6	23.9	33.8	21.8	31.6	26.5	10
.1	11.8	10.0	11.1	11.5	12.6	16.9	20.6	27.5	16.6	10
.9	8.2	6.2	3.8	2.9	7.1	8.8	16.9	23.2	11.5	10
.5	6.9	4.6	3.9	3.1	8.1	10.8	20.8	25.2	11.8	10
.3	5.9	4.3	7.0	4.9	8.8	18.0	24.0	29.8	14.5	10
.2	12.9	12.5	15.2	14.0	16.3	24.3	25.8	30.1	19.7	10
.6	1.6	3.0	4.1	4.0	7.7	19.4	25.3	24.9	12.0	10
.0	5.4	5.3	11.5	12.0	15.2	29.0	26.7	26.1	16.4	10
.6	7.5	7.2	19.5	19.9	21.4	36.0	22.6	24.1	19.4	10
.5	4.3	4.6	9.6	10.9	12.3	25.1	19.0	21.1	14.2	10
.8	1.2	2.4	1.0	1.7	3.0	9.1	12.1	17.4	7.0	10
.7	1.4	.9	.8	.6	1.3	3.9	8.9	14.2	4.7	10
.8	1.8	1.6	.6	.5	2.0	5.3	12.4	17.0	5.6	10
.0	1.2	1.3	1.6	1.0	3.0	10.9	16.6	22.0	8.0	10
.9	3.1	3.3	5.1	5.3	8.2	17.3	17.9	20.9	10.9	10
.4	.5	1.6	.8	2.2	5.9	14.9	19.0	22.4	9.3	10
.7	3.3	3.3	7.1	9.2	11.4	24.8	21.0	21.0	12.7	10
.3	5.5	3.8	12.4	15.2	17.1	30.4	18.7	19.1	15.1	10
.7	2.3	1.6	3.2	6.5	8.1	20.9	14.7	16.1	10.0	10
.4	.6	1.0	.1	.5	1.6	5.5	8.3	13.9	4.5	10
.2	.4	.8	.6	.3	.8	1.5	6.2	11.4	3.1	10
.0	.5	1.0	.4	.1	1.0	3.1	9.1	13.3	3.9	10
.4	.2	1.0	.2	.6	1.6	7.7	12.9	19.7	6.2	10
2.0	1.7	1.7	3.1	4.3	5.9	13.6	13.7	17.1	8.1	10
.4	.0	.0	.0	.1	1.3	7.5	7.6	10.5	3.8	10
1.1	.5	.2	.5	.9	3.8	14.7	9.3	9.8	5.4	10
1.5	.8	.0	.6	2.0	6.6	17.8	9.1	10.9	6.2	10
.3	.0	.0	.0	.1	.3	6.1	5.6	8.1	2.9	10
.0	.0	.0	.0	.0	.0	.0	.8	3.5	.6	10
.0	.0	.0	.0	.0	.0	.0	.8	1.9	.4	10
.0	.0	.0	.0	.0	.0	.4	2.7	5.1	1.2	10
.0	.0	.0	.0	.0	.6	2.9	5.8	9.1	2.4	10
.4	.2	.0	.1	.4	1.6	6.2	5.2	7.5	2.9	10

100 1965 - 1986: NONE





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*A  END  JOB  707 ADDKLKJ  2        001 001 LOCAL    K.LYNN                  RC
*A  END  JOB  707 ADDKLKU  2        001 001 LOCAL    K.LYNN                  RC
*A  END  JOB  707 ADDKLKU  2        001 001 LOCAL    K.LYNN                  RC
*A  END  JOB  707 ADDKLKU  2        001 001 LOCAL    K.LYNN                  RC
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