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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

FORT YUKON, ALASKA

Prepared by

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



JUNE 1990

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USAF
ENVIRONMENTAL TECHNICAL
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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
14. SUBJECT TERMS: CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA, WEATHER, SOCS, FORT YUKON, ALASKA, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION, SNOW TEMPERATURE, VISIBILITY, WIND.
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PREFACE

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

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

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

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

CONTENTS

INTRODUCTION.....1
STATION PERIOD OF RECORD.....1
DATA SOURCES.....1
TERMS EXPLAINED.....1
TIME CONVENTIONS.....2
ABBREVIATIONS.....2
SUMMARY DESCRIPTIONS.....2

STATION HISTORY.....3

PART A - ATMOSPHERIC PHENOMENA SUMMARIES.....A-1-1
SPECIFIED PHENOMENA
PERCENT OCCURRENCE FREQUENCY (FROM HOURLY OBS).....A-2-1
PERCENT OCCURRENCE FREQUENCY (FROM SOD DATA).....A-3-1
PERCENT OCCURRENCE FREQUENCY (THUNDERSTORMS).....A-4-1
VERSUS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.....A-5-1

PART B - PRECIPITATION, SNOWFALL, AND SNOW DEPTH.....B-1-1
PRECIPITATION
PERCENT OCCURRENCE FREQUENCY.....B-2-1
MONTHLY TOTALS.....B-2-2
DAILY EXTREMES.....B-2-3
SNOWFALL
PERCENT OCCURRENCE FREQUENCY.....B-3-1
MONTHLY TOTALS.....B-3-2
DAILY EXTREMES.....B-3-3
SNOW DEPTH
PERCENT OCCURRENCE FREQUENCY.....B-4-1
DAILY EXTREMES.....B-4-2
SNOWFALL/SNOW DEPTH
FIRST AND LAST DAYS OF OCCURRENCE BY SNOW-YEAR.....B-5-1

PART C - SURFACE WIND
WIND DIRECTION VS WIND SPEED--POF (FROM HOURLY OBS).....C-4-1

PART D - CEILING, VISIBILITY AND SKY COVER
CEILING VS VISIBILITY--POF (FROM HOURLY OBS).....D-2-1
SKY COVER--POF (FROM HOURLY OBS).....D-3-1

PART E - TEMPERATURE AND RELATIVE HUMIDITY.....	E-1-1
TEMPERATURES--CUMULATIVE POF (FROM SOD DATA)	
MAXIMA.....	E-2-1
MINIMA.....	E-2-2
MEAN.....	E-2-3
MONTHLY TEMPERATURES (FROM SOD DATA)	
MAXIMA.....	E-3-1
MINIMA.....	E-3-2
MEAN.....	E-4-1
DRY BULB, WET BULB, DEW POINT TEMPERATURES (FROM HOURLY OBS)	
DRY BULB.....	E-5-1
WET BULB.....	E-5-2
DEW POINT.....	E-5-3
RELATIVE HUMIDITY (FROM HOURLY OBS)	
CUMULATIVE PERCENT OCCURRENCE FREQUENCY.....	E-6-1
 PART F - PRESSURE (FROM HOURLY OBS).....	F-1-1
SEA LEVEL PRESSURE.....	F-2-1
ALTIMETER SETTING.....	F-3-1
STATION PRESSURE.....	F-4-1
 PART G - CROSSWIND SUMMARIES (FROM HOURLY OBS).....	G-1-1
PERCENT OCCURRENCE FREQUENCY.....	G-2-1
 PART H - DEGREE DAY SUMMARIES (FROM HOURLY OBS).....	H-1-1
HEATING DEGREE DAYS.....	H-2-1
COOLING DEGREE DAYS.....	H-3-1

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JAN 80 - DEC 89 (AIRWAYS).

SUMMARY OF DAY DATA: JAN 24 - DEC 33, JAN 45 - DEC 66 (PART TIME).

HOURS SUMMARIZED: VARIABLE HOURS.

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

TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

STATION NO. ON SUMMARY 701940	STATION NAME FORT YUKON MAP, ALASKA	LATITUDE N 66 34	LONGITUDE W 145 16	FLD ELEV (FT) 431	CALL SIGN PFYU	WMO NMBR 70194
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STATION LOCATION AND INSTRUMENTATION HISTORY

Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Fort Yukon, Alaska	WB	Jan 24	May 43	N 66 34	W 145 16	417	None	10
2	Same	CAA	May 43	Jul 65	N 66 35	W 145 18	417	425	10
3	Same	SAWRS	Aug 65	Jun 66	Same	Same	Same	Same	10
4	Same	AC/AF	Jun 66	Feb 74	N 66 33	W 145 12	441	457	10
5	Fort Yukon MAP, Alaska	AMOS	Feb 74	Feb 89	N 66 34	W 145 16	431	None	10
6	Same	SAWRS	Feb 89	Apr 90	Same	Same	Same	None	10

*AC&W site closed

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION			REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	

1	May 43	On roof of station	F-103	None	25 ft	
2	Aug 58	Same	F420B	None	Same	
3	Sep 63	On ground	F420C	None	22 ft	
4	Jan 74	Same	Same	None	19 ft	
5	Sep 83	Same	Same	None	31 ft	
6	Apr 90	Same	Same	None	Same	

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTT	AAAAAAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRR	TT	AA AA
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

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

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

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY (POF).

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

THUNDERSTORMS--PERCENT OCCURRENCE FREQUENCY.

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

SPECIFIED PHENOMENA VS WIND DIRECTION--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02				.1		.1			.1		.3	788
03-05												791
06-08				2.3		2.3	3.3		.1		5.8	809
09-11				4.1		4.1	6.5		.1		10.7	805
12-14				2.8		2.8	4.4		.3		7.5	791
15-17				5.6		5.6	5.2		.3		11.1	787
18-20				3.6		3.6	3.6		.1		7.3	813
21-23				1.2		1.2	2.5				3.7	807
ALL HOURS				2.5		2.5	3.2		.1		5.8	6391

MONTH: FEB

00-02												740
03-05												738
06-08				1.5		1.5	3.6		.1		5.2	748
09-11				3.1		3.1	4.4		.4		7.8	752
12-14			.1	1.7		1.9	1.5		.1		3.4	755
15-17				2.6		2.6	1.2		.4		4.2	758
18-20				.9		.9	1.8		.3		3.0	757
21-23				1.3		1.3	.8		.1		2.3	753
ALL HOURS			.0	1.4		1.4	1.7		.2		3.3	6001

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												871
03-05												865
06-08				2.3		2.3	.6				2.8	881
09-11				2.6		2.6	.8				3.4	878
12-14				1.6		1.6					1.6	869
15-17				1.9		1.9					1.9	887
18-20				1.1		1.1					1.1	887
21-23				.6		.6					.6	887
ALL HOURS				1.3		1.3	.2				1.4	7025

MONTH: APR

00-02												853
03-05				.1		.1					.1	848
06-08				2.4		2.4	.3				2.7	875
09-11				2.2		2.2					2.2	847
12-14				1.0		1.0	.1				1.2	865
15-17				.7		.7					.7	849
18-20		.1		1.0		1.2					1.2	862
21-23				.8		.8					.8	849
ALL HOURS		.0		1.1		1.1	.1				1.1	6848

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												866
03-05		.1				.1					.1	852
06-08		1.5		1.3		2.9	.1				3.0	906
09-11		1.0		.2		1.2					1.2	881
12-14	.2	.8		.5		1.3					1.3	877
15-17		.7		.3		1.0					1.0	900
18-20	.1	.3		.1		.5					.5	879
21-23	.3			.1		.1					.1	869
ALL HOURS	.1	.6		.3		.9	.0				.9	7030

MONTH: JUN

00-02												813
03-05												810
06-08		3.0				3.0		.1			3.1	858
09-11	.1	.7				.7					.7	834
12-14	.2	1.0				1.0		.1			1.1	833
15-17		.8				.8					.8	831
18-20	.1	.6				.6					.6	845
21-23	.1	.2				.2		.1			.4	813
ALL HOURS	.1	.8				.8	.0				.9	6637

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												806
03-05												808
06-08		2.4				2.4	.2	3.1			5.7	838
09-11	.1	1.2				1.2		.9			2.1	818
12-14	.1	1.9				1.9	.1	1.6			3.6	836
15-17	.2	1.1				1.1		1.0			2.1	824
18-20	.1	.7				.7		1.6			2.3	832
21-23		.7				.7		.2			1.0	820
ALL HOURS	.1	1.0				1.0	.0	1.0			2.1	6582

MONTH: AUG

00-02												756
03-05												751
06-08		3.9				3.9	1.4	3.0			8.3	769
09-11		1.6				1.6	.8	.4			2.8	763
12-14		2.8				2.8	.5	.9			4.3	775
15-17		1.2				1.2	.1	.7			2.0	758
18-20		.8				.8		1.4			2.2	778
21-23		.3				.3		.3			.5	758
ALL HOURS		1.3				1.3	.4	.8			2.5	6108

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												797
03-05												795
06-08		1.9		1.3		3.2	2.3				5.5	880
09-11		1.6		.7		2.3	.4				2.7	818
12-14		1.7		.7		2.4	.1				2.5	830
15-17		1.0		.2		1.2					1.2	816
18-20		1.1		.5		1.6					1.6	836
21-23		.9		.1		1.0					1.0	804
ALL HOUR		1.0		.5		1.5	.4				1.9	6576

MONTH: OCT

00-02												871
03-05				.1		.1	.1				.2	862
06-08		.3	.2	4.6		5.1	3.5				8.6	895
09-11		.5		2.9		3.4	1.8				5.2	854
12-14		.5		4.1		4.6	1.8				6.4	877
15-17		.7		4.1		4.8	.8				5.6	880
18-20		.3		2.9		3.3	.9				4.2	885
21-23		.2		2.7		2.9	.6				3.5	884
ALL HOURS		.3	.0	2.7		3.0	1.2				4.2	7008

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02												772
03-05												761
06-08				4.4		4.4	1.7				6.1	765
09-11			.1	6.3		6.4	4.8		.5		11.7	778
12-14				3.7		3.7	2.4		.3		6.3	763
15-17				5.7		5.7	3.4		.3		9.4	768
18-20				3.3		3.3	1.4	.1	.1		5.0	777
21-23				2.7		2.7	2.1		.1		5.0	767
ALL HOURS			.0	3.3		3.3	2.0	.0	.2		5.4	6151

MONTH: DEC

00-02												804
03-05												782
06-08		.1		2.6		2.7	.7		.2		3.7	808
09-11				4.2		4.2	2.0		.4		6.6	805
12-14			.1	3.1		3.3	2.1		.1		5.5	799
15-17			.1	4.1		4.2	2.2		.1		6.6	807
18-20				2.9		2.9	.7		.1		3.8	821
21-23				2.7		2.7	.8		.3		3.7	787
ALL HOURS		.0	.0	2.5		2.5	1.1		.2		3.7	6413

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN				2.5		2.5	3.2		.1		5.8	6391
FEB			.0	1.4		1.4	1.7		.2		3.3	6001
MAR				1.3		1.3	.2				1.4	7025
APR		.0		1.1		1.1	.1				1.1	6848
MAY	.1	.6		.3		.9	.0				.9	7030
JUN	.1	.8				.8		.0			.9	6637
JUL	.1	1.0				1.0	.0	1.0			2.1	6582
AUG		1.3				1.3	.4	.8			2.5	6108
SEP		1.0		.5		1.5	.4				1.9	6576
OCT		.3	.0	2.7		3.0	1.2				4.2	7008
NOV			.0	3.3		3.3	2.0	.0	.2		5.4	6151
DEC		.0	.0	2.5		2.5	1.1		.2		3.7	6413
ANNUAL	.0	.4	.0	1.3		1.7	.8	.2	.0		2.7	78770

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 4901-6612
 MONTH: ALL HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
JAN		.7	.5	46.3		46.6	51.4	3.0	.5		81.1	438
FEB				59.5		59.5	45.9	2.7	.8		81.0	368
MAR		.3		62.8		62.8	24.5	.3	1.7		69.5	298
APR		3.3		55.3		56.9	18.3		.4		57.3	246
MAY		44.1	.4	14.5		55.5	7.8				55.9	256
JUN	2.4	67.3			.7	67.3	.7	4.1			70.4	294
JUL	.9	64.4				64.4	8.0	8.6			73.3	326
AUG	.3	73.8		.6		74.1	6.5	12.0			83.5	309
SP		63.6	.3	11.5		73.5	15.0	.3		.3	78.0	313
OCT		9.7	.3	62.0		69.8	30.5	.3	.5		81.1	371
NOV		.8		66.0		66.3	34.0	2.2	.8		80.8	359
DEC		.2		58.5		58.5	50.8	2.9	1.0		84.5	419
ANNUAL	.3	25.0	.1	38.3	.1	62.6	26.9	3.1	.5	.0	76.0	3997

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST 10 UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02												
03-05												
06-08												
09-11						.1	.1					
12-14					.2	.2	.1					
15-17							.2					
18-20					.1	.1	.1					
21-23					.3	.1						
ALL HOURS					.1	.1	.1					
TOTAL OBS	6391	6001	7025	6848	7030	6637	6582	6108	6576	7008	6151	6413

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	10.1		63.9	2.4	5.9	11.8	5.9	169
FOG	49.3		11.4	12.4	10.4	13.9	2.5	201
FOG WITH VIS GE 1/2 MILES	48.1		12.2	12.7	10.5	13.8	2.8	181
TOTAL OBS	327	0	664	132	123	165	63	1474

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP								
FREEZING PRECIP						100.0		1
FROZEN PRECIP	3.3		41.8	3.3	14.3	34.1	3.3	91
FOG	45.2		25.0	10.6	12.5	3.8	2.9	104
FOG WITH VIS GE 1/2 MILES	40.7		28.4	13.6	12.3	1.2	3.7	81
TOTAL OBS	241	0	643	116	174	223	88	1485

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP								
FROZEN PRECIP	5.4		59.1	16.1	4.3	11.8	3.2	93
FOG	15.4		46.2	30.8			7.7	13
FOG WITH VIS GE 1/2 MILES	15.4		46.2	30.8			7.7	13
TOTAL OBS	148	0	988	177	80	166	60	1619

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP	100.0							1
FREEZING PRECIP								
FROZEN PRECIP	4.0		62.7	13.3	9.3	6.7	4.0	75
FOG	50.0		25.0	25.0				4
FOG WITH VIS GE 1/2 MILES	50.0		25.0	25.0				4
TOTAL OBS	59	0	971	183	74	207	74	1568

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS			100.0					3
LIQUID PRECIP	7.0		20.9	7.0	14.0	34.9	16.3	43
FREEZING PRECIP								
FROZEN PRECIP			70.8	8.3	12.5	4.2	4.2	24
FOG				100.0				1
FOG WITH VIS GE 1/2 MILES				100.0				1
TOTAL OBS	37	0	906	204	132	37	165	1823

MONTH: JUN HOURS: ALL

TSTMS			50.0	50.0				2
LIQUID PRECIP	5.4		46.4	5.4	7.1	21.4	14.3	56
FREEZING PRECIP								
FROZEN PRECIP								
FOG								
FOG WITH VIS GE 1/2 MILES								
TOTAL OBS	42	0	558	199	154	558	195	1706

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS						60.0	40.0	5
LIQUID PRECIP	3.3		24.6	1.6	6.6	44.3	19.7	61
FREEZING PRECIP								
FROZEN PRECIP								
FOG	50.0		50.0					2
FOG WITH VIS GE 1/2 MILES	50.0		50.0					2
TOTAL OBS	32	0	441	183	161	734	152	1703

MONTH: AUG HOURS: ALL

TSTMS								
LIQUID PRECIP	2.5		22.2	2.5	19.8	46.9	6.2	81
FREEZING PRECIP								
FROZEN PRECIP								
FOG	5.0		45.0	10.0	10.0	25.0	5.0	20
FOG WITH VIS GE 1/2 MILES			43.8	12.5	6.3	31.3	6.3	16
TOTAL OBS	85	0	370	172	226	761	132	1746

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	2.8		29.6	2.8	18.3	39.4	7.0	71
FREEZING PRECIP								
FROZEN PRECIP			34.5	3.4	3.4	31.0	27.6	29
FOG	37.5		41.7	12.5	4.2		4.2	24
FOG WITH VIS GE 1/2 MILES	36.4		45.5		9.1		9.1	11
TOTAL OBS	111	0	533	168	178	554	96	1640

MONTH: OCT HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP	13.6		13.6	13.6	36.4	18.2	4.5	22
FREEZING PRECIP				50.0		50.0		2
FROZEN PRECIP	9.5		57.7	4.5	6.0	9.0	13.4	201
FOG	29.5		33.0	5.7	6.8	12.5	12.5	88
FOG WITH VIS GE 1/2 MILES	30.9		30.9	7.4	4.4	13.2	13.2	68
TOTAL OBS	148	0	893	78	113	229	152	1613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NO OF OBS
TSTMS								
LIQUID PRECIP								
FREEZING PRECIP						100.0		2
FROZEN PRECIP	9.9		66.4	4.5	6.7	6.7	5.8	223
FOG	40.6		24.2	19.5	3.9	4.7	7.0	128
FOG WITH VIS GE 1/2 MILES	38.1		26.8	16.5	4.1	6.2	8.2	97
TOTAL OBS	299	0	804	107	77	100	86	1473

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP			100.0					1
FREEZING PRECIP			33.3	66.7				3
FROZEN PRECIP	19.4		41.8	6.5	9.4	18.2	4.7	170
FOG	38.6		22.9	10.0	10.0	14.3	4.3	70
FOG WITH VIS GE 1/2 MILES	41.3		22.2	9.5	7.9	15.9	3.2	63
TOTAL OBS	320	0	623	135	149	213	70	1510

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTHS: ALL

PHENOMENA	CALM	VARIABLE	360 - 069	070 - 139	140 - 209	210 - 279	280 - 359	NU OF OBS
TSTMS			40.0	10.0		30.0	20.0	10
LIQUID PRECIP	4.8		27.7	4.2	15.2	36.9	11.3	336
FREEZING PRECIP			12.5	37.5		50.0		8
FROZEN PRECIP	9.5		56.7	6.0	7.5	13.1	7.1	1075
FOG	40.6		23.2	12.8	8.4	9.8	5.2	655
FOG WITH VIS GE 1/2 MILES	59.7		23.5	12.8	8.0	10.4	5.6	537
TOTAL OBS	1849	0	8394	1854	1641	4289	1333	19360

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	BBBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	BBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

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

DAILY EXTREMES.

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

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

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

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

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

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

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

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

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

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

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

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	68.7	66.6	69.3	78.4	76.7	66.9	65.3	57.9	58.4	56.9	61.5	65.6	66.0
TRACE	10.1	12.9	11.2	11.6	11.9	11.6	10.9	12.2	12.9	16.0	16.1	14.4	12.6
.01	3.5	5.0	3.6	1.8	1.7	2.8	2.9	4.0	3.5	4.3	3.0	2.2	3.2
.02-.05	12.3	10.2	10.5	4.3	4.8	6.7	7.7	8.7	9.9	12.5	10.5	10.0	9.0
.06-.10	2.8	3.0	3.5	1.9	2.8	4.0	5.2	5.7	6.4	5.5	5.4	4.6	4.2
.11-.25	2.4	1.8	1.8	1.5	1.3	4.4	5.1	7.1	6.9	4.1	3.0	3.1	3.5
.26-.50	.3	.6		.4	.8	2.9	1.9	3.4	1.5	.4	.4	.1	1.1
.51-1.00					.1	.5	.7	.8	.5	.3			.3
1.01-2.50						.2	.2	.1					.0
2.51-5.00													
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	21.2	20.6	19.4	10.0	11.5	21.5	23.8	29.9	28.7	27.1	22.5	20.0	21.3
TOTAL NO. OF OBSERVATIONS	971	879	962	932	968	939	953	957	923	959	921	981	11345

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940
 LST TO UTC: +09

STATION NAME: FORT YUKON ALASKA

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
24	.34	.60	.06	.00	TRACE	.19	.86	.94	.38	1.67	.05	.20	5.29
25	.02	.25	.20	TRACE	.69	.51	1.63	1.33	1.77	.31	.52	.45	7.68
26	.35	.03	.25	.00	.39	.50	1.37	.67	.95	.39	.03	.09	5.02
27	.17	.14	.25	.03	.10	1.00	1.42	2.38	1.13	.30	.03	.20	7.15
28	.12	.29	.28	.22	.22	2.24	.50	1.19	1.08	.07	.52	.31	7.04
29	.44	.22	.08	.08	.30	1.26	2.22	1.46	1.12	.65	.45	.14	8.42
30	.10	.06	.20	.32	.08	.84	.42	2.96	.46	.71	.56	.14	6.85
31	.04	.49	.04	.28	.90	.67	1.06	1.18	1.22	.18	.20	.24	6.50
32	.18	.14	TRACE	TRACE	.66	1.28	.84	1.48	.74	.12	.06	TRACE	5.50
33	.10	.06	TRACE	TRACE	.24	.30	.46	.98	.24	.16	.26	.04	2.84
45	.19*	.66*	.56*	TRACE*	.40*	2.69*	.70*	1.05	1.98	1.01	.40	.09	9.73*
46	.27	.22	.47	.29	.42	.52	.27	1.44	1.33	.93	.75	.50	7.41
47	.24	.23	.30	.10	.03	.51	.96	1.12	.64	.78	.72	.70	6.33
48	.65	.31	.41	.92	.77	.53	.62	.49	.66	1.44	.37	.37	7.54
49	.15	.50	.39	.12	.10	.46	.08	.05	.19	.28	.24	.38	2.94
50	.68	.06	.27	.07	.13	.07	.06	.32	.62	.50	.48	.57	3.83
51	.53	.78	.23	.05	.01	.31	.13	.65	1.60	.18	.65	.71	5.83
52	.45	.16	.42	.70	.14	.66	.57	.81	.38	.64	.81	.18	5.92
53	.19	.22	.12	.01	.02	1.00	.66	1.16	.89	.45	.20	.67	5.59
54	.58	.27	.28	.01	.10	.41	1.26	.92	.77	.41	.84	.79	6.64
55	.60	.45	.64	.48	.05	1.81	.32	1.51	.76	.58	.94	.79	8.93
56	.18	.51	.32	.16	1.07	.16	.24	1.74	1.10	.66	.42	.32	6.88
57	.56	.38	.22	.13	.23	.22	.27	.38	.58	.45	.49	.26	4.17
58	.68	.07	.26	.15	.17	.39	.82	.97	.22	1.22	1.17	.34	6.46
59	.10	.77	.41	.18	.38	.43	1.36	.56	.22	.27	.37	.56	5.61
60	1.32	.48	.02	.25	TRACE	.45	2.85	.43	1.90	.51	.26	.22	8.69
61	.01	.23	.31	.22	.64	.51	.76	2.67	1.78	.64	.27	.40	8.44
62	.52	.22	.33	.39	.90	.72	2.30	1.36	1.09	.22	.08	1.02	9.15
63	.94	.24	.68	.50	TRACE	1.59	1.63	1.45	.02*	.70	.05	.25	8.05*
64	.17	.11	.01	.08	.21	.81	1.13	.62	.12	.24	.54	.56	4.60
65	.08	.01	.87	.74	.09	3.40	.01*					.23	5.43*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	TRACE	TRACE*	.03*	TRACE	TRACE*	.22*	TRACE	2.81	.09	.79	.35*	.20*	4.49*
LEAST	TRACE	.01	TRACE	.00	TRACE	.07	TRACE	.05	.09	.07	.03	TRACE	2.84
GREATEST	1.32	.78	.87	.92	1.07	3.40	2.85	2.96	1.98	1.67	1.17	1.02	9.73
MEAN	.35	.28	.28	.21	.30	.79	.90	1.20	.87	.56	.42	.38	6.33
MEDIAN	.24	.23	.27	.13	.19	.52	.79	1.12	.77	.50	.41	.32	6.48
SD	.305	.207	.206	.240	.313	.704	.712	.720	.554	.384	.294	.253	1.700
TOTAL OBS	971	879	962	932	968	939	953	957	923	959	921	981	11345

THE GREATEST VALUE OF 3.40 OCCURRED ON 06/65

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
24	.15	.30	.06	.00	TRACE	.14	.57	.34	.20	.65	.05	.20	.65
25	.02	.25	.10	TRACE	.45	.37	.54	.55	.59	.21	.20	.20	.59
26	.10	.03	.10	.00	.24	.16	.43	.30	.26	.18	.03	.06	.43
27	.06	.06	.06	.03	.05	.27	.96	.60	.27	.11	.03	.09	.96
28	.06	.14	.07	.22	.10	1.25	.18	.28	.62	.04	.28	.16	1.25
29	.03	.08	.04	.08	.20	.58	.72	.32	.36	.12	.08	.08	.72
30	.06	.04	.06	.18	.06	.28	.20	.66	.14	.46	.25	.04	.66
31	.02	.18	.02	.14	.66	.32	.32	.28	.44	.04	.04	.06	.66
32	.06	.04	TRACE	TRACE	.28	.44	.26	.20	.16	.08	.02	TRACE	.44
33	.04	.02	TRACE	TRACE	.08	.10	.22	.30	.08	.04	.08	.02	.30
45	.07*	.26*	.13*	TRACE*	.10*	.42*	.20*	.23	.51	.42	.11	.04	.51*
46	.05	.14	.07	.09	.15	.18	.13	.62	.21	.20	.25	.12	.62
47	.05	.10	.06	.05	.02	.24	.37	.30	.20	.15	.23	.13	.37
48	.17	.16	.08	.43	.32	.27	.39	.19	.16	.47	.22	.09	.47
49	.04	.19	.16	.07	.07	.29	.04	.03	.06	.07	.09	.10	.29
50	.15	.03	.12	.03	.07	.03	.03	.31	.19	.09	.13	.13	.31
51	.11	.30	.15	.04	.01	.13	.10	.17	.43	.06	.14	.22	.43
52	.45	.03	.14	.29	.05	.48	.15	.22	.11	.17	.26	.05	.48
53	.10	.05	.04	.01	.02	.40	.36	.49	.57	.16	.10	.25	.57
54	.16	.12	.09	.01	.09	.20	.32	.47	.20	.11	.20	.21	.47
55	.18	.15	.22	.08	.05	.60	.20	.41	.21	.11	.23	.17	.60
56	.05	.11	.12	.08	.43	.06	.10	.50	.32	.14	.09	.21	.50
57	.19	.31	.10	.13	.15	.07	.17	.30	.25	.22	.20	.17	.31
58	.20	.04	.11	.12	.10	.15	.38	.37	.08	.61	.26	.09	.61
59	.05	.18	.09	.13	.28	.31	.28	.21	.12	.09	.23	.10	.31
60	.28	.17	.01	.15	TRACE	.24	1.40	.17	.60	.15	.10	.13	1.40
61	.01	.10	.07	.07	.37	.22	.18	.76	.37	.13	.16	.21	.76
62	.20	.06	.08	.19	.39	.33	1.52	.27	.32	.11	.04	.38	1.52
63	.49	.06	.24	.21	TRACE	.61	.44	.38	.01*	.30	.03	.11	.61*
64	.05	.04	.01	.05	.09	.30	.55	.18	.04	.14	.35	.14	.55
65	.03	.01	.22	.40	.08	1.06	.01*					.11	1.06*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	TRACE	TRACE*	.03*	TRACE	TRACE*	.20*	TRACE	1.55	.04	.75	.19*	.12*	1.55*
GREATEST	.49	.31	.24	.43	.66	1.25	1.52	1.55	.62	.75	.35	.38	1.55
TOTAL OBS	971	879	962	932	968	939	953	957	923	959	921	981	11345

THE GREATEST VALUE OF 1.55 OCCURRED ON 08/31/66

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	68.8	66.7	69.2	79.4	94.1	100.0	100.0	99.8	92.3	61.5	62.0	65.8	80.0
TRACE	9.5	12.7	11.1	10.9	4.1			.1	4.4	15.6	16.3	14.1	8.2
0.1-0.4	8.5	9.2	8.2	4.0	.4					7.2	7.5	6.2	4.3
0.5-1.4	9.2	8.0	8.3	4.1	1.0			.1	1.6	10.3	9.3	10.4	5.2
1.5-2.4	2.6	2.3	2.3	.9	.2				.3	3.9	3.0	1.9	1.4
2.5-3.4	1.0	.3	.9	.6	.1				.8	.5	1.2	.8	.5
3.5-4.4	.2	.3		.1					.3	.5	.4	.6	.2
4.5-6.4	.2	.5			.1				.1	.3		.1	.1
6.5-10.4									.1	.1	.2		.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	21.7	20.6	19.7	9.7	1.9			.1	3.3	22.8	21.7	20.1	11.8
TOTAL NO. OF OBSERVATIONS	971	879	963	932	962	928	944	960	922	959	921	979	11320

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
24	13.4	10.0	1.0	.0	TRACE	.0	.0	.0	4.0	21.0	2.0	3.0	54.4
25	1.0	5.0	2.9	.0	.0	.0	.0	.0	.0	.5	6.5	9.0	24.9
26	8.0	.5	5.0	.0	TRACE	.0	.0	.0	.0	5.5	1.0	3.0	23.0
27	5.5	4.5	9.0	1.0	TRACE	.0	.0	.0	TRACE	6.5	1.0	6.5	34.0
28	4.0	10.0	9.0	TRACE	1.0	.0	.0	.0	.0	2.5	12.1	9.0	47.6
29	12.0	6.0	3.0	2.0	.0	.0	.0	.0	.0	10.0	20.0	7.0	60.0
30	6.0	3.0	10.0	4.2	.0	.0	.0	.0	1.0	11.0	7.0	5.0	47.2
31	2.0	11.0	2.0	2.0	TRACE	.0	.0	.0	1.0	6.0	6.0	11.0	41.0
32	8.0	7.0	TRACE	TRACE	.0	.0	.0	.0	1.0	4.0	3.0	TRACE	23.0
33	6.0	3.0	TRACE	TRACE	TRACE	.0	.0	.0	8.0	7.0	13.0	2.0	39.0
45	3.2*	11.3*	11.2*	TRACE*	.5*	*	*	.0	.5	8.9	8.0	1.6	45.2*
46	4.7	2.7	6.1	4.7	TRACE	.0	.0	.0	11.6	8.9	12.6	4.9	56.2
47	2.4	4.9	3.7	.9	.5	.0	.0	.0	7.0	13.2	9.6	10.9	53.1
48	11.0	3.4	5.4	10.2	7.4	.0	.0	.0	9.1	18.0	2.3	6.6	73.4
49	2.6	6.7	5.1	1.5	1.1	.0	.0	.0	.0	6.1	4.5	4.9	32.5
50	8.6	.9	7.2	1.4	.5	.0	.0	.0	TRACE	11.5	8.2	7.5	45.8
51	8.0	9.8	4.2	1.2	.0	.0	.0	.0	TRACE	4.8	8.9	7.1	44.0
52	4.5	3.5	6.5	10.6	5.3	.0	.0	.0	.0	11.1	11.2	3.4	56.1
53	3.8	5.1	2.3	.3	.0	.0	.0	.0	TRACE	5.7	2.9	9.5	29.6
54	8.8	4.2	4.3	.3	.0	.0	.0	.0	3.9	8.1	14.1	13.7	57.4
55	7.8	5.3	11.3	5.2	TRACE	.0	.0	.0	TRACE	9.7	10.0	11.0	60.3
56	3.0	8.8	5.4	2.6	TRACE	.0	.0	.0	TRACE	13.1	7.0	4.6	44.5
57	9.3	5.4	3.7	1.9	.9	.0	.0	.0	1.6	7.8	6.5	4.2	41.3
58	11.2	1.0	3.8	1.4	1.3	.0	.0	.0	TRACE	11.8	15.0	4.0	49.5
59	1.1	9.3	4.6	2.2	.0	.0	.0	.0	1.0	3.2	4.4	6.7	32.5
60	13.9	5.0	.2	4.0	.0	.0	.0	.0	7.0	8.5	2.6	3.6	44.8
61	.2	2.3	3.1	2.0	.0	.0	.0	1.4	4.0	5.8	3.1	3.6	25.5
62	5.0	2.2	3.3	3.9	2.1	.0	.0	.0	1.3	.8	.8	11.2	30.6
63	9.4	2.4	6.5	5.0	TRACE	.0	.0	.0	.0*	3.0	2.0	3.1	31.4*
64	1.7	1.1	.1	.8	1.5	.0	.0	.0	TRACE	2.4	4.1	5.6	17.3
65	.8	.1	8.7	3.4	TRACE	.0	.0*					2.3	15.3*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	TRACE	TRACE*	7.0*	2.0	TRACE	.0	.0	.0	.0	.1	3.5*	1.8*	14.4*
LEAST	TRACE	.1	TRACE	.0	.0	.0	.0	.0	.0	.1	.8	TRACE	17.3
GREATEST	13.9	11.3	11.3	10.6	7.4	.0	.0	1.4	11.6	21.0	20.0	13.7	73.4
MEAN	5.9	4.8	4.6	2.4	.7	.0	.0	TRACE	2.1	7.6	7.0	6.0	42.4
MEDIAN	5.5	4.7	4.3	1.9	TRACE	.0	.0	.0	.3	7.0	6.5	5.0	44.3
SD	4.021	3.119	3.030	2.661	1.630	.000	.000	.251	3.253	4.849	4.874	3.360	13.793
TOTAL OBS	971	879	963	932	962	928	944	960	922	959	921	979	11320

THE GREATEST VALUE OF 21.0 OCCURRED ON 10/24

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
24	3.0	5.0	1.0	.0	TRACE	.0	.0	.0	4.0	10.0	2.0	3.0	10.0
25	1.0	5.0	1.5	.0	.0	.0	.0	.0	.0	.5	2.0	4.0	5.0
26	3.0	.5	2.0	.0	TRACE	.0	.0	.0	.0	3.0	1.0	2.0	3.0
27	2.0	2.0	2.0	1.0	TRACE	.0	.0	.0	TRACE	3.0	1.0	3.0	3.0
28	2.0	5.0	2.0	TRACE	1.0	.0	.0	.0	.0	1.5	9.0	5.0	9.0
29	2.0	2.0	1.0	2.0	.0	.0	.0	.0	.0	2.0	4.0	4.0	4.0
30	4.0	2.0	3.0	2.0	.0	.0	.0	.0	1.0	6.0	3.0	2.0	6.0
31	1.0	4.0	1.0	1.0	TRACE	.0	.0	.0	1.0	1.0	2.0	4.0	4.0
32	3.0	2.0	TRACE	TRACE	.0	.0	.0	.0	1.0	2.0	1.0	TRACE	3.0
33	2.0	1.0	TRACE	TRACE	TRACE	.0	.0	.0	4.0	2.0	4.0	1.0	4.0
45	1.0*	3.0*	3.0*	TRACE*	.5*	*	*	.0	.5	4.3	3.0	1.0	4.3*
46	1.0	1.5	1.0	1.8	TRACE	.0	.0	.0	3.0	1.6	6.5	1.3	6.5
47	.6	3.6	1.0	.5	.5	.0	.0	.0	7.0	2.8	3.2	1.6	7.0
48	3.2	1.8	1.2	3.8	6.2	.0	.0	.0	4.6	4.5	1.1	1.2	6.2
49	1.1	2.1	1.2	1.0	1.1	.0	.0	.0	.0	1.5	1.2	1.0	2.1
50	1.7	.4	3.2	.6	.5	.0	.0	.0	TRACE	1.8	2.8	1.1	3.2
51	2.1	3.4	2.8	1.0	.0	.0	.0	.0	TRACE	1.6	2.0	2.2	3.4
52	4.5	.8	2.8	2.9	3.0	.0	.0	.0	.0	3.0	2.4	1.0	4.5
53	1.3	2.4	1.0	.3	.0	.0	.0	.0	TRACE	1.9	1.4	3.6	3.6
54	1.8	1.6	1.2	.3	.0	.0	.0	.0	2.6	2.4	3.3	3.6	3.6
55	2.6	1.4	3.4	1.0	TRACE	.0	.0	.0	TRACE	4.0	3.0	2.0	4.0
56	.9	1.8	2.1	1.2	TRACE	.0	.0	.0	TRACE	2.4	1.6	2.7	2.7
57	2.8	4.3	1.5	1.9	.9	.0	.0	.0	1.0	3.8	2.1	2.6	4.3
58	3.6	.6	1.5	.7	1.0	.0	.0	.0	TRACE	5.3	3.1	1.0	5.3
59	.6	2.1	.9	1.7	.0	.0	.0	.0	1.0	1.1	2.7	1.3	2.7
60	2.9	1.7	.1	3.0	.0	.0	.0	.0	3.9	4.0	1.0	1.7	4.0
61	.2	1.0	.7	.7	.0	.0	.0	1.4	3.0	1.3	2.0	2.0	3.0
62	1.7	.6	.8	1.9	1.6	.0	.0	.0	1.3	.4	.4	3.8	3.8
63	5.0	.6	2.4	2.1	TRACE	.0	.0	.0	.0*	1.0	1.0	1.1	5.0*
64	.5	.4	.1	.5	.9	.0	.0	.0	TRACE	1.4	3.5	1.4	3.5
65	.3	.1	2.2	3.0	TRACE	.0	.0*					1.1	3.0*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	TRACE	TRACE*	3.0*	1.0	TRACE	.0	.0	.0	.0	.1	1.9*	1.2*	3.0*
GREATEST	5.0	5.0	3.4	3.8	6.2	.0	.0	1.4	7.0	10.0	9.0	5.0	10.0
TOTAL OBS	971	879	963	932	962	928	944	960	922	959	921	979	11320

THE GREATEST VALUE OF 10.0 OCCURRED ON 10/06/24

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 4508-4811,5207-6610
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
45								0	1	7	16	17	17*
46	18	19	22	27	32	0	0	0	3	5	17	20	32
47	22	26	28	21	9	0	0	0	2	10	17	26	28
48	35	38	40	37	24	0	0	0	3	17	21		40*
52							0	0	0	8	17	18	18*
53	20	23	26	26	0	0	0	0	0	4	7	15	26
54	19	24	28	24	10	0	0	0	4	6	15	29	29
55	36	36	46	48	32	0	0	0	0	5	14	25	48
56	27	34	40	35	TRACE	0	0	0	0	11	16	21	40
57	29	31	33	31	1	0	0	0	2	6	12	17	33
58	27	28	32	31	1	0	0	0	0	9	22	21	32
59	22	28	31	30	14	0	0	0	1	3	7	13	31
60	27	32	32	29	0	0	0	0	4	7	9	11	32
61	11	14	16	17	8	0	0	TRACE	2	7	9	11	17
62	16	18	21	24	23	0	0	0	1	3	4	16	24
63	24	27	29	32	19	0	0	0	0*	2	4	7	32*
64	13	16	15	8	5	0	0	0	0	5	11	16	16
65	16	14	20	20	9	0	0*					17	20*
66	17	12	14	10	6	0	0	0	0	0*			17*
GREATEST	36	38	46	48	32	0	0	TRACE	4	17	22	29	48
TOTAL OBS	527	480	524	510	526	508	541	558	536	552	510	526	6298

THE GREATEST VALUE OF 48 OCCURRED ON 04/04/55

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LSI TO UTC: +09

PERIOD OF RECORD: 4508-4811,5207-6610
 MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE				2.2	68.6	100.0	100.0	99.8	91.8	28.6		.2	41.7
TRACE				1.0	4.0			.2	2.4	5.4			1.1
1				.8	4.4				1.7	6.9			1.2
2				.4	1.9				2.6	13.2	.6		1.6
3				.8	2.9				.9	14.9	7.3	.2	2.3
4-6				7.8	5.1				.6	22.5	18.6	4.0	4.9
7-12	14.0	10.6	7.6	15.3	4.8					6.7	41.2	33.5	11.0
13-24	60.2	43.3	28.8	42.2	6.7					1.8	32.4	57.2	22.3
25-36	25.8	40.4	52.7	24.7	1.7							4.9	12.2
37-48		5.6	10.9	4.9									1.7
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	100.0	100.0	100.0	96.9	27.4				5.8	65.9	100.0	99.8	57.1
TOTAL NO. OF OBSERVATIONS	527	480	524	510	526	508	541	558	536	552	510	526	6298

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA

PERIOD OF RECORD: 4508-4811,5207-6610
 SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
45 - 46	SEP 16	SEP 17	SEP 17	MAY 14	APR 27	MAY 09
46 - 47	SEP 12	SEP 12	SEP 13	MAY 02	MAY 02	MAY 05
47 - 48	SEP 29	SEP 30	SEP 30	MAY 30	MAY 02	MAY 10
48 - 49	SEP 19	SEP 19	SEP 20	NOV 30	NOV 15	NOV 30
52 - 53	OCT 10	OCT 11	OCT 17	APR 15	APR 15	APR 21
53 - 54	SEP 07	OCT 14	OCT 16	APR 10	APR 07	MAY 04
54 - 55	SEP 24	SEP 24	SEP 25	MAY 04	APR 23	MAY 14
55 - 56	SEP 25	OCT 06	OCT 07	MAY 10	APR 11	APR 27
56 - 57	SEP 25	OCT 03	OCT 04	MAY 03	MAY 03	MAY 03
57 - 58	SEP 19	SEP 28	SEP 29	MAY 04	MAY 04	MAY 04
58 - 59	SEP 27	OCT 01	OCT 02	APR 26	APR 26	MAY 15
59 - 60	SEP 19	SEP 23	SEP 23	APR 18	APR 17	APR 30
60 - 61	SEP 04	SEP 04	SEP 04	APR 29	APR 28	MAY 08
61 - 62	AUG 24	AUG 25	SEP 30	MAY 10	MAY 10	MAY 24
62 - 63	SEP 13	SEP 14	SEP 14	MAY 05	APR 22	MAY 07
63 - 64	OCT 01	OCT 10	OCT 10	MAY 13	MAY 13	MAY 25
64 - 65	SEP 30	OCT 02	OCT 15	MAY 04	APR 26	MAY 13
65 - 66	DEC 01	DEC 02	DEC 02	MAY 18	APR 21	MAY 07
66 - 67	OCT 14	OCT 30		OCT 30	OCT 30	
MEDIAN-DATE	SEP 24	SEP 30	SEP 30	MAY 04	APR 26	MAY 07

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

PART C

SURFACE WIND SUMMARIES

PEAK WINDS. DATA AND SUMMARY NOT AVAILABLE

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY. DATA AND SUMMARY NOT AVAILABLE.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

THESE TABLES GIVE A BIVARIATE DISTRIBUTION OF THE PERCENT OCCURRENCE

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

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

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

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.0	.1										5.1	2.0	2.0
020-040	14.8	5.5	1.3	.6	.1							22.3	4.2	3.0
050-070	11.2	8.4	4.6	.5								24.7	5.7	5.0
(E) 080-100	4.2	.3										4.5	2.1	2.0
110-130	4.2											4.2	1.3	1.0
140-160	3.4											3.4	1.4	1.0
(S) 170-190	3.4	.1										3.6	1.9	1.0
200-220	5.0	.6										5.6	2.4	2.0
230-250	5.5	.8	.8	.3								7.3	4.0	3.0
(W) 260-280	3.8	.5										4.3	2.2	1.5
290-310	2.3											2.3	1.2	1.0
320-340	1.1											1.1	1.9	2.0
VARIABLE														
CALM	////////////////////											11.5	////	////
TOTALS	63.9	16.3	6.7	1.4	.1							100.0	3.3	2.0
TOTAL NUMBER OF OBSERVATIONS 784														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.6	.4										6.0	2.1	2.0
020-040	15.6	6.8	1.0	.4	.3							24.0	4.2	3.0
050-070	13.3	7.8	4.2	.5								25.8	5.4	4.0
(E) 080-100	5.7	.4										6.1	1.9	1.0
110-130	3.8											3.8	1.4	1.0
140-160	2.8											2.8	1.4	1.0
(S) 170-190	2.4	.1										2.6	1.6	1.0
200-220	3.3	.1										3.4	2.0	2.0
230-250	4.0	2.3	.3	.4	.3							7.1	5.4	3.5
(W) 260-280	3.8	.4		.1								4.3	2.5	1.0
290-310	1.9											1.9	1.6	1.0
320-340	1.0											1.0	1.8	1.5
VARIABLE														
CALM	////////////////////////////////////											11.1	////////////////////////////////	
TOTALS	63.2	18.3	5.5	1.4	.6							100.0	3.4	2.0

TOTAL NUMBER OF OBSERVATIONS 784

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	.7										6.6	2.7	2.0
020-040	14.7	8.1	2.1	.6								25.5	4.9	4.0
050-070	11.1	6.4	2.9	.5								20.8	5.2	4.0
(E) 080-100	6.4	.1										6.5	1.9	2.0
110-130	2.4	.1										2.5	2.2	2.0
140-160	3.1	.2										3.4	2.0	1.0
(S) 170-190	2.5	.2										2.7	2.5	2.5
200-220	4.1	.9										5.0	2.9	2.0
230-250	4.1	1.7	.7	.1								6.7	4.5	3.0
(W) 260-280	2.0	.1										2.1	2.1	2.0
290-310	1.5											1.5	1.3	1.0
320-340	1.5	.4										1.9	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											14.8	////////////////////////////////	
TOTALS	59.3	18.9	5.7	1.2								100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 803

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	1.1										5.4	2.8	2.0
020-040	15.0	7.3	1.9	.4								24.7	4.6	4.0
050-070	11.1	7.1	3.0	1.0								22.3	5.4	4.5
(E) 080-100	4.3	.3										4.6	1.9	1.0
110-130	2.5	.1										2.7	1.9	1.0
140-160	2.7	.3										2.9	2.4	2.0
(S) 170-190	4.7											4.7	2.4	2.0
200-220	4.2	.4		.1								4.7	2.7	2.0
230-250	4.3	1.3	.4	.3								6.2	4.1	3.0
(W) 260-280	2.9	.5	.1									3.5	2.7	2.0
290-310	1.6	.1										1.8	1.9	1.5
320-340	2.4											2.4	1.7	1.0
VARIABLE														
CALM	////////////////////											14.3	////	////
TOTALS	60.0	18.5	5.4	1.8								100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 791

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.4	.8	.1									4.3	2.9	2.0
020-040	15.2	8.1	1.6	.8								25.7	4.6	4.0
050-070	9.2	7.2	2.6	1.2	.4							20.5	6.2	6.0
(E) 080-100	4.4	.4										4.8	1.9	1.0
110-130	2.6	.1										2.7	1.7	1.0
140-160	2.5	.3	.1									2.8	2.4	1.5
(S) 170-190	4.7	.5										5.2	2.4	2.0
200-220	5.3	.4										5.7	2.7	3.0
230-250	4.8	1.7	.3	.1								6.8	3.9	3.0
(W) 260-280	3.7	.1										3.9	2.1	2.0
290-310	.9											.9	1.1	1.0
320-340	1.9	.1										2.1	1.8	1.0
VARIABLE														
CALM	////////////////////											14.6	////	////
TOTALS	58.6	19.7	4.7	2.1	.4							100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 774

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.3	1.3	.1									5.7	3.3	3.0
020-040	12.4	7.4	2.5									22.3	4.8	4.0
050-070	10.1	6.6	3.6	.6	.1							21.1	5.7	5.0
(E) 080-100	4.1		.1									4.3	2.2	2.0
110-130	3.2											3.2	1.4	1.0
140-160	3.1											3.1	1.7	1.0
(S) 170-190	4.5	.3										4.8	2.0	2.0
200-220	5.0	1.4										6.5	3.1	3.0
230-250	6.3	1.2	.6									8.2	3.5	2.0
(W) 260-280	2.5	.3	.1	.1								3.0	3.5	2.0
290-310	.9											.9	1.3	1.0
320-340	1.6	.1										1.7	2.0	1.0
VARIABLE														
CALM	////////////////////////////////////										15.4	////////////////////////////////		
TOTALS	58.0	18.6	7.0	.7	.1							100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 773

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.6	.7	.1									7.5	2.6	2.0
020-040	12.6	6.5	2.0	.5								21.5	4.9	4.0
050-070	11.5	5.2	4.2	.7								21.7	5.6	4.0
(E) 080-100	4.1	.1										4.2	1.7	1.0
110-130	2.7											2.7	1.9	1.5
140-160	2.0											2.0	1.9	2.0
(S) 170-190	3.2	.1										3.4	2.2	2.0
200-220	5.2	.7										6.0	2.5	2.0
230-250	5.1	.9	.7									6.7	3.8	2.0
(W) 260-280	3.6	.7	.1									4.5	2.8	2.0
290-310	1.7											1.7	1.4	1.0
320-340	1.9											1.9	1.5	1.0
VARIABLE														
CALM	////////////////////											16.2	////	////
TOTALS	60.2	14.9	7.1	1.2								100.0	3.3	3.0

TOTAL NUMBER OF OBSERVATIONS 803

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	.4										5.9	2.7	3.0
020-040	14.4	5.1	1.1	.5	.1							21.3	4.3	3.0
050-070	12.9	6.6	6.0	.1								25.7	5.5	4.0
(E) 080-100	3.6	.1										3.8	2.0	1.5
110-130	2.5											2.5	1.5	1.0
140-160	4.0											4.0	1.7	2.0
(S) 170-190	4.0	.1										4.1	1.8	2.0
200-220	5.8	.8										6.5	2.7	2.5
230-250	5.4	1.4	.8	.3								7.8	4.4	2.0
(W) 260-280	3.0	.3										3.3	1.9	1.0
290-310	1.4											1.4	1.4	1.0
320-340	1.4											1.4	1.5	1.0
VARIABLE														
CALM	////////////////////											12.5	////	////
TOTALS	63.9	14.8	7.9	.9	.1							100.0	3.3	3.0

TOTAL NUMBER OF OBSERVATIONS 799

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORI YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.1	.7	.0									5.8	2.5	2.0
020-040	14.3	6.8	1.7	.5	.1							23.4	4.6	4.0
050-070	11.3	6.9	3.9	.6	.1							22.8	5.6	5.0
(E) 080-100	4.6	.2	.0									4.8	2.0	2.0
110-130	3.0	.0										3.0	1.6	1.0
140-160	2.9	.1	.0									3.1	1.8	1.0
(S) 170-190	3.7	.2										3.9	2.1	2.0
200-220	4.7	.7		.0								5.4	2.7	2.0
230-250	4.9	1.4	.6	.2	.0							7.1	4.2	3.0
(W) 260-280	3.2	.4	.0	.0								3.6	2.5	2.0
290-310	1.5	.0										1.6	1.4	1.0
320-340	1.6	.1										1.7	1.8	1.0
VARIABLE														
CALM	////////////////////											13.8	////	////
TOTALS	60.8	17.5	6.2	1.3	.2							100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 6311

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.1	1.5										5.6	3.8	4.0
020-040	4.6	5.6	4.1									14.2	7.0	6.5
050-070	9.6	2.0	2.0	1.0								14.7	4.7	2.0
(E) 080-100	3.6											3.6	1.7	2.0
110-130	5.6											5.6	1.4	1.0
140-160	4.1											4.1	2.3	2.5
(S) 170-190	3.0	.5										3.6	2.7	2.0
200-220	3.6											3.6	2.9	3.0
230-250	4.1	1.5	.5		.5							6.6	5.8	4.0
(W) 260-280	5.6											5.6	2.1	2.0
290-310	2.0											2.0	2.0	1.5
320-340	1.5											1.5	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											29.4	////////////////////////////////	
TOTALS	51.4	11.1	6.6	1.0	.5							100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 197

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8											6.8	2.2	2.0
020-040	16.5	6.4	2.2	.3								25.3	4.5	4.0
050-070	9.7	7.0	3.5	.4	.3							20.9	5.8	5.0
(E) 080-100	5.3	.1										5.4	1.8	1.0
110-130	3.0											3.0	1.8	2.0
140-160	3.0											3.0	2.1	2.0
(S) 170-190	3.4	.4										3.8	2.8	3.0
200-220	4.1	.4										4.5	2.6	2.0
230-250	5.0	1.8	1.1	.5	.1							8.5	5.5	3.0
(W) 260-280	4.2	.7	.4	.3	.5							6.1	5.6	3.0
290-310	2.7											2.7	1.9	2.0
320-340	3.4	.1										3.5	1.7	1.0
VARIABLE														
CALM	////////////////////											6.6	////	////
TOTALS	67.1	16.9	7.2	1.5	.9							100.0	3.9	3.0

TOTAL NUMBER OF OBSERVATIONS 740

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	7.5	.1										7.6	2.1	2.0
020-040	18.6	5.0	1.9	.4								25.9	4.2	3.0
050-070	12.5	5.8	2.8	.9	.3							22.4	5.5	4.0
(E) 080-100	4.2	.3										4.5	1.9	2.0
110-130	2.2											2.2	1.6	1.0
140-160	2.2	.1										2.3	1.8	2.0
(S) 170-190	3.4	.4										3.8	2.4	2.0
200-220	4.1	.3										4.3	2.2	2.0
230-250	4.5	2.3	.9	.1								7.9	4.9	4.0
(W) 260-280	2.4	1.5	.5	.5		.1						5.1	6.6	5.5
290-310	3.1											3.1	1.6	1.0
320-340	2.6											2.6	1.7	1.0
VARIABLE														
CALM	////////////////////////////////////										8.4	////////////////////////////////		
TOTALS	67.3	15.8	6.1	1.9	.3	.1						100.0	3.6	3.0
TOTAL NUMBER OF OBSERVATIONS 738														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.8	.8	.3									7.9	3.1	3.0
020-040	13.6	7.8	3.7	.7								25.8	5.2	4.0
050-070	9.9	3.5	2.7	.5								16.6	5.2	3.5
(E) 080-100	4.0	.1										4.1	2.0	2.0
110-130	2.4											2.4	1.9	2.0
140-160	3.1		.1									3.2	2.6	2.0
(S) 170-190	4.7	.8	.1									5.6	3.1	3.0
200-220	4.4	.9	.1									5.5	2.9	2.0
230-250	4.8	1.1	1.1	.4								7.4	5.0	3.0
(W) 260-280	3.2	1.1	.5	.3	.1	.1						5.3	6.0	3.5
290-310	3.1											3.1	1.5	1.0
320-340	1.5	.3										1.7	2.4	2.0
VARIABLE														
CALM	////////////////////											11.4	//////////	
TOTALS	61.5	16.4	8.6	1.9	.1	.1						100.0	3.8	3.0

TOTAL NUMBER OF OBSERVATIONS 748

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.2	.8										6.0	2.7	3.0
020-040	14.0	5.9	3.9	1.2	.1							25.0	5.6	4.0
050-070	10.7	5.6	3.2	.4								19.8	5.3	4.0
(E) 080-100	5.2	.1										5.3	1.7	1.0
110-130	2.4											2.4	1.8	1.5
140-160	2.7	.4	.1									3.2	3.0	2.5
(S) 170-190	4.5	.5										5.1	2.7	2.0
200-220	4.0	1.1										5.1	3.2	3.0
230-250	5.3	2.3	.8	.4								8.8	5.0	3.5
(W) 260-280	2.3	1.1	.7	.1								4.1	5.0	4.0
290-310	1.7											1.7	1.8	2.0
320-340	2.0	.3	.1									2.4	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											11.1	////////////////////////////////	
TOTALS	60.0	18.1	8.8	2.1	.1							100.0	3.9	3.0
TOTAL NUMBER OF OBSERVATIONS 751														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.4	.4										4.8	2.5	2.5
020-040	12.4	6.2	3.2	.5								22.3	5.4	4.0
050-070	9.8	8.1	4.9	.7	.1							23.6	6.3	5.5
(E) 080-100	6.2	.4										6.6	2.1	2.0
110-130	2.9											2.9	1.8	2.0
140-160	2.7											2.7	1.9	1.5
(S) 170-190	4.0	.7										4.6	2.5	2.0
200-220	3.1	.8										3.9	3.0	3.0
230-250	5.6	2.4	.9	1.1	.3							10.2	6.0	4.0
(W) 260-280	3.2	1.3	.7	.4								5.6	5.2	3.5
290-310	1.7	.1										1.9	2.5	2.0
320-340	.3	.1										.4	3.0	2.0
VARIABLE														
CALM	////////////////////											10.5	////////////////	
TOTALS	56.3	20.5	9.7	2.7	.4							100.0	4.3	3.0

TOTAL NUMBER OF OBSERVATIONS 753

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	.8										4.1	2.8	2.0
020-040	9.4	5.6	2.4	.5								17.9	5.4	4.0
050-070	10.2	6.6	3.6	.8	.3							21.5	6.3	5.0
(E) 080-100	7.0	.5										7.5	2.5	2.0
110-130	4.5											4.5	2.1	2.0
140-160	3.3	.5										3.8	2.9	3.0
(S) 170-190	5.2	.1										5.3	2.2	2.0
200-220	5.0	.5		.1								5.7	3.0	2.0
230-250	6.1	1.6	1.6	.7	.1	.1						10.2	5.9	4.0
(W) 260-280	3.0	.5	.8	.1	.4							4.9	6.2	3.0
290-310	1.3	.3										1.6	2.8	2.0
320-340	1.1	.3										1.3	2.5	2.5
VARIABLE														
CALM	////////////////////											11.7	////	////
TOTALS	59.4	17.3	8.4	2.2	.8	.1						100.0	4.1	3.0
TOTAL NUMBER OF OBSERVATIONS 755														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.6	.7	.1									7.4	2.9	3.0
020-040	12.0	7.7	2.2	.1								22.1	5.3	4.0
050-070	5.0	5.3	4.4	.4	.1							15.2	7.2	7.0
(E) 080-100	4.9											4.9	1.8	1.0
110-130	3.3	.1										3.4	1.9	2.0
140-160	3.3	.5										3.8	2.2	2.0
(S) 170-190	4.5	.4										4.9	2.2	2.0
200-220	5.2	1.1	.3	.1								6.6	3.4	2.0
230-250	6.5	1.7	.3	.8	.5	.1						9.9	5.7	3.0
(W) 260-280	4.9	.4	.8	.3	.1							6.5	4.4	3.0
290-310	3.2	.1	.1									3.4	2.6	2.0
320-340	2.1											2.1	1.6	1.5
VARIABLE														
CALM	////////////////////////////////////											9.8	////////////////////////////////	
TOTALS	61.5	18.0	8.2	1.7	.7	.1						100.0	4.0	3.0

TOTAL NUMBER OF OBSERVATIONS 757

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.1	.7										6.8	2.5	2.0
020-040	14.5	8.9	3.1	.1								26.6	5.1	4.0
050-070	7.6	6.1	4.0	.7								18.4	6.5	6.0
(E) 080-100	4.4	.1										4.5	1.9	2.0
110-130	3.2	.1										3.3	2.0	2.0
140-160	4.0	.1										4.1	1.9	2.0
(S) 170-190	3.5	.1										3.6	2.7	3.0
200-220	4.9	.7										5.6	2.9	3.0
230-250	6.1	2.0	.7	.3	.5	.1	.1					9.8	5.8	3.0
(W) 260-20	3.2	1.1	.3	.4		.1						5.1	5.0	2.0
290-310	2.1	.3										2.4	2.4	2.0
320-340	3.1	.1										3.2	1.6	1.0
VARIABLE														
CALM	////////////////////////////////////											6.6	////////////////////////////////	
TOTALS	62.7	20.3	8.1	1.5	.5	.2	.1					100.0	4.1	3.0
TOTAL NUMBER OF OBSERVATIONS 752														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.8	.5	.1									6.4	2.6	2.0
020-040	13.8	6.7	2.8	.5	.0							23.8	5.1	4.0
050-070	9.4	6.0	3.6	.6	.1							19.8	6.0	5.0
(E) 080-100	5.2	.2										5.4	2.0	2.0
110-130	3.0	.0										3.0	1.9	2.0
140-160	3.0	.2	.0									3.3	2.3	2.0
(S) 170-190	4.1	.4	.0									4.6	2.6	2.0
200-220	4.3	.7	.1	.0								5.1	2.9	2.0
230-250	5.5	1.9	.9	.5	.2	.1	.0					9.1	5.5	3.0
(W) 260-280	3.3	1.0	.6	.3	.2	.1						5.3	5.5	3.0
290-310	2.4	.1	.0									2.5	2.1	2.0
320-340	2.0	.2	.0									2.2	2.0	1.0
VARIABLE														
CALM	////////////////////											9.5	////	////
TOTALS	61.8	17.9	8.1	1.9	.5	.2						100.0	4.0	3.0

TOTAL NUMBER OF OBSERVATIONS 5994

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2											4.2	2.3	2.0
020-040	10.5	4.2	7.4	1.1								23.2	7.2	5.5
050-070	9.5		2.1									11.6	4.3	3.0
(E) 080-100	4.2											4.2	2.0	2.0
110-130	5.3											5.3	2.4	3.0
140-160	4.2	2.1										6.3	3.2	3.5
(S) 170-190	4.2											4.2	2.8	3.0
200-220	5.3	3.2										8.4	3.9	4.0
230-250	9.5		1.1									10.5	3.6	3.0
(W) 260-280	1.1											1.1	3.0	3.0
290-310	4.2											4.2	2.8	2.5
320-340														
VARIABLE														
CALM	////////////////////////////////////											16.8	////////////////////////////////	
TOTALS	62.2	9.5	10.6	1.1								100.0	3.6	3.0

TOTAL NUMBER OF OBSERVATIONS 95

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	7.6	.3										7.9	2.7	3.0
020-040	16.4	27.0	5.4	.2								49.0	5.9	6.0
050-070	6.2	9.1	3.8	.3								19.4	6.8	7.0
(E) 080-100	1.4	.2										1.6	2.6	2.5
110-130	1.4											1.4	1.4	1.0
140-160	1.8	.5										2.3	2.8	2.0
(S) 170-190	2.3											2.3	2.1	2.0
200-220	1.8	.7										2.5	3.0	2.5
230-250	2.3	1.5	.3									4.1	4.7	4.0
(W) 260-280	1.4	.3	.1									1.8	3.1	2.0
290-310	1.5	.2										1.7	1.7	1.0
320-340	1.5											1.5	1.7	1.0
VARIABLE														
CALM	////////////////////											4.4	////	////
TOTALS	45.6	39.8	9.6	.5								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 871

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	8.9	.1										9.0	2.6	3.0
020-040	21.4	24.5	3.5	.2								49.6	5.4	5.0
050-070	5.9	9.5	3.2	.6								19.2	6.6	6.0
(E) 080-100	2.5											2.5	1.6	1.5
110-130	.8											.8	1.9	2.0
140-160	2.0	.3										2.3	2.3	2.0
(S) 170-190	1.4											1.4	1.9	2.0
200-220	2.0	.6										2.5	3.3	3.0
230-250	2.4	1.5	.1									4.0	4.1	4.0
(W) 260-280	1.0	.2	.8	.1								2.2	6.8	5.0
290-310	1.4											1.4	1.6	1.0
320-340	1.3											1.3	1.8	2.0
VARIABLE														
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	51.0	36.7	7.6	.9								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 865

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.7	1.6										11.2	3.2	3.0
020-040	19.3	18.9	5.1	.7								44.0	5.7	5.0
050-070	8.8	9.1	4.2	.2								22.3	6.2	6.0
(E) 080-100	2.5	.1										2.6	2.1	2.0
110-130	1.3											1.3	2.0	2.0
140-160	1.1	.1										1.2	2.6	2.0
(S) 170-190	1.1	.1										1.2	3.6	4.0
200-220	2.2	.5	.1									2.7	3.6	3.0
230-250	1.1	1.6	.5									3.2	5.8	6.5
(W) 260-280	.9	.3	.5		.1							1.8	7.1	5.5
290-310	1.1											1.1	1.9	2.0
320-340	1.6											1.6	1.6	1.0
VARIABLE														
CALM	////////////////////////////////////											5.7	////////////////////////////////	
TOTALS	50.7	32.3	10.4	.9	.1							100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS 880

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6		.1									3.8	2.7	2.0
020-040	15.3	16.8	5.8	.8								38.7	6.0	5.0
050-070	9.0	16.0	7.9	1.5	.1							34.4	7.4	7.5
(E) 080-100	2.4	.3	.2									3.0	3.5	3.0
110-130	2.1											2.1	1.9	2.0
140-160	1.0	.2										1.3	2.9	3.0
(S) 170-190	.7	.2	.1									1.0	3.9	3.0
200-220	1.0	.1										1.1	3.4	4.0
230-250	1.8	1.0	.6	.1								3.5	5.8	4.0
(W) 260-280	1.8	.9	.3	.2								3.3	5.3	4.0
290-310	1.1											1.1	2.0	1.5
320-340	.6	.1										.7	2.8	2.5
VARIABLE														
CALM	////////////////////////////////////											6.0	////////////////////////////////	
TOTALS	40.4	35.6	15.0	2.6	.1							100.0	5.6	5.0
TOTAL NUMBER OF OBSERVATIONS 877														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.2	.1									2.9	2.7	2.0
020-040	13.5	17.9	5.8	.8								37.9	6.1	6.0
050-070	9.4	13.0	7.7	2.0	.1							32.3	7.5	7.0
(E) 080-100	3.7	1.8	.7									6.2	4.5	3.5
110-130	2.2	.1	.1									2.4	2.8	2.0
140-160	.6											.6	2.4	2.0
(S) 170-190	1.2	.2	.1									1.5	3.9	3.0
200-220	1.4	.3										1.7	3.8	4.0
230-250	2.4	2.1	.5		.1							5.1	5.3	5.0
(W) 260-280	1.6	1.3	.5	.1								3.5	6.0	6.0
290-310	.9											.9	1.6	1.5
320-340	.2	.1										.3	3.3	4.0
VARIABLE														
CALM	////////////////////											4.7	////	////
TOTALS	39.6	37.0	15.5	2.9	.2							100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 868

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.7	.3	.3									2.4	4.1	3.0
020-040	8.4	13.1	6.3	1.7								29.5	7.2	7.0
050-070	8.8	11.8	7.5	1.9	.1							30.1	7.4	7.0
(E) 080-100	6.8	2.7	.3									9.8	3.8	3.0
110-130	3.8	.1	.1	.1								4.2	3.1	2.0
140-160	2.6	.1										2.7	2.5	2.0
(S) 170-190	2.9	.3										3.3	2.6	2.0
200-220	1.7	.8	.1									2.6	4.2	3.0
230-250	2.9	1.8	.3	.2								5.3	5.1	4.0
(W) 260-280	2.1	1.0	.2									3.4	4.7	3.5
290-310	.8											.8	1.9	2.0
320-340	.3											.3	1.0	1.0
VARIABLE														
CALM	////////////////////											5.6	////	////
TOTALS	42.8	32.0	15.1	3.9	.1							100.0	5.7	5.0
TOTAL NUMBER OF OBSERVATIONS 885														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.0	1.1	.1									5.2	3.1	2.0
020-040	9.6	16.3	5.3	1.1								32.3	6.7	6.0
050-070	6.9	10.7	5.3	1.0								23.9	7.2	7.0
(E) 080-100	4.1	.2										4.3	2.3	2.0
110-130	4.5	.2										4.7	2.3	2.0
140-160	1.7		.1									1.8	2.1	1.0
(S) 170-190	2.9											2.9	2.0	2.0
200-220	3.2	.5	.3									4.0	3.5	3.0
230-250	4.4	1.9	.3	.2								6.9	3.9	3.0
(W) 260-280	3.0	.6										3.6	2.9	2.0
290-310	.8											.8	2.1	2.0
320-340	1.2											1.2	1.7	1.0
VARIABLE														
CALM	////////////////////											8.4	////	////
TOTALS	46.3	31.5	11.4	2.3								100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS 886

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	.9										6.3	2.8	3.0
020-040	15.0	25.0	7.9	.7	.1							48.7	6.4	6.0
050-070	4.4	7.2	5.0	.5	.1							17.1	7.4	8.0
(E) 080-100	.8	.1										.9	2.8	2.5
110-130	1.1	.2										1.4	3.0	3.0
140-160	1.7	.1										1.8	2.3	2.0
(S) 170-190	2.0	.3										2.4	2.7	2.0
200-220	2.7	.6	.1									3.4	3.6	4.0
230-250	2.9	1.0	.2									4.2	3.7	3.0
(W) 260-280	2.1	.8										2.9	3.1	2.5
290-310	1.5											1.5	1.8	1.0
320-340	3.2	.1										3.3	1.8	2.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	42.8	36.3	13.2	1.2	.2							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 887

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.4	.6	.1									6.1	2.9	3.0
020-040	14.8	19.9	5.6	.8	.0							41.2	6.1	6.0
050-070	7.4	10.8	5.6	1.0	.1							24.8	7.1	7.0
(E) 080-100	3.0	.7	.2									3.9	3.3	3.0
110-130	2.2	.1	.0	.0								2.3	2.4	2.0
140-160	1.6	.2	.0									1.8	2.5	2.0
(S) 170-190	1.8	.2	.0									2.0	2.7	2.0
200-220	2.0	.5	.1									2.6	3.6	3.0
230-250	2.6	1.6	.4	.1	.0							4.5	4.7	4.0
(W) 260-280	1.8	.7	.3	.1	.0							2.8	4.8	3.0
290-310	1.1	.0										1.2	1.8	1.5
320-340	1.2	.0										1.3	1.8	1.5
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	44.9	35.3	12.3	2.0	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 7019

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010		1.5											1.5	5.0	5.0
020-040	6.0	13.4	9.0										28.4	7.6	8.0
050-070	4.5	10.4	1.5										16.4	5.6	6.0
(E) 080-100	3.0												3.0	2.5	2.5
110-130	1.5												1.5	2.0	2.0
140-160	1.5												1.5	2.0	2.0
(S) 170-190	9.0												9.0	2.8	2.5
200-220	9.0	1.5											10.4	3.1	2.0
230-250	7.5	1.5	1.5										10.4	3.6	3.0
(W) 260-280	3.0												3.0	3.0	3.0
290-310															
320-340	3.0												3.0	3.0	3.0
VARIABLE															
CALM	////////////////////////////////////											11.9	////////////////////////////////		
TOTALS	48.0	28.3	12.0										100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 67

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.2	.1									4.6	3.8	3.0
020-040	10.9	29.4	11.4									51.8	7.0	7.0
050-070	4.5	6.8	3.9	.5								15.6	7.1	7.0
(E) 080-100	1.6	.1										1.8	2.6	2.0
110-130	1.3											1.3	2.6	3.0
140-160	1.6											1.6	2.3	2.0
(S) 170-190	1.8	.1										1.9	2.9	3.0
200-220	3.2	.7										3.9	3.6	4.0
230-250	2.9	2.9	.5									6.4	5.3	5.0
(W) 260-280	2.2	.8	.2	.1								3.4	4.4	3.0
290-310	.9	.2										1.2	3.5	2.5
320-340	1.8	.4										2.1	2.3	2.0
VARIABLE														
CALM	////////////////////											4.5	////	////
TOTALS	36.0	42.6	16.1	.6								100.0	5.8	5.0
TOTAL NUMBER OF OBSERVATIONS 850														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.7	2.1										7.8	3.7	4.0
020-040	13.6	27.5	5.9	.1								47.1	6.4	6.0
050-070	4.4	9.6	3.8	.1								17.9	7.0	7.0
(E) 080-100	1.7											1.7	2.2	2.0
110-130	.6	.1										.7	3.0	3.0
140-160	1.3											1.3	1.7	1.0
(S) 170-190	1.9	.2										2.1	2.8	3.0
200-220	3.7	.8										4.5	3.2	3.0
230-250	3.2	2.8	.5									6.5	5.3	5.0
(W) 260-280	1.7	.5	.1									2.2	3.6	3.0
290-310	1.3	.1										1.4	2.3	2.0
320-340	2.6											2.6	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	41.7	43.7	10.3	.2								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.4	3.1	.2									7.7	4.5	4.0
020-040	10.0	22.7	9.5	.9	.1							43.2	7.3	7.0
050-070	3.4	11.6	5.4	.2								20.6	7.3	7.0
(E) 080-100	1.3	.8	.1									2.2	4.5	4.0
110-130	.8	.2										1.0	3.1	3.0
140-160	1.3	.1										1.4	2.2	2.0
(S) 170-190	2.4	.2										2.6	2.8	3.0
200-220	2.6	1.1	.1									3.9	3.7	3.0
230-250	3.4	3.9	1.0									8.4	5.7	6.0
(W) 260-280	1.5	1.0	.2									2.7	4.9	4.0
290-310	.7	.2										.9	3.0	2.0
320-340	1.0	.1	.1									1.3	3.6	3.0
VARIABLE														
CALM	////////////////////											4.1	////	////
TOTALS	32.8	45.0	16.6	1.1	.1							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 873

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	2.1	.2									4.3	4.7	5.0
020-040	9.8	22.2	6.9	.7								39.6	6.8	6.0
050-070	6.7	13.1	7.2	.8								27.9	7.4	7.0
(E) 080-100	2.0	1.2	.1									3.3	3.8	4.0
110-130	1.3	.1										1.4	2.3	2.0
140-160	.9	.2										1.2	2.9	2.5
(S) 170-190	1.4	.1	.2									1.8	3.8	3.0
200-220	1.2	.5										1.7	3.9	3.0
230-250	3.2	2.5	1.8	.2								7.7	6.6	6.0
(W) 260-280	1.7	2.4	1.1	.2								5.3	6.8	6.0
290-310	.2	.1										.4	2.7	2.0
320-340	.6	.4										.9	3.9	4.0
VARIABLE														
CALM	////////////////////////////////////										4.6	////////////////////////////////		
TOTALS	30.9	44.9	17.5	1.9								100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 846														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.7	1.4	.1									4.2	3.8	3.5
020-040	7.5	15.3	8.2	1.2	.1	.1						32.4	7.6	7.0
050-070	6.1	12.1	4.7	1.0								24.0	7.2	7.0
(E) 080-100	4.6	3.8	.8	.2								9.5	5.0	5.0
110-130	1.8	.6	.1									2.5	3.8	3.0
140-160	1.5	.2		.1								1.8	3.9	3.0
(S) 170-190	1.6	.2										1.8	3.3	3.0
200-220	1.4	.5										1.8	3.4	3.0
230-250	2.5	3.7	2.3	.3	.3							9.2	7.7	7.0
(W) 260-280	2.1	2.3	1.0	.3		.1						5.9	7.3	7.0
290-310	.8	.7	.2									1.7	5.3	5.0
320-340	.9	.1										1.0	3.3	4.0
VARIABLE														
CALM	////////////////////											3.9	//////////	
TOTALS	33.5	40.9	17.4	3.1	.4	.2						100.0	6.4	6.0
TOTAL NUMBER OF OBSERVATIONS 865														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	1.2	.4									4.1	4.7	4.0
020-040	5.1	13.4	8.0	1.2	.1	.1						27.9	8.0	8.0
050-070	5.9	13.4	6.1	1.5	.1							27.1	7.6	7.0
(E) 080-100	4.2	4.1	.8									9.2	5.3	5.0
110-130	2.2	.7										2.9	3.5	3.0
140-160	.9	.6										1.5	4.1	4.0
(S) 170-190	1.5	.1										1.6	2.9	3.0
200-220	1.3	.6										1.9	3.6	3.0
230-250	3.9	2.8	1.2	.5								8.4	6.1	5.0
(W) 260-280	2.0	3.2	1.9	.2	.1	.2						7.7	7.8	7.0
290-310	1.3	.7										2.0	4.4	4.0
320-340	1.1	.2										1.3	3.2	3.0
VARIABLE														
CALM	////////////////////											4.4	////	////
TOTALS	32.0	41.0	18.4	3.4	.3	.3						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 647

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	1.4	.2									3.5	5.3	4.0
020-040	6.2	15.4	11.4	1.2	.3							34.5	8.2	8.0
050-070	6.5	10.0	4.1	1.0								21.6	7.1	7.0
(E) 080-100	4.6	2.4	.5									7.5	4.2	4.0
110-130	3.7	.6										4.3	2.9	3.0
140-160	1.5	.1										1.6	1.9	1.0
(S) 170-190	1.3	.2										1.5	3.1	2.0
200-220	2.0	.7										2.7	3.7	3.0
230-250	3.6	3.7	1.0	.1								8.5	5.7	5.0
(W) 260-280	2.9	3.4	.3	.2								6.9	5.6	5.0
290-310	1.7	.5										2.2	3.6	3.0
320-340	1.3	.8	.1									2.2	4.4	4.0
VARIABLE														
CALM	////////////////////											3.0	////	////
TOTALS	37.2	39.2	17.6	2.5	.3							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.8	1.7	.2									6.7	3.9	4.0
020-040	8.0	22.1	12.6	.7								43.5	7.7	8.0
050-070	3.4	9.8	3.4	.6								17.3	7.2	7.0
(E) 080-100	2.8	.8	.1									3.8	3.4	3.0
110-130	2.0											2.0	2.1	2.0
140-160	1.7	.1										1.8	3.0	3.0
(S) 170-190	.8	.2										1.1	3.1	3.0
200-220	2.7	.5										3.2	2.9	3.0
230-250	3.5	2.2	.6	.1								6.5	4.9	4.0
(W) 260-280	3.4	1.2										4.6	3.5	3.0
290-310	1.8	.5										2.2	2.5	2.0
320-340	2.1	.6										2.7	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////										4.6	////////////////////////////////		
TOTALS	37.0	39.7	16.9	1.4								100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.4	1.8	.2									5.4	4.2	4.0
020-040	8.9	21.0	9.2	.7	.1	.0						40.0	7.3	7.0
050-070	5.1	10.8	4.8	.7	.0							21.5	7.3	7.0
(E) 080-100	2.9	1.7	.3	.0								4.9	4.4	4.0
110-130	1.7	.3	.0									2.0	3.0	3.0
140-160	1.3	.2		.0								1.5	2.8	2.0
(S) 170-190	1.6	.2	.0									1.8	3.1	3.0
200-220	2.3	.7	.0									2.9	3.5	3.0
230-250	3.3	3.1	1.1	.2	.0							7.7	6.0	5.0
(W) 260-280	2.2	1.8	.6	.1	.0	.0						4.8	6.0	5.0
290-310	1.1	.4	.0									1.5	3.5	3.0
320-340	1.4	.3	.0									1.8	3.2	3.0
VARIABLE														
CALM	////////////////////											4.2	////	////
TOTALS	35.2	42.3	16.2	1.7	.1							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 6835

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.3										5.0	7.0	8.0
020-040	5.0	16.7	10.0	3.3								35.0	8.7	8.0
050-070	1.7		3.3									5.0	9.3	10.0
(E) 080-100	3.3	1.7										5.0	4.3	4.0
110-130														
140-160														
(S) 170-190	6.7	1.7										8.3	4.6	4.0
200-220	16.7											16.7	2.4	2.0
230-250	5.0	1.7	3.3									10.0	6.2	5.5
(W) 260-280	3.3	1.7										5.0	4.0	4.0
290-310														
320-340	1.7	1.7										3.3	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											6.7	////////////////////////////////	
TOTALS	45.1	28.5	16.6	3.3								100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 60

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	1.8										5.1	3.9	3.0
020-040	11.0	23.8	6.9	.5								42.1	6.7	6.0
050-070	7.0	9.4	4.4	.2								21.0	6.5	6.0
(E) 080-100	3.0	.7	.1									3.8	3.4	3.0
110-130	1.6											1.6	2.1	2.0
140-160	1.5											1.5	2.2	2.0
(S) 170-190	2.7	.1										2.8	2.8	3.0
200-220	3.2	.9										4.2	3.5	4.0
230-250	3.9	4.0	.7									8.7	5.2	5.0
(W) 260-280	3.8	1.2	.2	.1								5.3	4.3	3.0
290-310	1.3	.1										1.4	2.6	2.0
320-340	1.2	.2										1.4	2.4	2.0
VARIABLE														
CALM	////////////////////											1.2	////////////////	
TOTALS	43.4	42.2	12.3	.8								100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 866

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.5	2.1	.2									5.9	4.1	4.0
020-040	12.4	21.7	7.5	.7								42.4	6.7	6.0
050-070	4.9	12.3	4.3	.2								21.8	7.1	7.0
(E) 080-100	2.2	.4										2.6	2.7	2.0
110-130	1.1											1.1	1.4	1.0
140-160	1.4											1.4	2.1	2.0
(S) 170-190	1.3	.1										1.4	3.0	3.0
200-220	4.0	2.1										6.1	3.9	4.0
230-250	4.6	4.3	1.5									10.4	5.6	5.0
(W) 260-280	1.9	1.2										3.1	4.1	4.0
290-310	1.2	.4										1.5	2.9	3.0
320-340	.7	.1										.8	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	39.2	44.7	13.5	.9								100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 852

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.3	4.1	.3									7.8	5.2	5.0
020-040	4.2	16.3	11.2	.9								32.6	8.4	8.5
050-070	4.1	13.4	7.4	.9								25.8	7.9	7.0
(E) 080-100	1.7	1.4	.3									3.4	5.3	5.0
110-130	1.1	.1										1.2	3.1	3.0
140-160	1.4	1.0										2.4	4.8	4.0
(S) 170-190	.9	.2										1.1	3.0	3.0
200-220	2.8	2.2										5.0	4.4	4.0
230-250	3.9	5.2	1.4	.6								11.1	6.5	6.0
(W) 260-280	1.6	1.6	.9	.1								4.1	6.6	6.0
290-310	1.6	.2										1.8	2.8	2.5
320-340	1.7	.4										2.1	3.4	3.0
VARIABLE														
CALM	////////////////////											1.7	////////////////	
TOTALS	28.3	46.1	21.5	2.5								100.0	6.9	7.0

TOTAL NUMBER OF OBSERVATIONS 903

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.0	2.4	.7									7.1	4.9	4.0
020-040	4.3	13.8	6.6	.5	.1							25.3	7.8	8.0
050-070	3.4	11.9	7.7	.3								23.4	8.1	8.0
(E) 080-100	2.5	3.6	1.0	.1								7.3	6.2	6.0
110-130	.5	1.0										1.5	4.6	5.0
140-160	.5	.3										.8	4.4	4.0
(S) 170-190	.9	.7										1.6	4.1	4.0
200-220	1.7	1.7										3.4	4.4	4.5
230-250	2.7	5.6	2.8	.7								11.8	7.3	6.5
(W) 260-280	3.0	5.6	1.0	.6								10.1	6.3	5.0
290-310	2.4	1.5	.3									4.2	4.5	4.0
320-340	1.6	1.3										2.8	4.2	4.0
VARIABLE														
CALM	////////////////////											.7	////////////////	
TOTALS	27.5	49.4	20.1	2.2	.1							100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 879

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	3.3	.5									6.2	5.6	5.0
020-040	2.4	10.9	5.7	.6								19.6	8.1	8.0
050-070	3.0	9.2	7.3	1.1								20.6	8.6	9.0
(E) 080-100	1.5	4.8	2.2									8.5	7.3	7.0
110-130	1.1	1.3	.1									2.5	4.8	5.0
140-160	1.5	.7	.1	.1								2.4	5.1	4.0
(S) 170-190	1.5	1.8	.1									3.4	5.0	5.0
200-220	3.0	2.7	.3									6.1	5.1	5.0
230-250	2.4	5.1	1.9	.2								9.7	6.7	6.0
(W) 260-280	4.8	6.5	2.2	.2								13.7	6.3	6.0
290-310	3.0	1.6	.2									4.8	4.5	4.0
320-340	1.4	.7	.1									2.2	4.6	4.0
VARIABLE														
CALM	////////////////////											.3	////////////////	
TOTALS	28.0	48.6	20.7	2.2								100.0	6.9	6.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.3	3.5	.8									6.6	6.0	6.0
020-040	2.2	9.6	5.5	1.1								18.4	8.5	8.0
050-070	2.3	9.4	7.7	2.1	.1							21.6	9.2	9.0
(E) 080-100	.8	6.0	1.2	.1								8.1	7.3	7.0
110-130	1.2	2.2	.1	.1								3.7	5.7	6.0
140-160	1.0	1.1	.1									2.2	4.8	5.0
(S) 170-190	1.2	1.2	.1									2.6	4.7	5.0
200-220	1.9	1.9	.2									4.0	5.3	5.0
230-250	3.6	4.8	.9	.4								9.7	6.2	5.0
(W) 260-280	3.3	7.1	3.0	.4								13.9	7.3	7.0
290-310	2.6	2.9	.3									5.8	5.2	5.0
320-340	2.0	1.1	.2									3.3	4.6	4.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	24.4	50.8	20.1	4.2	.1							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	2.4	.7									5.4	5.6	5.0
020-040	2.9	8.7	7.9	2.5								21.9	9.2	9.0
050-070	3.1	11.5	8.6	1.9								25.1	9.0	9.0
(E) 080-100	1.6	4.7	.6									6.8	6.4	6.0
110-130	1.1	1.1	.1									2.4	4.7	5.0
140-160	1.1	.5		.1								1.7	4.6	4.0
(S) 170-190	2.4	.7										3.1	3.3	3.0
200-220	2.1	1.1	.1									3.3	4.0	4.0
230-250	2.7	3.4	1.5	.2								7.9	6.6	6.0
(W) 260-280	4.8	7.1	2.6		.1							14.6	6.4	6.0
290-310	2.3	1.0	.2									3.5	4.2	4.0
320-340	1.4	1.3										2.6	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	27.8	43.5	22.3	4.7	.1							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 877

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	1.8										5.4	4.0	4.0
020-040	7.8	15.7	7.0	.8								31.3	7.3	7.0
050-070	4.7	12.0	5.5	.6								22.8	7.6	8.0
(E) 080-100	3.5	1.8	.3									5.6	4.5	4.0
110-130	2.6	.1										2.8	2.9	3.0
140-160	2.4											2.4	2.1	2.0
(S) 170-190	1.6	.3										2.0	3.1	2.0
200-220	2.2	1.3										3.5	4.0	3.5
230-250	4.0	3.0	.9									7.9	5.3	4.0
(W) 260-280	4.6	3.5	1.0									9.1	5.1	4.0
290-310	2.6	.3	.1									3.1	3.0	2.0
320-340	2.0	.2										2.2	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	41.6	40.0	14.8	1.4								100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 869

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.1	2.7	.4									6.2	5.0	5.0
020-040	5.9	15.0	7.3	.9	.0							29.1	7.6	7.0
050-070	4.1	11.1	6.6	.9	.0							22.8	8.0	8.0
(E) 080-100	2.1	2.9	.7	.0								5.8	5.9	6.0
110-130	1.3	.7	.0	.0								2.1	4.1	4.0
140-160	1.4	.5	.0	.0								1.9	3.9	3.0
(S) 170-190	1.6	.7	.0									2.2	3.8	3.0
200-220	2.6	1.8	.1									4.4	4.4	4.0
230-250	3.5	4.4	1.5	.3								9.7	6.2	5.0
(W) 260-280	3.5	4.2	1.4	.2	.0							9.3	6.2	6.0
290-310	2.1	1.0	.2									3.3	4.1	3.0
320-340	1.5	.7	.0									2.2	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	32.7	45.7	18.2	2.3								100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 7018

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	2.4	1.2									6.0	5.4	6.0
020-040	1.2	1.2	4.8	6.0								13.3	12.6	13.0
050-070	2.4	8.4	20.5	6.0								37.3	11.0	12.0
(E) 080-100	1.2	2.4	2.4									6.0	7.4	7.0
110-130	2.4	1.2										3.6	3.0	2.0
140-160	2.4	2.4										4.8	5.3	5.5
(S) 170-190	1.2											1.2	2.0	2.0
200-220	4.8	6.0										10.8	5.1	5.0
230-250	3.6	1.2	2.4	1.2								8.4	8.0	6.0
(W) 260-280	3.6	1.2	1.2									6.0	4.8	4.0
290-310	2.4											2.4	3.5	3.5
320-340														
VARIABLE														
CALM	////////////////////////////////////										.0	////////////////////////////////		
TOTALS	27.6	26.4	32.5	13.2								100.0	8.5	8.0

TOTAL NUMBER OF OBSERVATIONS 83

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	1.1	.1									3.6	3.5	2.0
020-040	10.8	6.4	2.0	.1								19.3	5.0	4.0
050-070	9.7	6.5	1.7	.4								18.3	5.2	4.0
(E) 080-100	7.3	.5	.1									7.9	2.7	3.0
110-130	5.0	.1										5.2	2.4	2.5
140-160	4.2	.1										4.3	2.4	2.0
(S) 170-190	5.2	.6										5.8	2.9	3.0
200-220	6.2	2.1										8.2	3.6	4.0
230-250	5.2	7.5	1.5									14.1	5.9	6.0
(W) 260-280	3.1	2.1	.4									5.5	4.4	4.0
290-310	2.8	.6										3.4	2.8	2.0
320-340	1.8	.1										2.0	2.3	2.0
VARIABLE														
CALM	////////////////////											2.3	////////////////	
TOTALS	63.6	27.7	5.8	.5								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 813

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.1	1.2										4.3	3.8	4.0
020-040	11.6	8.9	2.2	.1								22.8	5.2	4.0
050-070	8.0	8.4	2.8	.2								19.5	6.0	5.0
(E) 080-100	5.6	.9										6.4	2.8	3.0
110-130	2.7											2.7	1.9	2.0
140-160	2.0											2.0	1.9	2.0
(S) 170-190	3.8	.5										4.3	2.6	2.0
200-220	6.9	2.5										9.4	3.6	3.0
230-250	6.9	9.5	1.0	.1								17.5	5.4	5.0
(W) 260-280	3.1	2.0	.2									5.3	4.3	4.0
290-310	1.9	.7										2.6	3.4	3.0
320-340	1.2	.2										1.5	2.9	2.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	56.8	34.8	6.2	.4								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 810

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	3.7	.4									7.4	5.0	5.0
020-040	3.6	12.5	3.2	.4								19.6	7.0	7.0
050-070	4.3	9.5	3.6	.6								18.0	7.0	6.0
(E) 080-100	2.9	3.0										6.0	4.7	5.0
110-130	1.9	.8										2.7	3.4	4.0
140-160	1.8	.9										2.7	3.8	4.0
(S) 170-190	2.8	.8										3.6	3.6	4.0
200-220	3.0	4.3	.7									8.1	5.8	5.0
230-250	3.5	9.8	3.4	.2								17.0	6.9	6.0
(W) 260-280	3.3	2.8	.7	.1								6.9	5.5	5.0
290-310	1.3	1.1										2.3	4.3	4.0
320-340	1.8	1.3	.4									3.4	4.8	4.0
VARIABLE														
CALM	////////////////////											2.3	////	////
TOTALS	33.5	50.5	12.4	1.3								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 855

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	3.4	.1	.1								7.5	4.5	4.0
020-040	3.9	7.5	2.8	.5								14.6	7.2	7.0
050-070	3.4	8.7	2.7	.7								15.4	7.3	7.0
(E) 080-100	2.2	4.6	.5									7.2	5.8	5.5
110-130	1.7	1.3										3.0	4.4	4.0
140-160	1.3	1.0										2.3	3.8	3.0
(S) 170-190	2.2	.6										2.8	3.1	3.0
200-220	3.3	3.0	.7	.1								7.1	5.4	5.0
230-250	3.5	10.9	2.4	.7	.2							17.7	7.1	6.0
(W) 260-280	4.6	7.0	1.6	.4								13.5	6.3	6.0
290-310	2.7	2.1										4.7	4.1	4.0
320-340	1.8	1.0	.1									2.9	3.8	3.0
VARIABLE														
CALM	////////////////////											1.2	////	////
TOTALS	34.5	51.1	10.9	2.5	.2							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 829

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.5	1.9	.1									5.5	4.4	4.0
020-040	2.7	6.4	2.5	.2	.1							11.9	7.6	7.0
050-070	2.7	6.8	3.0	1.0	.1							13.5	8.2	8.0
(E) 080-100	1.6	5.1	.6	.1	.1							7.5	6.7	6.0
110-130	1.3	1.4	.4									3.1	5.7	5.5
140-160	1.6	1.8										3.4	4.6	5.0
(S) 170-190	2.5	.8										3.4	3.8	4.0
200-220	2.9	3.3	1.0									7.1	5.7	5.0
230-250	4.0	11.1	2.5	.7								18.3	7.1	6.5
(W) 260-280	4.1	8.7	3.3	.5								16.5	7.1	7.0
290-310	3.4	3.1	.2									6.8	4.8	4.5
320-340	1.3	1.0										2.3	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	31.6	51.4	13.6	2.5	.3							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 829

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	3.3	.2									5.8	5.1	5.0
020-040	2.5	3.9	2.4	.4								9.2	7.4	7.0
050-070	2.3	6.3	2.8	1.0	.6							12.9	8.8	8.0
(E) 080-100	2.2	4.7	.8	.4								8.1	6.5	6.0
110-130	2.4	1.9	.1									4.5	4.3	4.0
140-160	1.4	1.3										2.8	4.2	4.0
(S) 170-190	3.0	1.2										4.2	3.7	4.0
200-220	3.4	2.8	.5	.1								6.7	5.1	4.5
230-250	4.3	8.9	2.9	.8								17.0	7.0	7.0
(W) 260-280	3.9	9.9	4.1	.7								18.6	7.1	7.0
290-310	4.1	3.7	.4									8.2	5.0	4.5
320-340	1.4	.5										1.9	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	33.2	48.4	14.2	3.4	.6							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 830

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	1.1	.1									3.3	4.1	4.0
020-040	4.4	3.9	1.7	.2								10.2	6.2	5.0
050-070	4.2	7.6	3.7	1.2	.1							16.7	7.7	8.0
(E) 080-100	2.9	3.8	1.1	.2								8.0	5.9	5.0
110-130	3.2	2.4		.1								5.7	4.8	4.0
140-160	3.3	1.4		.1								4.9	4.3	4.0
(S) 170-190	4.0	1.0										5.0	3.4	3.0
200-220	5.8	3.2	.4									7.4	4.6	4.0
230-250	3.8	6.4	3.0	.5								13.7	7.3	7.0
(W) 260-280	4.4	8.7	3.2	.2								16.5	6.8	6.0
290-310	3.2	2.6										5.8	4.3	4.0
320-340	1.0	.6										1.5	3.9	4.0
VARIABLE														
CALM	////////////////////											1.3	////	////
TOTALS	40.3	42.7	13.2	2.5	.1							100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 842

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.2	.1									4.7	3.7	3.5
020-040	7.3	3.9	1.1	.2								12.5	4.7	4.0
050-070	7.4	7.4	3.3	.6	.1							18.8	6.2	5.0
(E) 080-100	4.6	2.3	.4									7.3	3.9	3.0
110-130	4.6	.5										5.0	2.7	3.0
140-160	4.7	1.4										6.0	3.4	3.0
(S) 170-190	5.2	.5										5.7	2.9	3.0
200-220	7.0	1.8										8.9	3.5	3.0
230-250	5.5	6.6	1.1	.1								13.4	5.6	5.0
(W) 260-280	4.6	3.4	.4									8.4	4.6	4.0
290-310	2.7	1.1	.1									3.9	3.6	3.0
320-340	2.3	.4										2.7	3.3	3.0
VARIABLE														
CALM	////////////////////											2.7	////	////
TOTALS	59.2	30.5	6.5	.9	.1							100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 813

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN %	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.1	.2	.0								5.3	4.4	4.0
020-040	5.8	6.7	2.2	.3	.0							15.0	6.1	5.0
050-070	5.2	7.6	3.0	.7	.1							16.6	6.9	6.0
(E) 080-100	3.6	3.1	.4	.1	.0							7.3	4.9	5.0
110-130	2.8	1.1	.1	.0								4.0	3.7	3.0
140-160	2.5	1.0		.0								3.5	3.6	3.0
(S) 170-190	3.6	.8										4.3	3.2	3.0
200-220	4.5	2.9	.4	.0								7.9	4.6	4.0
230-250	4.6	8.9	2.2	.4	.0							16.1	6.6	6.0
(W) 260-280	3.9	5.6	1.7	.2								11.4	6.3	6.0
290-310	2.7	1.9	.1									4.7	4.3	4.0
320-340	1.6	.6	.1									2.3	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	43.8	42.3	10.4	1.7	.1							100.0	5.5	5.0
TOTAL NUMBER OF OBSRVATIONS 6621														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.5	1.8										7.3	4.3	4.0
020-040	9.1	1.8	1.8									12.7	5.1	4.0
050-070	9.1	3.6	10.9	1.8								25.5	8.7	8.0
(E) 080-100	5.5	1.8										7.3	3.0	2.0
110-130	1.8											1.8	2.0	2.0
140-160	5.5											5.5	3.0	3.0
(S) 170-190		1.8										1.8	5.0	5.0
200-220		1.8	1.8									3.6	9.0	9.0
230-250	1.8		7.3		1.8							10.9	11.8	11.5
(W) 260-280		3.6	7.3	5.5								16.4	12.4	11.0
290-310	1.8	1.8										3.6	5.5	5.5
320-340	1.8	1.8										3.6	4.0	4.0
VARIABLE														
CALM	////////////////////											.0	////////	
TOTALS	41.9	19.8	29.1	7.3	1.8							100.0	7.7	5.0

TOTAL NUMBER OF OBSERVATIONS 55

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.5	.2										2.7	2.7	3.0
020-040	7.9	5.5	.9									14.3	4.7	4.0
050-070	7.8	6.1	.9	.1								14.9	5.0	4.0
(E) 080-100	5.8											5.8	2.3	2.0
110-130	3.0											3.0	2.1	2.0
140-160	3.3	.4										3.7	2.5	2.0
(S) 170-190	6.5	.4										6.8	2.8	3.0
200-220	8.7	5.8	.2									14.8	4.4	4.0
230-250	6.6	14.0	2.4									23.0	6.2	6.0
(W) 260-280	2.2	2.4										4.6	4.5	5.0
290-310	2.1	.4										2.5	3.0	3.0
320-340	1.5											1.5	2.8	3.0
VARIABLE														
CALM	////////////////////										2.5	////////////////		
TOTALS	57.9	35.2	4.4	.1								100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6	.6										2.2	3.8	4.0
020-040	11.6	8.7	1.1									21.4	4.8	4.0
050-070	8.0	4.7	.7	.1								13.6	4.8	4.0
(E) 080-100	4.1	.1										4.2	2.0	2.0
110-130	2.2											2.2	2.0	2.0
140-160	2.1	.2										2.4	2.4	2.0
(S) 170-190	4.0	.1										4.1	2.5	2.0
200-220	7.8	5.6										13.4	4.2	4.0
230-250	7.7	15.8	2.8	.2								26.6	6.3	6.0
(W) 260-280	2.5	2.0	.1	.1								4.7	4.9	4.0
290-310	1.2	.2										1.5	2.8	2.5
320-340	1.5											1.5	2.9	3.0
VARIABLE														
CALM	////////////////////											2.2	////	////
TOTALS	54.3	38.0	4.7	.4								100.0	4.6	4.0

TOTAL NUMBER OF OBSERVATIONS 808

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.8	1.5										4.2	4.1	4.0
020-040	3.8	10.5	3.0	.6								17.9	7.0	6.5
050-070	5.2	9.3	1.0	.2								15.8	5.8	5.0
(E) 080-100	2.3	.8										3.2	3.5	3.0
110-130	1.5	.1										1.6	2.8	3.0
140-160	.8	.2		.1								1.2	4.4	3.0
(S) 170-190	2.8	1.0										3.8	3.5	3.0
200-220	5.8	4.7	1.3									11.9	5.5	5.0
230-250	5.1	14.9	7.5	.8	.1							28.5	7.7	7.0
(W) 260-280	2.4	2.3	.4									5.1	5.1	5.0
290-310	1.8	.7										2.5	3.4	3.0
320-340	1.2	.6										1.8	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	35.5	46.6	13.2	1.7	.1							100.0	6.0	5.0
TOTAL NUMBER OF OBSERVATIONS 825														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.6										4.6	4.1	4.0
020-040	5.0	6.9	1.1	.1								13.2	5.6	5.0
050-070	3.2	8.4	1.4	.2								13.2	6.7	7.0
(E) 080-100	2.5	3.0	.1									5.5	5.2	5.0
110-130	1.7	.6										2.3	3.5	4.0
140-160	.9	.7										1.6	4.1	4.0
(S) 170-190	1.6	.1	.1									1.8	3.7	3.0
200-220	3.3	3.3	.5	.4								7.5	5.7	5.0
230-250	6.4	13.3	8.4	.9	.4							29.3	7.9	8.0
(W) 260-280	3.9	8.6	2.1	.1								14.8	6.6	6.0
290-310	3.3	.7										4.1	3.2	4.0
320-340	1.1	.6										1.7	4.0	3.5
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	35.9	47.8	13.7	1.7	.4							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 813

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-4	50-64				GE 65
(N) 350-010	2.5	1.5	.1									4.1	4.1	4.0
020-040	2.9	4.7	.8	.1								8.6	6.0	6.0
050-070	2.2	6.7	2.5	.2								11.6	7.1	7.0
(E) 080-100	2.8	2.8	.4									5.9	5.0	5.0
110-130	1.3	1.0	.1									2.4	4.9	4.0
140-160	1.6	.2										1.8	3.1	2.0
(S) 170-190	2.8	1.7	.1									4.6	4.2	4.0
200-220	2.7	3.6	1.6									7.9	6.4	6.0
230-250	4.6	12.0	8.0	1.3	.1							26.0	8.2	8.0
(W) 260-280	4.0	9.4	4.2	1.2								18.9	7.7	7.0
290-310	3.0	2.4	.2									5.7	4.6	4.0
320-340	.8	1.2	.1									2.2	4.6	5.0
VARIABLE														
CALM	////////////////////											.4	////////////////	
TOTALS	31.2	47.2	18.1	2.8	.1							100.0	6.6	6.0

TOTAL NUMBER OF OBSERVATIONS 827

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	2.0										4.5	4.1	4.0
020-040	1.5	5.0	.9									7.4	6.3	6.0
050-070	3.2	5.7	2.6									11.4	6.8	7.0
(E) 080-100	1.8	3.1	.5	.1								5.5	5.8	6.0
110-130	1.7	.9	.1									2.7	4.3	4.0
140-160	2.7	1.6										4.3	4.0	3.0
(S) 170-190	3.6	1.8										5.4	4.0	4.0
200-220	4.3	3.1	.5	.1								8.0	5.0	4.0
230-250	4.2	13.0	7.0	1.4	.1							25.7	8.0	7.0
(W) 260-280	3.9	7.9	4.9	.9	.1							17.7	7.9	7.0
290-310	3.3	1.8	.4	.1								5.7	5.0	4.0
320-340	1.2	.2										1.5	3.5	3.0
VARIABLE														
CALM	////////////////////											.2	////////////////	
TOTALS	34.0	46.1	16.9	2.6	.2							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 814

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.9	1.5	.1									3.5	4.3	4.0
020-040	2.8	2.9	.4									6.0	4.9	5.0
050-070	2.9	7.0	3.0	.1								13.1	7.0	6.5
(E) 080-100	4.0	3.5	.2									7.7	4.8	4.0
110-130	2.3	.8										3.1	3.3	3.0
140-160	3.7	.7										4.5	3.4	3.0
(S) 170-190	4.5	.8	.1									5.4	3.2	3.0
200-220	5.1	4.5	.8									10.4	4.9	5.0
230-250	5.1	13.7	5.6	.6	.2							25.2	7.5	7.0
(W) 260-280	2.8	7.3	2.4	.6								13.1	7.3	7.0
290-310	2.7	1.5	.1									4.2	4.0	4.0
320-340	1.3	1.0										2.3	3.9	4.0
VARIABLE														
CALM	////////////////////										1.5	////		
TOTALS	39.1	45.2	12.7	1.3	.2							100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 827

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.6										2.7	3.3	3.0
020-040	5.4	3.5	.4									9.3	4.3	4.0
050-070	7.3	6.2	1.3	.1								15.0	5.2	5.0
(E) 080-100	4.8	1.2										6.0	3.5	3.0
110-130	4.3	.4										4.6	2.5	2.0
140-160	5.3	.5	.1									5.9	2.8	2.0
(S) 170-190	6.0	.9	.1									7.0	3.1	3.0
200-220	8.4	4.3	.2									13.0	4.3	4.0
230-250	6.5	13.1	3.1	.2	.1							23.0	6.5	6.0
(W) 260-280	4.2	2.3	.4									6.8	4.5	4.0
290-310	2.1	.6										2.7	3.8	3.5
320-340	1.1	.2										1.3	2.7	2.0
VARIABLE														
CALM	////////////////////											2.7	////////////////	
TOTALS	57.5	33.8	5.6	.3	.1							100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 818

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.4	1.2	.0									3.6	3.9	4.0
020-040	5.1	6.0	1.1	.1								12.2	5.5	5.0
050-070	5.0	6.8	1.7	.2								13.6	6.0	5.0
(E) 080-100	3.5	1.8	.2	.0								5.5	4.2	4.0
110-130	2.2	.5	.0									2.8	3.1	3.0
140-160	2.6	.6	.0	.0								3.2	3.2	3.0
(S) 170-190	3.9	.9	.1									4.9	3.3	3.0
200-220	5.8	4.4	.7	.1								10.8	4.9	4.0
230-250	5.8	13.7	5.6	.7	.1							25.9	7.3	7.0
(W) 260-280	3.2	5.3	1.8	.4	.0							10.7	6.7	6.0
290-310	2.4	1.1	.1	.0								3.6	4.0	4.0
320-340	1.2	.5	.0									1.7	3.7	3.0
VARIABLE														
CALM	////////////////////											1.6	////	////
TOTALS	43.1	42.8	11.3	1.5	.1							100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 6538

OPERATING LOCATION "A"
 USAFETA, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.0											6.0	2.0	2.0
020-040	10.0											10.0	2.4	3.0
050-070	4.0	8.0										12.0	4.8	5.0
(E) 080-100	4.0	2.0										6.0	4.3	4.0
110-130														
140-160														
(S) 170-190	2.0											2.0	2.0	2.0
200-220	2.0	2.0										4.0	5.0	5.0
230-250	4.0	14.0	6.0									24.0	8.5	8.5
(W) 260-280	8.0	8.0	6.0									22.0	6.0	5.0
290-310		2.0										2.0	6.0	6.0
320-340		6.0										6.0	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////										6.0	////////////////////////////////		
TOTALS	40.0	42.0	12.0									100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 50

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.5										1.9	3.4	3.5
020-040	11.4	4.8	.5									16.7	4.0	3.0
050-070	8.7	2.2	.1									11.1	3.6	3.0
(E) 080-100	4.0	.3										4.2	2.7	3.0
110-130	2.5											2.5	2.2	2.0
140-160	3.2											3.2	2.2	2.0
(S) 170-190	5.3	.3										5.6	2.4	2.0
200-220	12.7	6.6	.1									19.4	4.1	4.0
230-250	7.8	14.0	2.5									24.3	5.9	6.0
(W) 260-280	2.2	1.2	.3									3.7	4.3	4.0
290-310	1.9	.1	.1									2.1	3.0	2.0
320-340	1.2											1.2	1.8	1.0
VARIABLE														
CALM	////////////////////											4.1	////	////
TOTALS	62.2	30.0	3.6									100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 756

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	.1	.1									2.1	3.1	3.0
020-040	13.4	5.1	.4									18.9	4.0	4.0
050-070	8.7	2.1	.3									11.1	3.4	3.0
(E) 080-100	4.0											4.0	2.0	2.0
110-130	2.5											2.5	1.8	2.0
140-160	2.8	.1										2.9	2.3	2.0
(S) 170-190	4.8											4.8	2.3	2.0
200-220	12.6	7.6										20.2	4.1	4.0
230-250	7.3	15.3	2.1	.1								24.9	6.0	6.0
(W) 260-280	1.9	.5	.3									2.7	4.1	3.0
290-310	1.3	.7										2.0	3.2	3.0
320-340	.8	.3	.1									1.2	4.2	4.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	62.0	31.8	3.3	.1								100.0	4.1	4.0
TOTAL NUMBER OF OBSERVATIONS 751														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.2	.4	.1									2.8	3.5	3.0
020-040	5.5	9.4	.7									15.6	5.5	5.0
050-070	5.3	6.6										11.9	5.0	5.0
(E) 080-100	3.6	.7										4.2	2.9	3.0
110-130	3.3	.5										3.8	2.8	3.0
140-160	2.4	.7										3.0	3.1	3.0
(S) 170-190	5.4	.9										6.3	3.5	4.0
200-220	5.7	9.5	1.1	.1								16.4	5.6	5.0
230-250	5.3	14.9	4.9	.8								25.9	7.3	7.0
(W) 260-280	.9	1.7	1.1									3.7	7.3	7.0
290-310	1.1	.7										1.7	4.2	4.0
320-340	1.3	.4										1.7	3.2	3.0
VARIABLE														
CALM	////////////////////											3.0	////	////
TOTALS	42.0	46.4	7.9	.9								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 758

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	1.2										4.6	3.5	3.0
020-040	4.6	5.9	.9									11.4	5.4	5.0
050-070	4.2	7.1	.8	.1								12.2	5.8	5.0
(E) 080-100	3.0	2.4	.1									5.5	4.7	4.0
110-130	1.4	.1										1.6	2.8	2.5
140-160	2.9	1.1										3.9	3.5	3.0
(S) 170-190	3.2	.3										3.4	2.8	3.0
200-220	4.1	5.7	.9									10.7	5.4	5.0
230-250	4.3	15.5	7.1	1.2	.1							28.3	7.8	8.0
(W) 260-280	4.1	6.2	1.8	.3								12.4	6.3	6.0
290-310	2.2	.8			.1							3.2	4.5	3.0
320-340	.7	.5										1.2	4.3	4.0
VARIABLE														
CALM	////////////////////											1.6	////////////////	
TOTALS	38.1	46.8	11.6	1.6	.2							100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 760

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.7	1.2	.1		.1							4.2	4.4	4.0
020-040	2.9	3.2	.6									6.8	5.5	5.0
050-070	3.0	6.1	1.0	.1								10.3	6.2	6.0
(E) 080-100	2.1	3.4										5.5	5.2	5.0
110-130	2.1	.9										3.0	3.6	4.0
140-160	1.8	1.7										3.5	4.4	4.0
(S) 170-190	2.3	1.3										3.6	4.1	4.0
200-220	2.5	5.7	1.2	.1								9.5	6.3	6.0
230-250	4.4	12.5	8.6	1.3	.1							26.9	8.2	8.0
(W) 260-280	4.2	8.6	2.5	.5	.1							15.8	6.8	6.0
290-310	3.2	3.0	.3	.1								6.6	4.7	5.0
320-340	1.8	.4										2.2	3.2	3.0
VARIABLE														
CALM	////////////////////											2.2	////	////
TOTALS	33.0	48.0	14.3	2.1	.3							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 770

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIO OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.7	.1	.1								4.4	4.6	4.0
020-040	3.2	3.8	.5									7.5	5.4	5.0
050-070	1.9	6.2	.9									9.0	6.5	6.0
(E) 080-100	2.8	2.6	.1									5.6	4.6	4.5
110-130	1.5	1.2										2.6	4.8	4.0
140-160	2.6	1.2										3.8	3.9	4.0
(S) 170-190	4.0	.7										4.6	3.3	4.0
200-220	4.2	3.3	.5									8.1	5.0	4.0
230-250	4.8	11.8	6.9	.7								24.1	7.6	7.0
(W) 260-280	5.7	10.7	4.1	.4	.1							21.1	6.8	6.0
290-310	3.0	2.1										5.2	4.6	4.0
320-340	2.0	.3	.1									2.4	3.4	3.0
VARIABLE														
CALM	////////////////////											1.6	////	////
TOTALS	38.1	45.6	13.2	1.2	.1							100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 755

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	1.3	.3									3.4	4.0	3.0
020-040	4.3	2.8	1.2	.1								8.4	5.1	4.0
050-070	5.3	6.1		.1								11.5	4.9	5.0
(E) 080-100	4.8	1.7	.3									6.7	3.8	4.0
110-130	2.5	.3										2.7	2.8	3.0
140-160	3.6	.3										3.9	2.6	2.0
(S) 170-190	4.5	.9										5.4	2.8	2.0
200-220	5.6	2.6	.8	.1								9.0	4.8	4.0
230-250	5.9	14.1	5.6	.4	.1							26.1	7.0	7.0
(W) 260-280	4.5	6.3	1.2	.1								12.1	5.8	5.0
290-310	3.5	.9	.4	.1								4.9	4.1	3.0
320-340	1.3	.3										1.6	3.4	3.0
VARIABLE														
CALM	////////////////////											4.3	////	////
TOTALS	47.6	37.6	9.8	.9	.1							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 774

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.8										2.9	3.3	3.0
020-040	8.7	3.7	.1	.1								12.7	3.8	3.0
050-070	8.0	3.3	.4									11.7	3.9	3.0
(E) 080-100	5.1	.4										5.5	2.9	3.0
110-130	3.7											3.7	2.1	2.0
140-160	4.7	.3										5.0	2.6	3.0
(S) 170-190	7.0	.9										7.9	2.8	2.5
200-220	9.9	5.3										15.2	3.9	4.0
230-250	7.4	12.9	2.4									22.7	5.9	6.0
(W) 260-280	3.6	1.7	.1	.1								5.5	4.4	3.5
290-310	1.6	.1										1.7	2.4	2.0
320-340	.9	.3										1.2	2.8	2.0
VARIABLE														
CALM	////////////////////											4.2	////	////
TOTALS	62.7	29.7	3.0	.2								100.0	3.9	3.0

TOTAL NUMBER OF OBSERVATIONS 758

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.2	.9	.1	.0	.0							3.3	3.8	3.0
020-040	6.7	4.8	.6	.0								12.2	4.7	4.0
050-070	5.6	5.0	.4	.0								11.1	4.9	4.0
(E) 080-100	3.7	1.4	.1									5.2	3.7	3.0
110-130	2.4	.4										2.8	2.9	3.0
140-160	3.0	.7										3.7	3.1	3.0
(S) 170-190	4.6	.7										5.2	3.0	3.0
200-220	7.1	5.8	.6	.0								13.5	4.8	4.0
230-250	5.9	13.9	5.0	.6	.0							25.4	7.0	7.0
(W) 260-280	3.4	4.6	1.4	.2	.0							9.7	6.2	6.0
290-310	2.2	1.1	.1	.0	.0							3.4	4.1	4.0
320-340	1.2	.3	.0									1.6	3.3	3.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	48.0	39.6	8.3	.8								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 6082

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	2.0		1.0								3.9	7.5	6.0
020-040	2.9	13.7	4.9									21.6	7.5	7.5
050-070	2.0	4.9		1.0								7.8	7.1	6.0
(E) 080-100	1.0											1.0	2.0	2.0
110-130		1.0										1.0	5.0	5.0
140-160														
(S) 170-190	2.9	2.9										5.9	4.2	4.0
200-220	9.8	12.7	1.0	1.0								24.5	5.5	5.0
230-250	4.9	6.9	2.9	1.0								15.7	7.3	7.0
(W) 260-280	2.0	3.9										5.9	5.0	5.0
290-310	2.9	2.0										4.9	4.4	4.0
320-340	1.0	1.0										2.0	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											5.9	////////////////////////////////	
TOTALS	30.4	51.0	8.8	4.0								100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 102

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	.5										4.8	2.9	3.0
020-040	11.3	14.2	3.9	.5								29.9	6.1	6.0
050-070	8.3	4.3	2.0									14.6	5.1	4.0
(E) 080-100	2.9	.1										3.0	2.5	2.0
110-130	2.3											2.3	1.9	2.0
140-160	3.1											3.1	2.3	2.0
(S) 170-190	4.3	.4										4.6	2.7	2.0
200-220	7.9	4.4	.1									12.4	4.0	4.0
230-250	4.9	9.4	.8	.5	.1							15.7	6.1	6.0
(W) 260-280	2.0	1.0	.3									3.3	4.3	3.0
290-310	1.9	.8										2.6	3.2	2.0
320-340	1.3	.4										1.6	2.5	2.0
VARIABLE														
CALM	////////////////////											2.1	////	////
TOTALS	54.5	35.5	7.1	1.0	.1							100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 797

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBE: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.1	.3										3.4	2.6	2.0
020-040	13.1	14.0	3.8	.3								31.1	5.7	5.0
050-070	9.2	4.3	1.8	.1								15.3	5.0	4.0
(E) 080-100	4.8	.4										5.2	2.3	2.0
110-130	2.5											2.5	1.8	2.0
140-160	2.0											2.0	2.0	2.0
(S) 170-190	3.6	.5										4.2	2.6	2.0
200-220	7.8	3.5										11.3	3.8	4.0
230-250	4.9	9.2	2.0	.4								16.5	6.4	6.0
(W) 260-280	1.3	1.6	.1	.1								3.1	5.5	6.0
290-310	1.5	.4										1.9	2.6	2.0
320-340	1.4	.3										1.6	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	55.2	34.5	7.7	.9								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 795

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.0	.2									3.8	3.8	3.0
020-040	10.1	13.7	4.6	.2								28.6	6.1	5.0
050-070	7.3	5.9	3.2	.1								16.6	6.0	5.0
(E) 080-100	4.7	.2										4.9	2.5	2.0
110-130	1.0	.1										1.1	3.1	3.0
140-160	1.5	.7										2.2	3.8	3.0
(S) 170-190	3.8	.7										4.5	3.3	3.0
200-220	6.9	6.2	.1	.1								13.3	4.7	4.0
230-250	3.2	7.0	2.5	.5								13.2	7.1	7.0
(W) 260-280	.8	1.1										1.9	4.9	5.0
290-310	.6	.1										.7	2.8	2.0
320-340	2.1	.3										2.4	3.2	3.0
VARIABLE														
CALM	////////////////////											6.9	////	////
TOTALS	44.5	37.0	10.6	.9								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 874

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	3.0	2.5											5.6	4.6	4.0
020-040	3.2	7.6	3.8	.5									15.0	7.2	6.0
050-070	4.0	9.6	7.4	.5									21.5	7.9	8.0
(E) 080-100	2.8	3.2	.4										6.3	5.2	5.0
110-130	2.5	.4											2.9	3.3	3.0
140-160	1.6	.6											2.2	3.8	3.0
(S) 170-190	2.3	.7											3.0	3.4	3.0
200-220	2.7	3.2	.8	.1									6.8	6.0	5.5
230-250	3.6	9.2	3.6	.5									17.0	7.2	7.0
(W) 260-280	4.4	6.2	1.7										12.2	5.9	6.0
290-310	3.6	.5	.1										4.2	3.5	3.0
320-340	1.6	.5			.1								2.2	4.4	3.0
VARIABLE															
CALM	////////////////////											1.1	////	////	
TOTALS	35.3	44.2	17.8	1.6	.1								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 825

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.1	1.7	.1									3.9	4.3	4.0
020-040	4.5	7.7	2.2	.2								14.7	6.5	6.0
050-070	2.7	10.9	5.0	.9	.1							19.6	7.9	7.0
(E) 080-100	2.9	4.0	.2									7.2	5.2	5.0
110-130	2.5	1.1										3.6	3.3	4.0
140-160	2.5	.6										3.1	3.3	3.0
(S) 170-190	2.6	1.1										3.7	3.5	3.0
200-220	3.7	2.5	.4	.1								6.6	4.7	4.0
230-250	4.8	9.8	3.2	.7	.1							18.7	.2	7.0
(W) 260-280	5.4	4.9	1.0									11.3	5.3	5.0
290-310	2.5	1.3										3.8	3.9	3.0
320-340	1.7	.6										2.3	3.3	3.0
VARIABLE														
CALM	////////////////////											1.5	////	////
TOTALS	37.9	46.2	12.1	1.9	.2							100.0	5.9	5.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	.5										4.1	3.1	3.0
020-040	8.5	10.3	2.3	.1								21.2	5.5	5.0
050-070	7.8	9.0	3.6	.2								20.6	6.3	6.0
(E) 080-100	2.5	.1	.1									2.8	2.5	2.0
110-130	3.1											3.1	2.4	2.0
140-160	1.8	.1										1.9	2.5	2.0
(S) 170-190	3.2	.1										3.4	2.6	3.0
200-220	7.5	2.5										10.1	3.9	4.0
230-250	5.7	6.7	3.0	.4								15.8	6.4	6.0
(W) 260-280	3.4	1.2	.5									5.0	4.4	3.0
290-310	3.1	.4										3.5	2.9	2.0
320-340	3.0	.1										3.1	2.3	2.0
VARIABLE														
CALM	////////////////////											5.5	////	////
TOTALS	53.2	31.0	9.5	.7								100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 835

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	3-34	35-39	40-49	50-64	GE 65				
(N) 350-010	3.6	.9											4.5	2.8	2.0
020-040	11.5	12.7	3.4	.6									28.2	5.9	5.0
050-070	6.9	5.5	2.5	.2									15.1	6.1	5.0
(E) 080-100	3.7	.2											4.0	2.3	2.0
110-130	2.6												2.6	2.5	3.0
140-160	3.5	.1											3.6	2.5	2.0
(S) 170-190	5.2	.5	.1										5.9	2.9	2.0
200-220	7.7	3.4	.1										11.2	3.9	4.0
230-250	3.9	7.7	2.1	.2									14.0	6.5	6.0
(W) 260-280	1.7	.9	.1										2.7	4.3	4.0
290-310	2.1	.6											2.7	3.0	2.5
320-340	1.0	.5											1.5	3.4	3.0
VARIABLE															
CALM	////////////////////////////////////											4.0	////////////////////////////////		
TOTALS	53.4	33.0	8.3	1.0									100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 802

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.3	1.0	.1									4.4	3.5	3.0
020-040	8.5	11.3	3.5	.4								23.7	6.1	5.0
050-070	6.5	7.5	3.7	.4	.0							18.2	6.6	6.0
(E) 080-100	3.5	1.2	.1									4.8	3.6	3.0
110-130	2.2	.2										2.4	2.6	2.0
140-160	2.2	.3										2.5	2.9	3.0
(S) 170-190	3.6	.6	.0									4.2	3.0	3.0
200-220	6.1	3.5	.2	.1								9.9	4.3	4.0
230-250	4.5	8.6	2.7	.5	.0							16.3	6.8	6.0
(W) 260-280	2.6	2.4	.5	.0								5.6	5.3	5.0
290-310	2.2	.5	.0									2.7	3.2	3.0
320-340	1.6	.4			.0							2.0	3.1	3.0
VARIABLE														
CALM	////////////////////											3.2	////	////
TOTALS	46.8	37.5	10.8	1.4								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 6558

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.2	2.2										4.4	5.0	5.0
020-040	2.2	15.6	4.4									22.2	7.6	7.5
050-070	4.4	2.2	2.2									8.9	6.0	5.5
(E) 080-100														
110-130														
140-160														
(S) 170-190	13.3	2.2										15.6	3.4	4.0
200-220	2.2	11.1										13.3	6.0	6.0
230-250	4.4	4.4	2.2									11.1	6.6	9.0
(W) 260-280		4.4										4.4	5.0	5.0
290-310	2.2	2.2										4.4	5.5	5.5
320-340	11.1	2.2										13.3	3.7	3.5
VARIABLE														
CALM	////////////////////////////////////										2.2	////////////////////////////////		
TOTALS	42.0	46.5	8.8									100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 45

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	8.2	1.7										9.9	3.0	3.0
020-040	17.3	16.2	3.4	.1								37.1	5.4	5.0
050-070	7.6	8.3	2.2	.8								18.8	6.1	5.0
(E) 080-100	1.7	.5										2.2	2.6	2.0
110-130	2.1											2.1	1.8	2.0
140-160	1.8											1.8	2.1	2.0
(S) 170-190	2.4	.2										2.6	2.7	3.0
200-220	3.1	1.3										4.4	4.0	4.0
230-250	4.1	4.5	.7	.2								9.5	5.7	5.0
(W) 260-280	1.6	.7	.1									2.4	4.0	3.0
290-310	2.5											2.5	2.3	2.0
320-340	3.4	.2										3.7	2.0	2.0
VARIABLE														
CAIM	////////////////////											3.0	////////////////	
TOTALS	55.8	33.6	6.4	1.1								100.0	4.6	4.0

TOTAL NUMBER OF OBSERVATIONS 871

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.2	1.5										9.8	3.1	3.0
020-040	19.6	18.2	2.9	.2								41.0	5.2	5.0
050-070	6.3	6.7	1.5	.2								14.8	5.7	5.0
(E) 080-100	2.7	.5										3.1	2.5	2.0
110-130	1.9											1.9	1.5	1.5
140-160	1.3											1.3	2.2	2.0
(S) 170-190	2.7	.1										2.8	2.5	2.0
200-220	4.1	1.7	.2									6.0	3.9	3.0
230-250	2.7	5.1	.8									8.6	6.0	6.0
(W) 260-280	1.6	.8										2.4	3.6	3.0
290-310	2.7	.1										2.8	2.2	2.0
320-340	2.9	.1										3.0	2.0	2.0
VARIABLE														
CALM	////////////////////											2.6	////	////
TOTALS	56.7	34.8	5.4	.4								100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 861

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.2	3.5	.2									9.9	4.1	4.0
020-040	14.6	18.6	5.5	.4	.1							39.3	6.1	5.0
050-070	7.2	5.3	1.6	.4								14.5	5.4	5.0
(E) 080-100	2.8	.1										2.9	2.1	2.0
110-130	1.7	.1										1.8	2.5	2.0
140-160	1.9	.8										2.7	3.1	2.5
(S) 170-190	2.5	.7										3.1	3.4	3.5
200-220	2.5	1.8	.2									4.5	4.6	4.0
230-250	2.8	4.7	1.1									8.6	6.3	6.0
(W) 260-280	1.1	.3	.1									1.6	4.0	3.0
290-310	1.9	.7										2.6	3.3	3.0
320-340	2.6	.3										2.9	2.9	3.0
VARIABLE														
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	47.8	36.9	8.7	.8	.1							100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	1.4	.1									6.4	3.5	3.0
020-040	13.9	15.7	4.2	.4								34.2	5.8	5.0
050-070	8.3	10.5	3.5	.5								22.8	6.2	6.0
(E) 080-100	3.6	.1										3.7	2.1	2.0
110-130	1.4											1.4	2.3	2.0
140-160	1.1											1.1	2.3	2.0
(S) 170-190	2.8	.7										3.5	3.2	3.0
200-220	2.9	1.5										4.4	4.1	4.0
230-250	2.5	3.7	2.0	.1								8.3	6.9	7.0
(W) 260-280	2.1	1.2	.5									3.7	5.3	4.0
290-310	1.8											1.8	2.3	2.0
320-340	1.9	.5										2.3	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	47.2	35.3	10.3	1.0								100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS 854

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	2.4										7.4	3.7	3.0
020-040	12.0	14.8	3.8	.2								30.8	5.8	5.0
050-070	6.7	11.1	5.9	1.1								24.9	7.1	7.0
(E) 080-100	3.0	.8										3.8	3.3	3.0
110-130	.9	.1										1.0	2.8	3.0
140-160	1.7	.1										1.8	2.8	3.0
(S) 170-190	1.9	.7										2.6	3.7	3.0
200-220	2.9	.8	.2									3.9	3.9	3.0
230-250	3.7	4.0	2.1	.3								10.0	6.6	6.0
(W) 260-280	3.0	1.8	.2									5.0	4.5	4.0
290-310	1.7	.2										1.9	2.8	2.0
320-340	1.7	.7	.1									2.5	3.7	3.0
VARIABLE														
CALM	////////////////////											4.2	////	////
TOTALS	44.2	37.5	12.3	1.6								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 876

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.2	2.2	.1									8.4	3.6	3.0
020-040	12.7	12.8	2.3	.1								27.9	5.4	5.0
050-070	7.4	9.5	4.1	.9								21.9	6.6	6.0
(E) 080-100	3.4	1.1	.1									4.7	3.4	3.0
110-130	1.6											1.6	1.6	1.5
140-160	1.6											1.6	2.2	2.0
(S) 170-190	2.9	.5										3.3	3.2	3.0
200-220	3.0	1.7	.1									4.8	4.0	4.0
230-250	4.2	4.6	1.4	.1								10.3	5.7	5.0
(W) 260-280	3.0	1.6	.1									4.7	4.1	3.0
290-310	2.9	.2										3.1	2.5	2.0
320-340	1.9	.3										2.3	3.1	3.5
VARIABLE														
CALM	////////////////////										5.5	////////		
TOTALS	50.8	34.5	8.2	1.1								100.0	4.7	4.0
TOTAL NUMBER OF OBSERVATIONS 876														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.2	2.2										11.3	3.2	3.0
020-040	14.3	14.3	3.3	.3	.1							32.3	5.6	5.0
050-070	6.5	5.6	2.7	.2	.1							15.1	6.2	5.0
(E) 080-100	3.4											3.4	2.0	2.0
110-130	1.7	.1										1.8	1.7	1.0
140-160	1.5											1.5	2.4	3.0
(S) 170-190	2.4	.6										2.9	3.2	3.0
200-220	4.0	2.4										6.3	4.2	4.0
230-250	4.2	4.2	.9									9.3	5.5	5.0
(W) 260-280	3.3	.7										4.0	3.0	3.0
290-310	2.7	.3										3.1	2.4	2.0
320-340	3.4	.3										3.7	2.7	2.0
VARIABLE														
CALM	////////////////////											5.2	////	////
TOTALS	56.6	30.7	6.9	.5	.2							100.0	4.4	4.0
TOTAL NUMBER OF OBSERVATIONS 882														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	.9	.1									5.3	3.7	4.0
020-040	6.0	10.6	4.4	.5								21.5	6.8	6.0
050-070	6.0	10.7	4.2	1.2								22.1	7.0	6.0
(E) 080-100	3.7	1.5										5.2	3.8	3.0
110-130	1.0	.1										1.1	2.3	2.0
140-160	2.0	.4										2.3	2.7	3.0
(S) 170-190	3.7	.6										4.3	2.9	3.0
200-220	4.9	2.0	.1	.1								7.1	4.3	3.5
230-250	5.3	9.8	4.0	1.0	.1							20.2	7.3	7.0
(W) 260-280	2.0	2.5	.7									5.2	5.8	5.0
290-310	2.0	.1										2.1	3.1	3.0
320-340	1.0	.4										1.3	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	41.9	39.6	13.5	2.8	.1							100.0	5.8	5.0

TOTAL NUMBER OF OBSERVATIONS 815

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701010

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN %	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	7.2	2.1	.1									9.3	3.4	3.0
020-040	15.3	16.0	3.7	.3	.0							35.4	5.6	5.0
050-070	7.0	7.8	3.0	.6	.1							18.4	6.3	6.0
(E) 080-100	2.8	.4	.0									3.2	2.6	2.0
110-130	1.5	.0										1.5	1.9	2.0
140-160	1.5	.1										1.6	2.5	2.0
(S) 170-190	2.5	.5										3.0	3.1	3.0
200-220	3.2	1.5	.1									4.8	4.1	4.0
230-250	3.5	4.3	1.2	.1								9.2	6.1	6.0
(W) 260-280	2.2	1.0	.1									3.4	4.0	3.0
290-310	2.4	.2										2.6	2.5	2.0
320-340	2.7	.3	.0									3.0	2.6	2.0
VARIABLE														
CALM	////////////////////											4.5	////	////
TOTALS	51.8	34.2	8.2	1.0	.1							100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 6994

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701040

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.5	1.9										11.4	3.1	3.0
020-040	18.1	17.6	4.3	.3								40.3	5.6	5.0
050-070	6.3	5.5	2.5	.2	.3							14.9	6.3	5.0
(E) 080-100	1.6	.1										1.7	1.9	1.0
110-130	.7											.7	1.7	2.0
140-160	.8											.8	2.4	2.0
(S) 170-190	2.7	.6										3.3	3.1	3.0
200-220	3.1	1.1										4.2	3.8	4.0
230-250	3.5	4.0	.8	.3								8.6	6.0	5.5
(W) 260-280	2.2	.8	.1									3.1	3.6	2.0
290-310	3.2	.2										3.4	2.4	2.0
320-340	3.5	.1										3.6	2.2	2.0
VARIABLE														
CALM	////////////////////											4.0	////////////////	
TOTALS	55.2	31.9	7.7	.8	.3							100.0	4.7	4.0

TOTAL NUMBER OF OBSERVATIONS 883

OPERATING LOCATION "A"
USAFFTAC, ASHEVILLE NC

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

STATION NUMBFR: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	8.5										13.4	4.9	5.0
020-040	3.5	19.0	7.7	2.1								32.4	8.2	7.5
050-070	2.1	5.6										7.7	5.3	5.0
(E) 080-100	2.1											2.1	3.3	3.0
110-130		.7										.7	5.0	5.0
140-160	2.1											2.1	3.3	4.0
(S) 170-190	3.5											3.5	2.8	3.0
200-220	1.4											1.4	3.5	3.5
230-250	2.8	6.3	4.9									14.1	7.6	8.0
(W) 260-280														
290-310	2.1											2.1	3.7	4.0
320-340	5.6	1.4										7.0	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											13.4	////////////////////////////////	
TOTALS	30.1	41.5	12.6	2.1								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	7.2	.3										7.4	2.3	2.0
020-040	18.8	9.7	1.2	.1								29.8	4.2	4.0
050-070	12.4	7.0	7.0	.9	.3							27.7	6.4	6.0
(E) 080-100	3.9	.1										4.0	1.4	1.0
110-130	3.1											3.1	1.4	1.0
140-160	1.6											1.6	1.2	1.0
(S) 170-190	1.6											1.6	1.6	1.0
200-220	2.2	.9										3.1	3.2	3.0
230-250	4.7	1.0										5.7	2.9	2.5
(W) 260-280	3.3											3.3	1.7	2.0
290-310	2.2											2.2	1.5	1.0
320-340	1.4											1.4	1.8	2.0
VARIABLE														
CALM	////////////////////											9.0	////////////////	
TOTALS	62.4	19.0	8.2	1.0	.3							100.0	3.7	3.0

TOTAL NUMBER OF OBSERVATIONS 766

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	6.1	.4										6.5	2.3	2.0
020-040	21.3	8.6	.9									30.9	3.9	3.0
050-070	11.1	8.1	5.6	2.0								26.8	6.8	6.0
(E) 080-100	4.5	.1	.1									4.8	2.0	1.0
110-130	2.8											2.8	1.4	1.0
140-160	1.9											1.9	1.4	1.0
(S) 170-190	3.3											3.3	1.9	2.0
200-220	3.7	.8										4.5	2.7	2.0
230-250	3.3	.5										3.8	2.8	2.0
(W) 260-280	2.9	.1										3.0	2.1	2.0
290-310	1.9											1.9	1.4	1.0
320-340	1.6											1.6	1.3	1.0
VARIABLE														
CALM	////////////////////											8.3	////////////////	
TOTALS	64.4	18.6	6.6	2.0								100.0	3.7	3.0

TOTAL NUMBER OF OBSERVATIONS 755

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND (N)350-010		
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65	
5.5 2.0											7.5	3.1	3.0		
020-040	17.3	9.9	3.8	.7									31.7	5.2	4.0
050-070	9.9	7.0	5.1	1.1	.9								24.0	7.0	6.0
(E) 080-100	4.0												4.0	1.6	1.0
110-130	2.9												2.9	1.5	1.0
140-160	1.8												1.8	1.5	1.0
(S) 170-190	3.4	.1											3.6	2.3	2.0
200-220	2.1	1.5											3.6	3.7	4.0
230-250	3.3	.8											4.1	2.9	2.0
(W) 260-280	2.9												2.9	1.9	2.0
290-310	1.5												1.5	2.0	2.0
320-340	.8												.8	1.7	1.0
VARIABLE															
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.7	//////////	//////////
TOTALS	55.4	21.3	8.9	1.8	.9								100.0	4.1	3.0

TOTAL NUMBER OF OBSERVATIONS 758

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.1	1.8										7.9	3.0	3.0
020-040	16.6	10.0	4.3	.5	.3							31.6	5.5	4.0
050-070	10.8	7.8	4.0	1.7	.4							24.6	6.5	5.0
(E) 080-100	5.3											5.3	1.6	1.0
110-130	2.1											2.1	1.4	1.0
140-160	2.2	.3										2.5	2.5	2.0
(S) 170-190	2.6	.1										2.7	2.0	2.0
200-220	2.7	.8										3.5	3.1	3.0
230-250	1.7	1.2										2.9	3.9	3.5
(W) 260-280	1.9	.1										2.1	1.9	1.5
290-310	1.2											1.2	1.6	1.0
320-340	1.3	.3										1.6	2.2	1.0
VARIABLE														
CALM	////////////////////////////////////											12.1	////////////////////////////////	
TOTALS	54.5	22.4	8.3	2.2	.7							100.0	4.1	3.0

TOTAL NUMBER OF OBSERVATIONS 771

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	.7	.1									5.0	3.0	3.0
020-040	18.5	7.5	2.8	.5								29.3	4.7	3.0
050-070	12.7	12.0	5.5	2.5	.3							33.0	6.7	6.0
(E) 080-100	4.5	.4										4.9	1.9	1.0
110-130	2.2											2.2	1.6	1.0
140-160	1.1											1.1	2.3	2.0
(S) 170-190	2.4											2.4	1.5	1.0
200-220	2.1	.4										2.5	2.8	2.0
230-250	2.6	.8	.1	.1								3.7	3.6	2.5
(W) 260-280	1.7	.3										2.0	2.7	2.0
290-310	.9											.9	1.3	1.0
320-340	.8											.8	2.0	2.0
VARIABLE														
CALM	////////////////////											12.2	////	////
TOTALS	53.7	22.1	8.5	3.1	.3							100.0	4.2	3.0

TOTAL NUMBER OF OBSERVATIONS 757

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	1.2										7.1	2.9	3.0
020-040	13.6	9.6	3.7	.8								27.7	5.6	5.0
050-070	9.6	7.6	5.0	1.6	.3							24.0	6.7	6.0
(E) 080-100	5.5	.1										5.6	1.9	2.0
110-130	3.4											3.4	1.8	1.5
140-160	2.2	.1										2.4	1.5	1.0
(S) 170-190	2.2	.1										2.4	2.1	2.0
200-220	3.5	.5										4.1	2.5	2.0
230-250	2.6	.5	.3									3.4	3.5	2.5
(W) 260-280	2.5	.1										2.6	1.9	1.0
290-310	3.3	.1										3.4	2.2	2.0
320-340	1.7	.1										1.8	2.1	2.0
VARIABLE														
CALM	////////////////////////////////////											12.1	////////////////////////////////	
TOTALS	56.0	20.0	9.0	2.4	.3							100.0	4.0	3.0
TOTAL NUMBER OF OBSERVATIONS 762														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.0	.4										6.4	2.4	2.0
020-040	15.6	10.1	2.9	1.4								30.0	5.4	4.0
050-070	11.3	6.6	5.2	.9	.5							24.6	6.3	5.0
(E) 080-100	3.6											3.6	1.8	1.0
110-130	3.0											3.0	1.8	2.0
140-160	1.8											1.8	1.6	1.0
(S) 170-190	2.2	.3										2.5	2.1	1.0
200-220	3.1											3.1	2.1	2.0
230-250	5.1	.5	.4									6.0	3.0	2.0
(W) 260-280	3.3	.3										3.5	2.2	2.0
290-310	2.2											2.2	1.8	2.0
320-340	2.0	.1										2.1	1.6	1.0
VARIABLE														
CALM	////////////////////											11.2	////	////
TOTALS	59.2	18.3	8.5	2.3	.5							100.0	3.9	3.0

TOTAL NUMBER OF OBSERVATIONS 769

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.3	.7										5.9	3.0	3.0
020-040	20.1	9.6	2.8	1.2								33.7	4.9	4.0
050-070	10.9	7.1	4.5	1.3	.1							23.9	6.2	6.0
(E) 080-100	3.4											3.4	1.3	1.0
110-130	2.8											2.8	1.5	1.0
140-160	1.2											1.2	1.3	1.0
(S) 170-190	1.8											1.8	1.6	1.0
200-220	2.9											2.9	2.1	2.0
230-250	4.2	1.2	.1									5.5	3.3	2.5
(W) 260-280	3.2											3.2	1.7	1.5
290-310	2.8											2.8	1.6	1.0
320-340	1.8											1.8	1.6	1.5
VARIABLE														
CALM	////////////////////											11.1	////	////
TOTALS	60.4	18.6	7.4	2.5	.1							100.0	3.8	3.0
TOTAL NUMBER OF OBSERVATIONS 760														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.8	.9	.0									6.7	2.7	3.0
020-040	17.7	9.4	2.8	.7	.0							30.6	4.9	4.0
050-070	11.1	7.9	5.2	1.5	.3							26.1	6.6	6.0
(E) 080-100	4.3	.1	.0									4.5	1.7	1.0
110-130	2.8											2.8	1.6	1.0
140-160	1.7	.0										1.8	1.7	1.0
(S) 170-190	2.4	.1										2.5	1.9	2.0
200-220	2.8	.6										3.4	2.8	2.0
230-250	3.4	.8	.1	.0								4.4	3.2	2.0
(W) 260-280	2.7	.1										2.8	2.0	2.0
290-310	2.0	.0										2.0	1.7	1.0
320-340	1.4	.1										1.5	1.8	1.0
VARIABLE														
CALM	////////////////////											11.0	////	////
TOTALS	58.1	20.0	8.1	1.2	.3							100.0	4.0	3.0

TOTAL NUMBER OF OBSERVATIONS 6098

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.2	2.2										10.4	3.7	4.0
020-040	12.7	6.0	4.5	1.5	1.5							26.1	7.1	6.0
050-070	7.5	6.7	3.7	.7	3.7							22.4	9.0	6.5
(E) 080-100	5.2											5.2	3.1	3.0
110-130	.7											.7	3.0	3.0
140-160	1.5	.7										2.2	3.7	3.0
(S) 170-190	2.2											2.2	3.0	4.0
200-220	1.5	.7										2.2	4.7	4.0
230-250	3.7	.7										4.5	4.2	3.5
(W) 260-280	1.5											1.5	3.0	3.0
290-310	1.5											1.5	3.0	3.0
320-340	2.2											2.2	1.3	1.0
VARIABLE														
CALM	////////////////////////////////////											18.7	////////////////////////////////	
TOTALS	48.4	17.0	8.2	2.2	5.2							100.0	5.0	4.0

TOTAL NUMBER OF OBSERVATIONS 134

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.0											4.0	1.3	1.0
020-040	16.8	6.1	.6	.3								23.8	3.7	3.0
050-070	12.5	6.0	3.6	1.1								23.3	5.5	4.0
(E) 080-100	6.0											6.0	1.5	1.0
110-130	3.6											3.6	1.3	1.0
140-160	3.9											3.9	1.4	1.0
(S) 170-190	3.5											3.5	1.4	1.0
200-220	4.5	.6										5.1	2.7	2.0
230-250	6.0	1.5	.3	.3								8.0	3.4	2.0
(W) 260-280	2.3	.1	.1	.4	.1							3.0	5.0	2.0
290-310	1.6											1.6	1.9	1.0
320-340	2.4	.1										2.5	1.5	1.0
VARIABLE														
CALM	////////////////////											11.5	////	////
TOTALS	67.1	14.4	4.6	2.1	.1							100.0	3.1	2.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.4											4.4	1.9	2.0
020-040	17.2	5.8	.3	.1								23.4	3.6	3.0
050-070	12.1	6.7	2.3	.6	.4							22.2	5.3	4.0
(E) 080-100	5.8											5.8	1.5	1.0
110-130	4.0											4.0	1.3	1.0
140-160	2.5											2.5	1.2	1.0
(S) 170-190	3.2	.1										3.4	1.6	1.0
200-220	5.6	.5										6.1	2.4	2.0
230-250	6.3	.6	.8	.1								7.9	3.5	2.0
(W) 260-280	3.7	.4	.1	.1								4.4	2.6	1.0
290-310	1.6											1.6	1.8	2.0
320-340	2.3											2.3	1.4	1.0
VARIABLE														
CALM	////////////////////											12.1	////	////
TOTALS	68.7	14.1	3.5	.9	.4							100.0	2.9	2.0

TOTAL NUMBER OF OBSERVATIONS 774

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.4	.9										5.3	2.7	2.0
020-040	14.5	8.0	2.0	.3	.1							24.9	4.7	4.0
050-070	10.3	6.5	3.1	.4	.3							20.5	5.5	4.5
(E) 080-100	5.9	.1										6.0	1.8	1.0
110-130	2.6	.1										2.8	1.9	1.0
140-160	3.8											3.8	1.8	2.0
(S) 170-190	4.5											4.5	2.3	2.0
200-220	4.5	1.1	.1									5.8	3.5	3.0
230-250	5.0	1.1	.9									7.0	3.9	3.0
(W) 260-280	3.1	.4	.1									3.6	2.7	2.0
290-310	1.8											1.8	1.9	2.0
320-340	1.4											1.4	1.9	2.0
VARIABLE														
CALM	////////////////////											12.8	////	////
TOTALS	61.8	18.2	6.2	.7	.4							100.0	3.4	3.0

TOTAL NUMBER OF OBSERVATIONS 799

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.1	.5										4.6	2.7	3.0
020-040	14.2	7.1	2.3	.4								23.9	4.6	4.0
050-070	12.3	5.9	3.0	.3	.3							21.7	5.2	4.0
(E) 080-100	4.6	.5										5.1	2.3	2.0
110-130	3.8											3.8	1.6	1.0
140-160	3.1	.1										3.3	1.8	1.0
(S) 170-190	4.0	.5										4.5	2.3	2.0
200-220	4.3	.9	.1	.1								5.4	3.4	3.0
230-250	6.3	1.5	.1									7.9	3.5	3.0
(W) 260-280	2.4	.5										2.9	3.1	3.0
290-310	.8											.8	1.7	1.5
320-340	1.8	.1										1.9	1.9	2.0
VARIABLE														
CALM	////////////////////											14.3	////	////
TOTALS	61.7	17.6	5.5	.8	.3							100.0	3.3	3.0

TOTAL NUMBER OF OBSERVATIONS 798

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.6	.4										3.0	2.5	2.5
020-040	15.3	8.4	1.9	.3								25.9	4.5	4.0
050070	9.3	4.6	3.8	.5	.1							18.3	5.7	4.0
(E) 080-100	6.7	.5										7.2	1.8	1.0
110-130	4.4											4.4	1.5	1.0
140-160	2.9	.1										3.0	1.5	1.0
(S) 170-190	4.1											4.1	2.4	2.0
200-220	5.2	1.4		.1								6.7	3.1	3.0
230-250	4.1	1.1	.5									5.8	4.0	3.0
(W) 260-280	3.4	.6										4.0	2.5	2.0
290-310	3.1											3.1	1.7	1.0
320-340	1.1											1.1	1.1	1.0
VARIABLE														
CALM	////////////////////											13.3	////	////
TOTALS	62.2	17.1	6.2	.9	.1							100.0	3.2	3.0

TOTAL NUMBER OF OBSERVATIONS 796

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.9	.9										6.8	2.7	2.0
020-040	13.1	7.5	2.0	.6								23.3	5.0	4.0
050-070	9.6	4.1	3.3	.6	.1							17.8	5.7	4.0
(E) 080-100	5.8	.1										5.9	1.5	1.0
110-130	4.8											4.8	1.6	1.0
140-160	2.8											2.8	2.1	2.0
(S) 170-190	4.3	.4										4.6	2.5	2.0
200-220	4.5	.4										4.9	2.8	3.0
230-250	4.6	1.8	.9	.3								7.5	4.5	3.0
(W) 260-280	2.5	.1	.1									2.8	2.8	2.0
290-310	2.5	.1										2.6	2.0	2.0
320-340	1.9											1.9	1.8	1.0
VARIABLE														
CALM	////////////////////											14.5	////	////
TOTALS	62.3	15.4	6.3	1.5	.1							100.0	3.3	3.0
TOTAL NUMBER OF OBSERVATIONS 799														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	5.2	.1										5.3	2.3	2.0
020-040	15.7	7.7	1.5	.1								24.9	4.2	3.0
050-070	11.5	5.6	3.8	1.2								22.1	5.8	4.0
(E) 080-100	4.6	.2										4.8	1.9	1.0
110-130	4.0											4.0	1.5	1.0
140-160	3.0	.2										3.2	1.9	1.0
(S) 170-190	3.5	.1										3.6	2.4	2.0
200-220	4.8	.5	.1	.2								5.7	3.4	2.5
230-250	4.7	1.5	.7	.4								7.3	4.8	3.0
(W) 260-280	2.8	.2		.1								3.2	3.3	2.0
290-310	2.5											2.5	1.6	1.0
320-340	1.1	.1										1.2	2.1	2.0
VARIABLE														
CALM	////////////////////////////////////										12.2	////////////////////////////////		
TOTALS	63.4	16.2	6.1	2.0								100.0	3.5	3.0

TOTAL NUMBER OF OBSERVATIONS 810

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.9	.5										5.4	2.5	2.0
020-040	13.2	7.2	1.4	.4								22.1	4.6	4.0
050-070	11.0	5.9	3.6	1.0	.1							21.6	5.8	4.0
(E) 080-100	4.0											.0	1.5	1.0
110-130	4.0											4.0	1.7	1.0
140-160	2.8	.3										3.1	2.1	2.0
(S) 170-190	3.6											3.6	2.1	2.0
200-220	5.0	.4	.1	.1	.1							5.8	3.2	2.0
230-250	6.0	1.5	.5	.1								8.2	3.9	3.0
(W) 260-280	2.9	.1	.4	.3	.1							3.8	4.9	2.0
290-310	2.6											2.6	2.0	2.0
320-340	1.4											1.4	1.9	2.0
VARIABLE														
CALM	////////////////////////////////////											14.6	////////////////////////////////	
TOTALS	61.4	15.9	6.0	1.9	.3							100.0	3.4	3.0
TOTAL NUMBER OF OBSERVATIONS 782														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	4.4	.4										4.8	2.4	2.0
020-040	15.0	7.2	1.5	.3	.0							24.0	4.4	4.0
050-070	11.1	5.7	3.3	.7	.2							20.9	5.6	4.0
(E) 080-100	5.4	.2										5.6	1.7	1.0
110-130	3.9	.0										3.9	1.5	1.0
140-160	3.1	.1										3.2	1.7	1.0
(S) 170-190	3.8	.1										4.0	2.2	2.0
200-220	4.8	.7	.1	.1	.0							5.7	3.1	2.0
230-250	5.4	1.3	.6	.1								7.4	3.9	3.0
(W) 260-280	2.9	.3	.1	.1	.0							3.5	3.3	2.0
290-310	2.0	.0										2.1	1.8	2.0
320-340	1.7	.0										1.7	1.7	1.0
VARIABLE														
CALM	////////////////////////////////////											13.2	////////////////////////////////	
TOTALS	63.5	16.0	5.6	1.3	.2							100.0	3.3	3.0

TOTAL NUMBER OF OBSERVATIONS 6356

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE65
(N) 350-010	.7	1.4										2.1	4.3	5.0
020-040	10.6	12.0	2.1	.7	.7							26.1	6.0	5.0
050-070	7.7	1.4	1.4	.7	2.8							14.1	8.0	4.0
(E) 080-100	4.9	.7										5.6	2.1	1.5
110-130	2.8											2.8	1.3	1.0
140-160	2.1											2.1	1.7	1.0
(S) 170-190	4.9											4.9	2.7	3.0
200-220	4.9	1.4										6.3	3.2	3.0
230-250	2.1	2.1										4.2	4.5	4.5
(W) 260-280	1.4											1.4	2.5	2.5
290-310	2.1											2.1	3.0	3.0
320-340	.7											.7	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////										27.5	////////////////////////////////		
TOTALS	44.9	19.0	3.5	1.4	3.5							100.0	3.6	3.0

TOTAL NUMBER OF OBSERVATIONS 142

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350010	4.3	1.3	.1	.0	.0							5.6	3.4	3.0
020-040	10.9	11.1	3.6	.5	.0	.0						26.2	5.9	5.0
050-070	7.3	7.9	3.8	.7	.1							19.8	6.5	6.0
(E) 080-100	3.7	1.2	.2	.0	.0							5.0	3.5	3.0
110-130	2.4	.3	.0	.0								2.7	2.5	2.0
140-160	2.2	.3	.0	.0								2.5	2.7	2.0
(S) 170-190	3.1	.4	.0									3.5	2.8	3.0
200-220	4.1	2.0	.2	.0	.0							6.3	4.1	4.0
230-250	4.4	5.3	1.8	.3	.0	.0	.0					11.8	6.2	6.0
(W) 260-280	2.9	2.3	.7	.1	.0	.0						6.1	5.5	5.0
290-310	2.0	.5	.0	.0	.0							2.6	3.2	3.0
320-340	1.6	.3	.0		.0							1.9	2.8	2.0
VARIABLE														
CALM	////////////////////											5.9	////	////
TOTALS	48.9	32.9	10.4	1.6	.1							100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS: 78424

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.6	2.5	.1	.1								6.2	4.5	4.0
020-040	6.7	9.3	5.0	1.2	.3							22.4	7.4	7.0
050-070	5.9	4.2	3.4	.9	.8							15.2	7.5	6.0
(E) 080-100	3.3	.5	.2									4.0	3.2	3.0
110-130	2.1	.3										2.4	2.1	2.0
140-160	2.2	.4										2.6	3.1	3.0
(S) 170-190	3.9	.6										4.5	3.2	3.0
200-220	4.7	2.7	.2	.1								7.7	4.4	4.0
230-250	4.3	3.0	2.1	.2	.2							9.7	6.6	6.0
(W) 260-280	2.5	1.2	.7	.3								4.6	5.5	4.0
290-310	2.0	.4										2.4	3.6	3.0
320-340	2.1	.8										2.9	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											15.3	////////////////////////////////	
TOTALS	43.3	25.9	11.7	2.8	1.3							100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS: 1172

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	DDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRR	TT	DD DD
PPPPPPP	AAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DD DD
PP	AA AA	RR RR	TT	DDDDDDDD
PP	AA AA	RR RR	TT	DDDDDDDD

PART D

CEILING VERSUS VISIBILITY AND SKY COVER SUMMARIES

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

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

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

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

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

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

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

SKY COVER--PERCENT OCCURRENCE FREQUENCY.

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

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

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

0/8.....CLEAR

1/8 THRU 4/8.....SCATTERED

5/8 THRU 7/8.....BROKEN

8/8.....OVERCAST

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

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 20000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 18000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 16000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 14000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 12000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 10000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 9000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 8000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 7000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 5000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4500	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3500	26.8	35.4	59.8	69.5	73.2	73.2	78.0	78.0	78.0	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	26.8	35.4	61.0	70.7	74.4	74.4	80.5	80.5	80.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1800	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 1500	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	86.6	86.6	86.6	86.6
GE 1200	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	86.6	86.6	86.6	86.6
GE 1000	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	86.6	86.6	86.6	86.6
GE 900	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	86.6	86.6	86.6	86.6
GE 800	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	86.6	86.6	86.6	86.6
GE 700	26.8	35.4	62.2	73.2	76.8	76.8	82.9	82.9	82.9	85.4	85.4	85.4	86.6	86.6	86.6	86.6
GE 600	26.8	35.4	62.2	73.2	78.0	78.0	84.1	84.1	84.1	86.6	86.6	86.6	87.8	87.8	87.8	87.8
GE 500	26.8	35.4	62.2	73.2	78.0	78.0	84.1	84.1	84.1	86.6	86.6	86.6	87.8	87.8	87.8	87.8
GE 400	26.8	35.4	62.2	74.4	80.5	80.5	86.6	86.6	86.6	89.0	89.0	89.0	90.2	90.2	90.2	90.2
GE 300	26.8	35.4	62.2	74.4	80.5	80.5	86.6	86.6	86.6	89.0	89.0	89.0	90.2	90.2	90.2	90.2
GE 200	26.8	35.4	62.2	74.4	80.5	80.5	86.6	86.6	86.6	89.0	89.0	89.0	90.2	90.2	90.2	90.2
GE 100	26.8	36.6	63.4	76.8	82.9	82.9	90.2	90.2	90.2	97.6	97.6	97.6	98.8	98.8	98.8	100.0
GE 000	26.8	36.6	63.4	76.8	82.9	82.9	90.2	90.2	90.2	97.6	97.6	97.6	98.8	98.8	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 82

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 20000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 18000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 16000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 14000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 12000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 10000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 9000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 7000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 6000	24.1	36.7	62.0	70.9	74.7	74.7	79.7	79.7	79.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 5000	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4500	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 4000	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2500	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 2000	24.1	36.7	63.3	73.4	77.2	77.2	82.3	82.3	82.3	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 1800	2.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1500	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1200	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1000	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 900	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 800	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 600	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 500	24.1	36.7	63.3	73.4	77.2	77.2	83.5	83.5	83.5	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 400	24.1	36.7	63.3	73.4	78.5	78.5	84.8	84.8	84.8	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 300	24.1	36.7	63.3	73.4	78.5	78.5	84.8	84.8	84.8	87.3	87.3	87.3	87.3	87.3	87.3	88.6
GE 200	24.1	36.7	63.3	73.4	78.5	78.5	84.8	84.8	84.8	88.6	88.6	88.6	88.6	88.6	88.6	89.9
GE 100	24.1	36.7	63.3	73.4	79.7	79.7	87.3	87.3	87.3	97.5	97.5	97.5	97.5	97.5	97.5	100.0
GE 000	24.1	36.7	63.3	73.4	79.7	79.7	87.3	87.3	87.3	97.5	97.5	97.5	97.5	97.5	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 79

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 20000	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 18000	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 16000	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 14000	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 12000	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 10000	37.5	41.3	51.0	56.8	58.3	58.3	59.5	59.8	59.8	61.8	62.2	62.2	62.9	62.9	64.5	64.5
GE 9000	37.8	41.7	51.4	57.1	58.7	58.7	59.8	60.2	60.2	62.2	62.5	62.5	63.3	63.3	64.9	64.9
GE 8000	37.8	41.7	51.4	57.1	58.7	58.7	59.8	60.2	60.2	62.2	62.5	62.5	63.3	63.3	64.9	64.9
GE 7000	38.6	42.5	52.1	57.9	59.5	59.5	60.6	61.0	61.0	62.9	63.3	63.3	64.1	64.1	65.6	65.6
GE 6000	38.6	42.5	52.1	57.9	59.5	59.5	60.6	61.0	61.0	62.9	63.3	63.3	64.1	64.1	65.6	65.6
GE 5000	39.8	43.6	53.3	59.1	61.4	61.4	62.5	62.9	62.9	64.9	65.3	65.3	66.0	66.0	67.6	67.6
GE 4500	40.2	44.0	53.7	59.8	62.2	62.2	63.3	63.7	63.7	65.6	66.0	66.0	66.8	66.8	68.3	68.3
GE 4000	42.9	46.7	56.8	62.9	65.3	65.3	66.4	66.8	66.8	68.7	69.1	69.1	69.9	69.9	71.4	71.4
GE 3500	43.6	47.5	57.5	63.7	66.0	66.0	67.2	67.6	67.6	69.5	69.9	69.9	70.7	70.7	72.2	72.2
GE 3000	49.0	52.9	63.3	69.5	71.8	71.8	73.0	73.4	73.4	75.3	75.7	75.7	76.4	76.4	78.0	78.0
GE 2500	52.5	56.4	66.8	73.4	75.7	75.7	76.8	77.6	77.6	79.9	80.3	80.3	81.1	81.1	82.6	82.6
GE 2000	58.7	62.9	74.1	80.7	83.4	83.4	84.6	85.3	85.3	87.6	88.0	88.0	88.8	88.8	90.3	90.3
GE 1800	59.5	63.7	74.9	81.5	84.2	84.2	85.3	86.1	86.1	88.4	88.8	88.8	89.6	89.6	91.1	91.1
GE 1500	59.5	63.7	74.9	81.5	84.2	84.2	85.3	86.1	86.1	89.2	89.6	89.6	90.3	90.3	91.9	91.9
GE 1200	59.5	63.7	74.9	81.5	84.6	84.6	85.7	86.5	86.5	90.0	90.3	90.3	91.1	91.1	92.7	92.7
GE 1000	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.2
GE 900	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.2
GE 800	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.2
GE 700	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.2
GE 600	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.2
GE 500	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.6
GE 400	59.5	64.1	75.3	82.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.6
GE 300	59.5	64.1	75.3	2.2	85.3	85.3	86.5	87.3	87.3	91.1	91.9	91.9	92.7	92.7	94.2	94.6
GE 200	59.8	64.5	75.7	82.6	85.7	85.7	87.3	88.0	88.0	91.9	92.7	92.7	93.4	93.4	95.0	95.8
GE 100	60.2	64.9	76.1	83.8	87.6	87.6	89.6	90.3	90.3	95.0	95.8	95.8	96.5	96.5	98.1	100.0
GE 000	60.2	64.9	76.1	83.8	87.6	87.6	89.6	90.3	90.3	95.0	95.8	95.8	96.5	96.5	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 259

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	36.9	47.3	50.9	54.0	54.0	56.7	57.3	57.6	61.9	61.9	61.9	63.4	63.4	63.7	64.3
GE 20000	32.9	36.9	47.3	50.9	54.0	54.0	56.7	57.3	57.6	61.9	61.9	61.9	63.4	63.4	63.7	64.3
GE 18000	32.9	36.9	47.3	50.9	54.0	54.0	56.7	57.3	57.6	61.9	61.9	61.9	63.4	63.4	63.7	64.3
GE 16000	32.9	36.9	47.3	50.9	54.0	54.0	56.7	57.3	57.6	61.9	61.9	61.9	63.4	63.4	63.7	64.3
GE 14000	32.9	36.9	47.3	50.9	54.0	54.0	56.7	57.3	57.6	61.9	61.9	61.9	63.4	63.4	63.7	64.3
GE 12000	33.2	37.2	47.6	51.2	54.3	54.3	57.0	57.6	57.9	62.2	62.2	62.2	63.7	63.7	64.0	64.6
GE 10000	34.1	38.1	48.5	52.1	55.2	55.2	57.9	58.5	58.8	63.1	63.1	63.1	64.6	64.6	64.9	65.5
GE 9000	35.1	39.0	49.4	53.0	56.1	56.1	58.8	59.5	59.8	64.0	64.0	64.0	65.5	65.5	65.9	66.5
GE 8000	36.3	40.5	50.9	54.6	57.6	57.6	60.4	61.0	61.3	65.5	65.5	65.5	67.1	67.1	67.4	68.0
GE 7000	36.9	41.2	51.5	55.2	58.2	58.2	61.0	61.6	61.9	66.2	66.2	66.2	67.7	67.7	68.0	68.6
GE 6000	38.4	43.0	53.4	57.0	60.1	60.1	62.8	63.4	63.7	68.0	68.0	68.0	69.5	69.5	69.8	70.4
GE 5000	41.5	46.3	57.0	60.7	63.7	63.7	66.5	67.1	67.4	71.6	71.6	71.6	73.2	73.2	73.5	74.1
GE 4500	42.1	47.3	57.9	61.6	64.6	64.6	67.4	68.0	68.3	72.6	72.6	72.6	74.1	74.1	74.4	75.0
GE 4000	45.1	50.3	61.0	64.6	67.7	67.7	70.7	71.3	71.6	75.9	75.9	75.9	77.4	77.4	77.7	78.4
GE 3500	45.7	50.9	61.6	65.2	68.3	68.3	71.3	72.0	72.3	76.5	76.5	76.5	78.0	78.0	78.4	79.0
GE 3000	51.2	57.3	68.3	72.0	75.3	75.6	78.7	79.3	79.6	83.8	83.8	83.8	85.4	85.4	85.7	86.3
GE 2500	52.4	58.8	69.8	73.5	77.1	77.4	80.8	81.4	81.7	86.0	86.0	86.0	87.5	87.5	87.8	88.4
GE 2000	55.2	61.9	73.2	77.1	81.4	81.7	85.1	85.7	86.0	90.9	90.9	90.9	92.4	92.4	92.7	93.3
GE 1800	55.5	62.2	73.5	77.4	81.7	82.0	85.4	86.0	86.3	91.2	91.2	91.2	92.7	92.7	93.0	93.6
GE 1500	55.8	62.5	74.1	78.0	82.3	82.6	86.0	86.6	86.9	92.4	92.4	92.4	93.9	93.9	94.2	94.8
GE 1200	55.8	62.5	74.1	78.0	82.3	82.6	86.0	86.6	86.9	92.4	92.4	92.4	94.2	94.2	94.5	95.1
GE 1000	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.3	95.1	95.1	95.7	96.3
GE 900	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.3	95.1	95.1	95.7	96.3
GE 800	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.3	95.1	95.1	95.7	96.3
GE 700	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.6	95.4	95.4	96.3	97.0
GE 600	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.6	95.4	95.4	96.3	97.0
GE 500	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.6	95.4	95.4	96.3	97.0
GE 400	56.1	62.8	74.7	78.7	83.2	83.5	86.9	87.5	87.8	93.3	93.3	93.6	95.4	95.4	96.3	97.0
GE 300	56.4	63.1	75.0	79.0	83.5	83.8	87.2	87.8	88.1	93.6	93.6	93.9	95.7	95.7	96.6	97.3
GE 200	56.4	63.1	75.0	79.0	83.5	83.8	87.2	87.8	88.1	93.6	93.6	93.9	95.7	95.7	96.6	97.3
GE 100	56.7	63.7	75.9	80.2	84.8	85.1	88.4	89.0	89.3	95.1	95.1	95.4	97.3	97.3	98.2	100.0
GE 000	56.7	63.7	75.9	80.2	84.8	85.1	88.4	89.0	89.3	95.1	95.1	95.4	97.3	97.3	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 328

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.9	37.3	48.6	53.8	57.4	57.4	60.6	60.6	60.6	62.7	63.1	63.1	65.5	65.5	65.9	66.7
GE 20000	33.3	37.8	49.0	54.2	57.8	57.8	61.0	61.0	61.0	63.5	63.9	63.9	66.3	66.3	66.7	67.5
GE 18000	33.3	37.8	49.0	54.2	57.8	57.8	61.0	61.0	61.0	63.5	63.9	63.9	66.3	66.3	66.7	67.5
GE 16000	33.3	37.8	49.0	54.2	57.8	57.8	61.0	61.0	61.0	63.5	63.9	63.9	66.3	66.3	66.7	67.5
GE 14000	34.1	38.6	49.8	55.0	58.6	58.6	61.8	61.8	61.8	64.3	64.7	64.7	67.1	67.1	67.5	68.3
GE 12000	34.1	38.6	49.8	55.0	58.6	58.6	61.8	61.8	61.8	64.3	64.7	64.7	67.1	67.1	67.5	68.3
GE 10000	35.7	40.2	51.4	56.6	60.2	60.2	63.5	63.5	63.5	65.9	66.3	66.3	68.7	68.7	69.1	69.9
GE 9000	36.9	41.4	52.6	57.8	61.4	61.4	64.7	64.7	64.7	67.1	67.5	67.5	69.9	69.9	70.3	71.1
GE 8000	39.0	43.4	55.0	60.2	63.9	63.9	67.1	67.1	67.1	69.5	69.9	69.9	72.3	72.3	72.7	73.5
GE 7000	40.6	45.0	56.6	61.8	65.9	65.9	69.1	69.1	69.1	71.5	71.9	71.9	74.3	74.3	74.7	75.5
GE 6000	43.0	47.4	59.0	64.3	68.3	68.3	71.5	71.5	71.5	73.9	74.3	74.3	76.7	76.7	77.1	77.9
GE 5000	44.6	49.0	60.6	65.9	69.9	69.9	73.1	73.1	73.1	75.5	75.9	75.9	78.3	78.3	78.7	79.5
GE 4500	45.4	49.8	61.4	66.7	70.7	70.7	73.9	73.9	73.9	76.3	76.7	76.7	79.1	79.1	79.5	80.3
GE 4000	47.8	52.2	63.9	69.1	73.1	73.1	76.3	76.3	76.3	78.7	79.1	79.1	81.5	81.5	81.9	82.7
GE 3500	49.0	53.4	65.1	70.3	74.3	74.3	77.5	77.5	77.5	79.9	80.3	80.3	82.7	82.7	83.1	83.9
GE 3000	51.4	55.8	68.7	73.9	77.9	77.9	81.9	81.9	81.9	84.3	84.7	84.7	87.1	87.1	87.6	88.4
GE 2500	52.6	57.0	69.9	75.1	79.1	79.1	83.1	83.5	83.5	85.9	86.3	86.3	88.8	88.8	89.2	90.0
GE 2000	54.6	59.0	71.9	77.1	81.1	81.1	85.5	85.9	85.9	88.4	89.2	89.2	91.6	91.6	92.0	92.8
GE 1800	54.6	59.0	71.9	77.1	81.1	81.1	85.5	85.9	85.9	88.4	89.2	89.2	91.6	91.6	92.0	92.8
GE 1500	55.0	59.4	72.3	77.5	81.5	81.5	85.9	86.7	87.1	89.6	90.4	90.4	92.8	92.8	93.2	94.0
GE 1200	55.0	59.4	72.3	77.5	81.9	81.9	86.7	88.0	88.4	90.8	91.6	91.6	94.0	94.0	94.4	95.2
GE 1000	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 900	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 800	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 700	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	2.8	92.8	95.2	95.2	95.6	96.4
GE 600	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 500	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 400	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 300	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.4
GE 200	55.4	59.8	72.7	77.9	82.7	82.7	87.6	88.8	89.2	91.6	92.8	92.8	95.2	95.2	95.6	96.8
GE 100	55.4	59.8	73.1	78.7	83.9	83.9	89.2	90.4	90.8	93.2	94.4	94.4	96.8	96.8	97.2	100.0
GE 000	55.4	59.8	73.1	78.7	83.9	83.9	89.2	90.4	90.8	93.2	94.4	94.4	96.8	96.8	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 249

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.2	36.2	45.9	48.5	51.5	51.5	54.4	54.4	54.4	57.4	57.4	57.6	58.8	58.8	58.8	59.4
GE 20000	33.5	36.5	46.2	48.8	51.8	51.8	54.7	54.7	54.7	57.6	57.6	57.9	59.1	59.1	59.1	59.7
GE 18000	33.5	36.5	46.2	48.8	51.8	51.8	54.7	54.7	54.7	57.6	57.6	57.9	59.1	59.1	59.1	59.7
GE 16000	33.5	36.5	46.2	48.8	51.8	51.8	54.7	54.7	54.7	57.6	57.6	57.9	59.1	59.1	59.1	59.7
GE 14000	34.1	37.1	46.8	49.4	52.4	52.4	55.3	55.3	55.3	58.2	58.2	58.5	59.7	59.7	59.7	60.3
GE 12000	34.4	37.4	47.1	49.7	52.6	52.6	55.6	55.6	55.6	58.5	58.5	58.8	60.0	60.0	60.0	60.6
GE 10000	35.9	38.8	48.5	51.2	54.1	54.1	57.1	57.1	57.1	60.0	60.0	60.3	61.5	61.5	61.5	62.1
GE 9000	36.5	39.4	49.1	51.8	54.7	54.7	57.6	57.9	57.9	60.9	60.9	61.2	62.4	62.4	62.4	62.9
GE 8000	37.9	40.9	50.6	53.2	56.2	56.2	59.1	59.4	59.4	62.4	62.4	62.6	63.8	63.8	63.8	64.4
GE 7000	40.3	43.2	52.9	55.6	58.5	58.5	61.5	61.8	61.8	64.7	64.7	65.0	66.2	66.2	66.2	66.8
GE 6000	42.4	45.6	55.3	57.9	60.9	60.9	63.8	64.1	64.1	67.1	67.1	67.4	68.5	68.5	68.5	69.1
GE 5000	48.2	51.5	61.5	64.1	67.1	67.1	70.0	70.3	70.3	73.2	73.2	73.5	74.7	74.7	74.7	75.3
GE 4500	49.4	52.6	62.6	65.3	68.2	68.2	71.2	71.5	71.5	74.4	74.4	74.7	75.9	75.9	75.9	76.5
GE 4000	52.4	55.6	65.9	68.5	71.5	71.5	75.0	75.3	75.3	78.2	78.2	78.5	79.7	79.7	79.7	80.3
GE 3500	52.9	56.2	66.5	69.1	72.1	72.1	75.6	75.9	75.9	78.8	78.8	79.1	80.3	80.3	80.3	80.9
GE 3000	56.5	60.3	70.9	73.5	76.8	76.8	80.9	81.2	81.2	84.1	84.1	84.4	85.6	85.6	85.6	86.2
GE 2500	58.2	62.1	72.6	75.6	79.4	79.4	83.8	84.1	84.1	87.4	87.4	87.6	88.8	88.8	88.8	89.4
GE 2000	59.4	63.2	74.4	77.4	81.5	81.5	86.2	86.5	86.5	89.7	89.7	90.0	91.2	91.2	91.2	91.8
GE 1800	59.4	63.2	74.4	77.6	81.8	81.8	86.5	86.8	86.8	90.0	90.0	90.3	91.5	91.5	91.5	92.1
GE 1500	59.7	63.8	75.0	78.2	82.4	82.4	87.4	87.9	87.9	91.5	91.5	91.8	92.9	92.9	92.9	93.5
GE 1200	60.0	64.1	75.6	78.8	82.9	82.9	88.2	89.1	89.1	93.2	93.2	93.5	94.7	94.7	94.7	95.3
GE 1000	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.0	95.0	95.9	96.2	97.4	97.4	97.9
GE 900	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.0	95.0	95.9	96.2	97.4	97.4	97.9
GE 800	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.0	95.0	95.9	96.2	97.4	97.4	97.9
GE 700	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.3	95.3	96.2	96.5	97.6	97.6	98.2
GE 600	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.3	95.3	96.2	96.5	97.6	97.6	98.2
GE 500	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.3	95.3	96.2	96.5	97.6	97.6	98.2
GE 400	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.3	95.3	96.2	96.5	97.6	97.6	98.2
GE 300	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.3	95.3	96.2	96.5	97.6	97.6	98.2
GE 200	60.3	64.4	75.9	79.1	83.8	83.8	89.7	90.6	90.6	95.3	95.3	96.2	96.5	97.6	97.6	98.2
GE 100	60.3	64.4	75.9	79.1	84.1	84.1	90.0	90.9	90.9	95.6	95.6	96.5	96.8	97.9	97.9	100.0
GE 000	60.3	64.4	75.9	79.1	84.1	84.1	90.0	90.9	90.9	95.6	95.6	96.5	96.8	97.9	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 340

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	34.6	38.2	48.8	52.0	55.7	55.7	57.3	58.5	58.5	61.4	61.4	61.4	62.2	62.2	62.6	62.6
GE 20000	34.6	38.2	48.8	52.0	55.7	55.7	57.3	58.5	58.5	61.4	61.4	61.4	62.2	62.2	62.6	62.6
GE 18000	34.6	38.2	48.8	52.0	55.7	55.7	57.3	58.5	58.5	61.4	61.4	61.4	62.2	62.2	62.6	62.6
GE 16000	34.6	38.2	48.8	52.0	55.7	55.7	57.3	58.5	58.5	61.4	61.4	61.4	62.2	62.2	62.6	62.6
GE 14000	34.6	38.2	48.3	52.0	55.7	55.7	57.3	58.5	58.5	61.4	61.4	61.4	62.2	62.2	62.6	62.6
GE 12000	34.6	38.2	48.8	52.0	55.7	55.7	57.3	58.5	58.5	61.4	61.4	61.4	62.2	62.2	62.6	62.6
GE 10000	35.0	38.6	49.2	52.4	56.1	56.1	57.7	58.9	58.9	61.8	61.8	61.8	62.6	62.6	63.0	63.0
GE 9000	35.4	39.0	49.6	52.8	56.5	56.5	58.1	59.3	59.3	62.2	62.2	62.2	63.0	63.0	63.4	63.4
GE 8000	35.8	39.4	50.0	53.3	56.9	56.9	58.5	59.8	59.8	62.6	62.6	62.6	63.4	63.4	63.8	63.8
GE 7000	37.8	41.5	52.0	55.3	58.9	58.9	60.6	61.8	61.8	64.6	64.6	64.6	65.4	65.4	65.9	65.9
GE 6000	38.6	42.3	52.8	56.1	59.8	59.8	61.4	62.6	62.6	65.4	65.4	65.4	66.3	66.3	66.7	66.7
GE 5000	42.3	45.9	56.9	60.2	64.2	64.2	65.9	67.1	67.1	69.9	69.9	69.9	70.7	70.7	71.1	71.1
GE 4500	42.3	45.9	56.9	60.2	64.2	64.2	65.9	67.1	67.1	70.3	70.3	70.3	71.1	71.1	71.5	71.5
GE 4000	45.9	49.6	61.4	64.6	69.1	69.1	70.7	72.0	72.0	75.2	75.2	75.2	76.0	76.0	76.4	76.4
GE 3500	46.7	50.4	62.2	65.4	69.9	69.9	71.5	72.8	72.8	76.0	76.0	76.0	76.8	76.8	77.2	77.2
GE 3000	50.0	53.7	65.4	68.7	73.2	73.2	74.8	76.0	76.0	79.3	79.3	79.3	80.1	80.1	80.5	80.5
GE 2500	52.0	55.7	67.5	71.1	75.6	75.6	77.2	78.5	78.5	81.7	81.7	81.7	82.5	82.5	82.9	82.9
GE 2000	53.7	57.3	69.1	72.8	77.6	77.6	79.3	80.9	80.9	84.6	84.6	84.6	85.4	85.4	85.8	85.8
GE 1800	54.5	58.1	70.3	74.0	78.9	78.9	80.5	82.1	82.1	85.8	85.8	85.8	86.6	86.6	87.0	87.0
GE 1500	55.3	58.9	71.1	74.8	79.7	79.7	82.5	84.1	84.1	87.8	87.8	87.8	88.6	88.6	89.0	89.0
GE 1200	55.3	58.9	71.1	74.8	79.7	79.7	83.3	85.0	85.0	89.8	90.2	90.2	91.1	91.1	91.5	91.5
GE 1000	55.7	59.3	71.5	75.6	81.7	81.7	85.4	87.0	87.0	91.9	93.1	93.1	93.9	93.9	94.3	94.3
GE 900	55.7	59.3	71.5	75.6	81.7	81.7	85.4	87.0	87.0	91.9	93.1	93.1	93.9	93.9	94.3	94.3
GE 800	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 700	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 600	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 500	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 400	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 300	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 200	55.7	59.3	71.5	76.0	82.1	82.1	85.8	87.4	87.4	92.3	93.5	93.5	94.3	94.3	95.1	95.1
GE 100	55.7	59.3	72.0	76.8	83.3	83.3	88.2	89.8	89.8	95.5	96.7	96.7	97.6	97.6	98.4	100.0
GE 000	55.7	59.3	72.0	76.8	83.3	83.3	88.2	89.8	89.8	95.5	96.7	96.7	97.6	97.6	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 246

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JAN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 20000	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 18000	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 16000	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 14000	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 12000	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 10000	31.9	41.8	52.7	60.4	64.3	64.3	65.4	66.5	66.5	67.6	67.6	67.6	68.7	68.7	69.8	69.8
GE 9000	32.4	42.3	53.3	61.0	64.8	64.8	65.9	67.0	67.0	68.1	68.1	68.1	69.2	69.2	70.3	70.3
GE 8000	32.4	42.3	53.3	61.0	64.8	64.8	65.9	67.0	67.0	68.1	68.1	68.1	69.2	69.2	70.3	70.3
GE 7000	33.5	43.4	54.4	62.1	65.9	65.9	67.0	68.1	68.1	69.2	69.2	69.2	70.3	70.3	71.4	71.4
GE 6000	34.6	44.5	55.5	63.2	67.0	67.0	68.1	69.2	69.2	70.3	70.3	70.3	71.4	71.4	72.5	72.5
GE 5000	37.9	48.4	59.3	67.0	70.9	70.9	72.0	73.1	73.1	74.2	74.2	74.2	75.3	75.3	76.4	76.4
GE 4500	37.9	48.4	59.3	67.0	70.9	70.9	72.0	73.1	73.1	74.2	74.2	74.2	75.3	75.3	76.4	76.4
GE 4000	39.6	50.0	61.0	68.7	72.5	72.5	73.6	74.7	74.7	76.4	76.4	76.4	77.5	77.5	78.6	78.6
GE 3500	39.6	50.0	61.0	69.2	73.1	73.1	74.2	75.3	75.3	76.9	76.9	76.9	78.0	78.0	79.1	79.1
GE 3000	42.9	54.4	65.4	73.6	78.0	78.0	79.1	80.2	80.2	81.9	81.9	81.9	83.0	83.0	84.1	84.1
GE 2500	45.1	56.6	68.1	76.4	80.8	80.8	81.9	83.0	83.0	84.6	84.6	84.6	85.7	85.7	86.8	86.8
GE 2000	46.7	58.8	70.9	79.1	83.5	83.5	84.6	85.7	85.7	87.4	87.4	87.4	88.5	88.5	89.6	89.6
GE 1800	46.7	58.8	71.4	79.7	84.6	84.6	85.7	86.8	86.8	88.5	88.5	88.5	89.6	89.6	90.7	90.7
GE 1500	47.3	59.3	72.0	80.2	85.2	85.2	86.8	87.9	87.9	90.1	90.1	90.1	91.2	91.2	92.3	92.3
GE 1200	47.3	59.3	72.0	80.2	85.2	85.2	86.8	87.9	87.9	90.7	90.7	90.7	91.8	91.8	92.9	92.9
GE 1000	47.8	59.9	72.5	80.8	86.3	86.3	87.9	89.0	89.0	91.8	91.8	91.8	92.9	92.9	94.0	94.0
GE 900	47.8	59.9	72.5	80.8	86.3	86.3	87.9	89.0	89.0	91.8	91.8	91.8	92.9	92.9	94.0	94.0
GE 800	47.8	59.9	72.5	80.8	86.3	86.3	87.9	89.0	89.0	91.8	91.8	91.8	92.9	92.9	94.5	94.5
GE 700	47.8	59.9	72.5	80.8	86.3	86.3	87.9	89.0	89.0	91.8	91.8	91.8	92.9	92.9	94.5	94.5
GE 600	47.8	59.9	72.5	80.8	86.3	86.3	87.9	89.0	89.0	91.8	91.8	91.8	92.9	92.9	94.5	94.5
GE 500	48.4	60.4	73.1	81.3	86.8	86.8	88.5	89.6	89.6	92.3	92.3	92.3	93.4	93.4	95.1	95.1
GE 400	48.4	60.4	73.1	81.3	86.8	86.8	88.5	89.6	89.6	92.3	92.3	92.3	93.4	93.4	95.1	95.1
GE 300	48.4	60.4	73.1	81.3	86.8	86.8	88.5	89.6	89.6	92.3	92.3	92.3	93.4	93.4	95.1	95.1
GE 200	48.4	60.4	73.1	81.3	86.8	86.8	88.5	89.6	89.6	92.9	92.9	92.9	94.0	94.0	96.2	96.2
GE 100	48.4	60.4	73.1	81.3	87.4	87.4	89.0	90.1	90.1	93.4	93.4	93.4	94.5	94.5	96.7	100.0
GE 000	48.4	60.4	73.1	81.3	87.4	87.4	89.0	90.1	90.1	93.4	93.4	93.4	94.5	94.5	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 182

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	33.1	38.1	49.7	54.6	57.7	57.7	60.2	60.7	60.7	63.3	63.4	63.5	64.6	64.6	65.2	65.5
GE 20000	33.2	38.2	49.9	54.7	57.8	57.8	60.3	60.8	60.8	63.5	63.6	63.6	64.8	64.8	65.3	65.7
GE 18000	33.2	38.2	49.9	54.7	57.8	57.8	60.3	60.8	60.8	63.5	63.6	63.6	64.8	64.8	65.3	65.7
GE 16000	33.2	38.2	49.9	54.7	57.8	57.8	60.3	60.8	60.8	63.5	63.6	63.6	64.8	64.8	65.3	65.7
GE 14000	33.4	38.4	50.1	55.0	58.1	58.1	60.6	61.0	61.1	63.7	63.8	63.9	65.0	65.0	65.6	65.9
GE 12000	33.5	38.5	50.2	55.1	58.2	58.2	60.7	61.1	61.2	63.8	63.9	64.0	65.2	65.2	65.7	66.0
GE 10000	34.3	39.3	50.9	55.8	58.9	58.9	61.4	61.9	61.9	64.5	64.6	64.7	65.9	65.9	66.4	66.7
GE 9000	34.9	39.9	51.6	56.4	59.5	59.5	62.0	62.5	62.6	65.2	65.3	65.4	66.6	66.6	67.1	67.4
GE 8000	35.8	40.8	52.5	57.4	60.5	60.5	63.0	63.5	63.6	66.2	66.3	66.3	67.5	67.5	68.0	68.4
GE 7000	37.1	42.1	53.8	58.7	61.9	61.9	64.4	64.9	64.9	67.5	67.6	67.7	68.9	68.9	69.4	69.7
GE 6000	38.3	43.5	55.2	60.1	63.2	63.2	65.7	66.2	66.3	68.9	69.0	69.1	70.3	70.3	70.8	71.1
GE 5000	41.2	46.5	58.5	63.4	66.7	66.7	69.2	69.7	69.8	72.4	72.5	72.6	73.8	73.8	74.3	74.6
GE 4500	41.8	47.1	59.0	64.0	67.4	67.4	69.9	70.4	70.4	73.1	73.2	73.3	74.4	74.4	75.0	75.3
GE 4000	44.3	49.6	61.8	66.8	70.2	70.2	72.9	73.4	73.4	76.2	76.3	76.4	77.6	77.6	78.1	78.4
GE 3500	44.9	50.3	62.4	67.5	70.9	70.9	73.5	74.1	74.1	76.9	77.0	77.1	78.2	78.2	78.8	79.1
GE 3000	48.6	54.3	66.9	71.9	75.5	75.5	78.5	79.0	79.0	81.9	82.0	82.0	83.2	83.2	83.7	84.1
GE 2500	50.3	56.1	68.8	74.1	77.8	77.8	80.9	81.5	81.6	84.5	84.6	84.7	85.9	85.9	86.4	86.7
GE 2000	52.6	58.6	71.6	76.9	81.0	81.0	84.2	84.9	84.9	88.0	88.2	88.3	89.5	89.5	90.0	90.3
GE 1800	52.9	58.9	72.0	77.4	81.5	81.5	84.8	85.4	85.5	88.6	88.8	88.8	90.0	90.0	90.5	90.9
GE 1500	53.3	59.3	72.5	77.8	81.9	82.0	85.5	86.3	86.4	89.9	90.0	90.1	91.3	91.3	91.8	92.2
GE 1200	53.3	59.3	72.6	78.0	82.2	82.2	85.9	86.9	87.0	90.8	91.0	91.1	92.4	92.4	92.9	93.3
GE 1000	53.6	59.7	73.0	78.5	83.1	83.2	87.0	87.9	88.0	92.0	92.6	92.7	94.0	94.0	94.6	94.9
GE 900	53.6	59.7	73.0	78.5	83.1	83.2	87.0	87.9	88.0	92.0	92.6	92.7	94.0	94.0	94.6	94.9
GE 800	53.6	59.7	73.0	78.5	83.2	83.2	87.1	88.0	88.1	92.1	92.7	92.7	94.1	94.1	94.7	95.1
GE 700	53.6	59.7	73.0	78.5	83.2	83.2	87.1	88.0	88.1	92.1	92.7	92.9	94.2	94.2	94.9	95.2
GE 600	53.6	59.7	73.0	78.5	83.2	83.3	87.1	88.0	88.2	92.2	92.8	92.9	94.2	94.2	95.0	95.3
GE 500	53.7	59.7	73.0	78.6	83.3	83.3	87.2	88.1	88.2	92.2	92.9	93.0	94.3	94.3	95.0	95.4
GE 400	53.7	59.7	73.0	78.6	83.5	83.5	87.4	88.3	88.4	92.4	93.0	93.1	94.4	94.4	95.2	95.6
GE 300	53.7	59.8	73.1	78.7	83.5	83.6	87.4	88.3	88.4	92.5	93.1	93.2	94.5	94.5	95.2	95.7
GE 200	53.8	59.8	73.1	78.8	83.6	83.6	87.5	88.4	88.6	92.7	93.3	93.4	94.7	94.7	95.5	96.1
GE 100	53.9	60.1	73.5	79.5	84.7	84.8	89.1	90.0	90.1	95.0	95.6	95.8	97.1	97.1	97.8	100.0
GE 000	53.9	60.1	73.5	79.5	84.7	84.8	89.1	90.0	90.1	95.0	95.6	95.8	97.1	97.1	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1765

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 20000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 18000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 16000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 14000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 12000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 10000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 9000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 8000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 7000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 6000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 5000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4500	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 4000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3500	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 3000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2500	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1200	85.5	85.5	85.5	87.1	91.9	91.9	96.8	96.8	96.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1000	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.1	87.1	87.1	88.7	93.5	93.5	98.4	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 20000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 18000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 16000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 14000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 12000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 10000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 9000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 8000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 7000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 6000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 5000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4500	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 4000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3500	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 3000	80.4	85.7	85.7	89.3	92.9	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 2500	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.1	87.5	87.5	91.1	94.6	94.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 56

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	50.5	52.1	54.9	56.2	58.4	58.4	58.7	59.0	59.0	61.0	61.9	61.9	62.5	62.5	63.2	65.1
GE 20000	50.5	52.1	54.9	56.2	58.4	58.4	58.7	59.0	59.0	61.0	61.9	61.9	62.5	62.5	63.2	65.1
GE 18000	50.5	52.1	54.9	56.2	58.4	58.4	58.7	59.0	59.0	61.0	61.9	61.9	62.5	62.5	63.2	65.1
GE 16000	50.5	52.1	54.9	56.2	58.4	58.4	58.7	59.0	59.0	61.0	61.9	61.9	62.5	62.5	63.2	65.1
GE 14000	51.1	52.7	55.6	56.8	59.0	59.0	59.4	59.7	59.7	61.6	62.5	62.5	63.2	63.2	63.8	65.7
GE 12000	53.0	54.6	57.5	58.7	61.0	61.0	61.3	61.6	61.6	63.5	64.4	64.4	65.1	65.1	65.7	67.6
GE 10000	54.6	56.2	59.0	60.3	62.5	62.5	62.9	63.2	63.2	65.1	66.0	66.0	66.7	66.7	67.3	69.2
GE 9000	55.6	57.1	60.0	61.3	63.5	63.5	63.8	64.1	64.1	66.0	67.0	67.0	67.6	67.6	68.3	70.2
GE 8000	56.2	57.8	60.6	61.9	64.4	64.4	64.8	65.1	65.1	67.0	67.9	67.9	68.6	68.6	69.2	71.1
GE 7000	59.4	61.0	63.8	65.1	67.6	67.6	67.9	68.3	68.3	70.2	71.1	71.1	71.7	71.7	72.4	74.3
GE 6000	61.6	63.5	66.3	67.6	70.2	70.2	70.5	71.1	71.1	73.0	74.0	74.0	74.6	74.6	75.2	77.1
GE 5000	65.4	67.3	70.2	71.4	74.3	74.3	74.6	75.2	75.2	77.1	78.1	78.1	78.7	78.7	79.4	81.3
GE 4500	66.3	68.3	71.1	72.4	75.2	75.2	75.6	76.2	76.2	78.1	79.0	79.0	79.7	79.7	80.3	82.2
GE 4000	70.2	72.4	75.2	76.5	79.4	79.4	79.7	80.3	80.3	82.5	83.5	83.5	84.1	84.1	84.8	86.7
GE 3500	70.8	73.0	75.9	77.1	80.3	80.3	80.6	81.3	81.3	83.5	84.4	84.4	85.1	85.1	85.7	87.6
GE 3000	74.9	77.1	80.0	81.3	85.1	85.1	85.4	86.0	86.0	88.3	89.2	89.2	89.8	89.8	90.5	92.4
GE 2500	75.9	78.1	81.0	82.2	86.7	86.7	87.3	88.3	88.3	90.5	91.4	91.4	92.1	92.1	92.7	94.6
GE 2000	76.8	79.0	81.9	83.2	87.9	87.9	88.6	89.5	89.5	91.7	92.7	92.7	93.3	93.3	94.0	95.9
GE 1800	77.1	79.4	82.2	83.5	88.3	88.3	88.9	89.8	89.8	92.4	93.3	93.3	94.0	94.0	94.6	96.5
GE 1500	77.1	79.4	82.2	83.5	88.3	88.3	88.9	89.8	89.8	93.0	94.3	94.3	94.9	94.9	95.6	97.5
GE 1200	77.5	79.7	82.5	84.1	88.9	88.9	89.5	90.5	90.5	93.7	94.9	94.9	95.6	95.6	96.2	98.1
GE 1000	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.6	95.6	96.2	96.2	97.1	99.0
GE 900	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	96.8	96.8	97.8	99.7
GE 800	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 700	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 600	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 500	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 400	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 300	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 200	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 100	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0
GE 000	77.8	80.0	82.9	84.4	89.2	89.2	89.8	90.8	90.8	94.0	95.9	95.9	97.1	97.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 315

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.8	52.2	53.8	54.2	55.7	55.7	58.5	58.9	58.9	60.5	60.9	61.3	62.1	62.5	62.8	64.4
GE 20000	51.8	52.2	53.8	54.2	55.7	55.7	58.5	58.9	58.9	60.5	60.9	61.3	62.1	62.5	62.8	64.4
GE 18000	52.2	52.6	54.2	54.5	56.1	56.1	58.9	59.3	59.3	60.9	61.3	61.7	62.5	62.8	63.2	64.8
GE 16000	52.2	52.6	54.2	54.5	56.1	56.1	58.9	59.3	59.3	60.9	61.3	61.7	62.5	62.8	63.2	64.8
GE 14000	52.6	53.0	54.5	54.9	56.5	56.5	59.3	59.7	59.7	61.3	61.7	62.1	62.8	63.2	63.6	65.2
GE 12000	53.0	53.4	54.9	55.3	56.9	56.9	59.7	60.1	60.1	61.7	62.1	62.5	63.2	63.6	64.0	65.6
GE 10000	53.4	53.8	55.3	55.7	57.3	57.3	60.1	60.5	60.5	62.1	62.5	62.8	63.6	64.0	64.4	66.0
GE 9000	53.4	53.8	55.3	55.7	57.3	57.3	60.1	60.5	60.5	62.1	62.5	62.8	63.6	64.0	64.4	66.0
GE 8000	53.8	54.2	55.7	56.1	57.7	57.7	60.5	60.9	60.9	62.5	62.8	63.2	64.0	64.4	64.8	66.4
GE 7000	55.3	55.7	57.3	57.7	59.3	59.3	62.1	62.5	62.5	64.0	64.4	64.8	65.6	66.0	66.4	68.0
GE 6000	56.5	56.9	58.5	58.9	60.5	60.5	63.2	63.6	63.6	65.2	65.6	66.0	66.8	67.2	67.6	69.2
GE 5000	59.7	60.1	61.7	62.1	63.6	63.6	66.4	66.8	66.8	68.4	68.8	69.2	70.0	70.4	70.8	72.3
GE 4500	61.3	61.7	63.2	63.6	65.2	65.2	68.0	68.4	68.4	70.0	70.4	70.8	71.5	71.9	72.3	73.9
GE 4000	66.0	66.4	68.0	68.4	70.0	70.0	72.7	73.1	73.1	74.7	75.1	75.5	76.3	76.7	77.1	78.7
GE 3500	66.8	67.2	68.8	69.2	70.8	70.8	73.5	73.9	73.9	75.5	75.9	76.3	77.1	77.5	77.9	79.4
GE 3000	79.1	79.4	81.4	81.8	83.8	83.8	86.6	87.0	87.0	88.5	88.9	89.3	90.1	90.5	90.9	92.5
GE 2500	80.6	81.0	83.0	83.4	85.8	85.8	88.5	88.9	88.9	90.5	90.9	91.3	92.1	92.5	92.9	94.5
GE 2000	82.2	82.6	85.0	85.4	87.7	87.7	90.5	90.9	90.9	92.5	92.9	93.3	94.1	94.5	94.9	96.4
GE 1800	82.2	82.6	85.8	86.2	88.5	88.5	91.3	91.7	91.7	93.7	94.9	95.3	96.0	96.4	96.8	98.4
GE 1500	82.2	82.6	85.8	86.2	88.5	88.5	91.3	91.7	91.7	93.7	95.3	95.7	96.4	96.8	97.2	98.8
GE 1200	82.2	82.6	85.8	86.2	88.5	88.5	91.3	91.7	91.7	93.7	95.3	95.7	96.4	96.8	97.2	98.8
GE 1000	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.2	97.6	98.0	99.6
GE 900	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 800	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 700	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 600	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 500	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 400	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 300	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 200	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 100	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0
GE 000	82.2	82.6	85.8	86.2	88.5	88.5	91.7	92.1	92.1	94.1	95.7	96.0	97.6	98.0	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 253

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.6	61.0	62.9	63.4	65.7	65.7	66.7	66.7	66.7	67.1	67.1	67.1	67.1	67.1	67.6	68.5
GE 20000	61.0	61.5	63.4	63.8	66.2	66.2	67.1	67.1	67.1	67.6	67.6	67.6	67.6	67.6	68.1	69.0
GE 18000	61.5	62.0	63.8	64.3	66.7	66.7	67.6	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.5	69.5
GE 16000	61.5	62.0	63.8	64.3	66.7	66.7	67.6	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.5	69.5
GE 14000	62.9	63.4	65.3	65.7	68.1	68.1	69.0	69.0	69.0	69.5	69.5	69.5	69.5	69.5	70.0	70.9
GE 12000	63.8	64.3	66.2	66.7	69.0	69.0	70.0	70.0	70.0	70.4	70.4	70.4	70.4	70.4	70.9	71.8
GE 10000	65.3	65.7	67.6	68.1	70.4	70.4	71.4	71.4	71.4	71.8	71.8	71.8	71.8	71.8	72.3	73.2
GE 9000	65.3	65.7	67.6	68.5	70.9	70.9	71.8	71.8	71.8	72.3	72.3	72.3	72.3	72.3	72.8	73.7
GE 8000	68.1	68.5	70.4	71.4	73.7	73.7	74.6	74.6	74.6	75.1	75.1	75.1	75.1	75.1	75.6	76.5
GE 7000	71.8	72.3	74.2	75.1	77.5	77.5	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.8	80.8
GE 6000	73.2	73.7	75.6	76.5	78.9	78.9	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8	81.2	82.2
GE 5000	75.6	76.1	77.9	78.9	81.2	81.2	82.6	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.6	84.5
GE 4500	75.6	76.1	77.9	78.9	81.2	81.2	82.6	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.6	84.5
GE 4000	78.9	79.3	81.2	82.2	84.5	84.5	85.9	85.9	85.9	86.4	86.4	86.4	86.4	86.4	86.9	87.8
GE 3500	78.9	79.3	81.2	82.2	84.5	84.5	85.9	86.4	86.4	86.9	86.9	86.9	86.9	86.9	87.3	88.3
GE 3000	82.2	82.6	85.0	85.9	88.7	88.7	90.1	90.6	90.6	91.1	91.1	91.1	91.1	91.1	91.5	92.5
GE 2500	83.1	83.6	85.9	86.9	89.7	89.7	91.1	91.5	91.5	92.0	92.0	92.0	92.0	92.0	92.5	93.4
GE 2000	83.1	83.6	85.9	86.9	89.7	89.7	91.1	92.0	92.0	92.5	92.5	92.5	92.5	92.5	93.0	93.9
GE 1800	83.1	83.6	85.9	86.9	89.7	89.7	91.1	92.5	92.5	93.0	93.0	93.0	93.0	93.0	93.4	94.4
GE 1500	83.6	84.0	86.4	87.3	90.1	90.1	91.5	93.4	93.4	93.9	94.4	94.4	94.4	94.4	94.8	95.8
GE 1200	83.6	84.0	86.9	87.8	90.6	90.6	92.5	94.4	94.4	94.8	95.3	95.3	95.3	95.3	95.8	96.7
GE 1000	83.6	84.0	86.9	87.8	90.6	90.6	92.5	94.4	94.4	94.8	95.3	95.3	95.3	95.3	96.2	97.2
GE 900	83.6	84.0	86.9	87.8	90.6	90.6	92.5	94.4	94.4	94.8	95.3	95.3	95.3	95.3	96.2	97.2
GE 800	83.6	84.0	86.9	87.8	90.6	90.6	92.5	94.4	94.4	94.8	95.3	95.8	95.8	95.8	96.7	97.7
GE 700	83.6	84.0	86.9	87.8	90.6	90.6	92.5	94.4	94.4	94.8	95.3	95.8	95.8	95.8	96.7	97.7
GE 600	84.0	84.5	87.3	88.3	91.1	91.1	93.0	94.8	94.8	95.3	95.8	96.2	96.2	96.2	97.2	98.1
GE 500	84.0	84.5	87.3	88.3	91.1	91.1	93.0	94.8	94.8	95.3	95.8	96.2	96.2	96.2	97.2	98.1
GE 400	84.5	85.0	87.8	88.7	91.5	91.5	93.4	95.3	95.3	95.8	96.2	96.7	96.7	96.7	97.7	98.6
GE 300	84.5	85.0	87.8	88.7	91.5	91.5	93.4	95.3	95.3	95.8	96.2	96.7	96.7	96.7	97.7	98.6
GE 200	84.5	85.0	87.8	88.7	91.5	91.5	93.4	95.3	95.3	95.8	96.2	96.7	96.7	96.7	97.7	98.6
GE 100	85.0	85.9	88.7	89.7	92.5	92.5	94.8	96.7	96.7	97.2	97.7	98.1	98.1	98.1	99.1	100.0
GE 000	85.0	85.9	88.7	89.7	92.5	92.5	94.8	96.7	96.7	97.2	97.7	98.1	98.1	98.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 213

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.3	60.7	62.3	62.7	63.7	63.7	64.0	64.0	64.0	64.3	64.3	64.3	64.7	64.7	64.7	64.7
GE 20000	59.7	61.0	62.7	63.0	64.0	64.0	64.3	64.3	64.3	64.7	64.7	64.7	65.0	65.0	65.0	65.0
GE 18000	60.7	62.0	63.7	64.0	65.0	65.0	65.3	65.3	65.3	66.0	66.0	66.0	66.3	66.3	66.3	66.3
GE 16000	60.7	62.0	63.7	64.0	65.0	65.0	65.3	65.3	65.3	66.0	66.0	66.0	66.3	66.3	66.3	66.3
GE 14000	62.3	63.7	65.3	65.7	66.7	66.7	67.0	67.0	67.0	67.7	67.7	67.7	68.0	68.0	68.0	68.0
GE 12000	62.7	64.0	65.7	66.0	67.0	67.0	67.3	67.3	67.3	68.0	68.0	68.0	68.3	68.3	68.3	68.3
GE 10000	64.7	66.0	67.7	68.0	69.0	69.0	69.3	69.3	69.3	70.0	70.0	70.0	70.3	70.3	70.3	70.3
GE 9000	65.7	67.0	68.7	69.0	70.0	70.0	70.3	70.3	70.3	71.0	71.0	71.0	71.3	71.3	71.3	71.3
GE 8000	68.7	70.0	71.7	72.0	73.0	73.0	73.3	73.3	73.3	74.0	74.0	74.0	74.3	74.3	74.3	74.3
GE 7000	71.7	73.0	74.7	75.0	76.0	76.0	76.3	76.3	76.3	77.0	77.0	77.0	77.3	77.3	77.3	77.3
GE 6000	74.3	75.7	77.3	77.7	78.7	78.7	79.0	79.0	79.0	79.7	79.7	79.7	80.0	80.0	80.0	80.0
GE 5000	77.7	79.0	81.0	81.3	82.3	82.3	82.7	82.7	82.7	83.3	83.3	83.3	83.7	83.7	83.7	83.7
GE 4500	79.0	80.3	82.3	82.7	84.0	84.0	84.3	84.3	84.3	85.0	85.0	85.0	85.3	85.3	85.3	85.3
GE 4000	83.0	84.3	87.0	87.3	89.0	89.0	89.3	89.3	89.3	90.0	90.0	90.0	90.3	90.3	90.3	90.3
GE 3500	83.0	84.3	87.0	87.7	89.3	89.3	89.7	89.7	89.7	90.3	90.3	90.3	90.7	90.7	90.7	90.7
GE 3000	87.3	88.7	91.3	92.0	93.7	94.0	94.3	94.3	94.3	95.0	95.0	95.0	95.3	95.3	95.3	95.3
GE 2500	87.7	89.0	92.0	92.7	94.3	94.7	95.0	95.0	95.0	95.7	95.7	95.7	96.0	96.0	96.0	96.0
GE 2000	88.0	89.3	92.3	93.0	94.7	95.0	95.3	95.3	95.3	96.0	96.0	96.0	96.3	96.3	96.3	96.3
GE 1800	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	97.0	97.0	97.0	97.3	97.3	97.3	97.3
GE 1500	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3
GE 1200	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	97.7	98.0	98.0	98.3	98.3	98.3	98.3
GE 1000	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.0	99.7	99.7
GE 900	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 800	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 700	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 600	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 500	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 400	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 300	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 200	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 100	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0
GE 000	88.0	89.3	92.3	93.0	95.0	95.3	96.0	96.3	96.3	98.0	98.3	98.7	99.0	99.3	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 300

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.0	64.3	66.3	67.1	69.0	69.0	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 20000	62.0	64.3	66.3	67.1	69.0	69.0	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 18000	62.0	64.3	66.3	67.1	69.0	69.0	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 16000	62.0	64.3	66.3	67.1	69.0	69.0	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 14000	62.0	64.3	66.3	67.1	69.0	69.0	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	62.0	64.3	66.3	67.1	69.0	69.0	70.6	70.6	70.6	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 10000	62.4	64.7	66.7	67.5	69.4	69.4	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 9000	63.5	65.9	67.8	68.6	70.6	70.6	72.2	72.2	72.2	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 8000	64.3	66.7	68.6	69.4	71.4	71.4	72.9	72.9	72.9	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 7000	66.7	69.0	71.0	71.8	73.7	73.7	75.3	75.3	75.3	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	70.6	72.9	74.9	75.7	77.6	77.6	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	75.7	78.0	80.0	81.2	83.1	83.1	84.7	84.7	84.7	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 4500	76.9	79.2	81.2	82.4	84.3	84.3	85.9	85.9	85.9	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 4000	80.8	83.1	85.1	86.3	88.2	88.2	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3500	80.8	83.1	85.1	86.3	88.2	88.2	89.8	89.8	89.8	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 3000	84.7	87.1	89.0	90.2	92.2	92.2	94.1	94.1	94.1	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	84.7	87.1	89.0	90.2	92.2	92.2	94.5	94.5	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 2000	86.3	88.6	90.6	91.8	93.7	93.7	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	86.3	88.6	90.6	91.8	93.7	93.7	96.5	96.5	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	86.3	88.6	90.6	91.8	93.7	93.7	96.9	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	87.1	89.4	91.4	92.5	94.5	94.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	87.1	89.4	91.4	92.5	94.5	94.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.4	98.4
GE 900	87.1	89.4	91.4	92.5	94.5	94.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.8	99.2	99.2
GE 800	87.1	89.4	91.4	92.5	94.5	94.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.8	99.2	99.2
GE 700	87.1	89.4	91.4	92.5	94.5	94.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.8	99.6	99.6
GE 600	87.1	89.4	91.4	92.5	94.5	94.5	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.8	99.6	99.6
GE 500	87.1	89.4	91.4	92.5	94.5	94.5	97.6	98.0	98.0	98.4	98.4	98.4	98.4	99.2	100.0	100.0
GE 400	87.1	89.4	91.4	92.5	94.5	94.5	97.6	98.0	98.0	98.4	98.4	98.4	98.4	99.2	100.0	100.0
GE 300	87.1	89.4	91.4	92.5	94.5	94.5	97.6	98.0	98.0	98.4	98.4	98.4	98.4	99.2	100.0	100.0
GE 200	87.1	89.4	91.4	92.5	94.5	94.5	97.6	98.0	98.0	98.4	98.4	98.4	98.4	99.2	100.0	100.0
GE 100	87.1	89.4	91.4	92.5	94.5	94.5	97.6	98.0	98.0	98.4	98.4	98.4	98.4	99.2	100.0	100.0
GE 000	87.1	89.4	91.4	92.5	94.5	94.5	97.6	98.0	98.0	98.4	98.4	98.4	98.4	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 255

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.8	69.9	71.0	71.5	74.6	74.6	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.2	77.2	77.2
GE 20000	66.8	69.9	71.0	71.5	74.6	74.6	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.2	77.2	77.2
GE 18000	66.8	69.9	71.0	71.5	74.6	74.6	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.2	77.2	77.2
GE 16000	66.8	69.9	71.0	71.5	74.6	74.6	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.2	77.2	77.2
GE 14000	66.8	69.9	71.0	71.5	74.6	74.6	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.2	77.2	77.2
GE 12000	66.8	69.9	71.0	71.5	74.6	74.6	76.7	76.7	76.7	76.7	76.7	76.7	77.2	77.2	77.2	77.2
GE 10000	67.4	70.5	71.5	72.0	75.1	75.1	77.2	77.2	77.2	77.2	77.2	77.2	77.7	77.7	77.7	77.7
GE 9000	67.9	71.0	72.0	72.5	75.6	75.6	77.7	77.7	77.7	77.7	77.7	77.7	78.2	78.2	78.2	78.2
GE 8000	68.9	72.0	73.1	73.6	76.7	76.7	78.8	78.8	78.8	78.8	78.8	78.8	79.3	79.3	79.3	79.3
GE 7000	72.5	75.6	76.7	77.2	80.3	80.3	82.4	82.4	82.4	82.4	82.4	82.4	82.9	82.9	82.9	82.9
GE 6000	73.6	76.7	77.7	78.2	81.3	81.3	83.4	83.4	83.4	83.4	83.4	83.4	83.9	83.9	83.9	83.9
GE 5000	74.6	78.2	79.3	79.8	82.9	82.9	85.0	85.0	85.0	85.0	85.0	85.0	85.5	85.5	85.5	85.5
GE 4500	75.1	78.8	79.8	80.3	83.4	83.4	85.5	85.5	85.5	85.5	85.5	85.5	86.0	86.0	86.0	86.0
GE 4000	77.7	81.3	82.4	82.9	86.0	86.0	88.1	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.6	88.6
GE 3500	77.7	81.3	82.4	82.9	86.0	86.0	88.1	88.1	88.1	88.1	88.1	88.1	88.6	88.6	88.6	88.6
GE 3000	82.4	86.5	88.1	88.6	92.2	92.2	94.3	94.3	94.3	94.3	94.3	94.3	94.8	94.8	94.8	94.8
GE 2500	82.9	87.0	88.6	89.1	92.7	92.7	95.3	95.3	95.3	95.3	95.3	95.3	95.9	95.9	95.9	95.9
GE 2000	83.4	87.6	89.6	90.2	93.8	93.8	96.4	96.9	97.4	97.9	97.9	97.9	98.4	98.4	98.4	98.4
GE 1800	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	99.0	99.0
GE 1500	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	99.0	99.0
GE 1200	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	99.0	99.0
GE 1000	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	99.5	99.5
GE 900	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 800	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 700	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 600	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 500	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 400	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 300	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 200	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 100	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0
GE 000	83.9	88.1	90.2	90.7	94.3	94.3	96.9	97.4	97.9	98.4	98.4	98.4	99.0	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 193

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.6	61.2	63.0	63.8	65.9	65.9	67.4	67.5	67.5	68.4	68.6	68.7	69.0	69.1	69.3	70.1
GE 20000	59.7	61.3	63.1	63.9	66.0	66.0	67.5	67.6	67.6	68.5	68.7	68.8	69.2	69.2	69.5	70.2
GE 18000	60.0	61.6	63.4	64.2	66.3	66.3	67.8	67.9	67.9	68.9	69.1	69.2	69.5	69.6	69.8	70.6
GE 16000	60.0	61.6	63.4	64.2	66.3	66.3	67.8	67.9	67.9	68.9	69.1	69.2	69.5	69.6	69.8	70.6
GE 14000	60.7	62.3	64.1	64.8	67.0	67.0	68.5	68.6	68.6	69.5	69.8	69.8	70.2	70.2	70.5	71.2
GE 12000	61.3	62.9	64.7	65.5	67.6	67.6	69.1	69.2	69.2	70.1	70.4	70.4	70.8	70.9	71.1	71.8
GE 10000	62.4	63.9	65.7	66.5	68.6	68.6	70.1	70.2	70.2	71.2	71.4	71.5	71.8	71.9	72.1	72.9
GE 9000	63.0	64.5	66.3	67.2	69.3	69.3	70.8	70.9	70.9	71.8	72.1	72.1	72.5	72.6	72.8	73.5
GE 8000	64.3	65.9	67.6	68.5	70.7	70.7	72.2	72.3	72.3	73.2	73.5	73.5	73.9	74.0	74.2	74.9
GE 7000	67.0	68.5	70.3	71.2	73.3	73.3	74.9	75.0	75.0	76.0	76.2	76.3	76.6	76.7	76.9	77.7
GE 6000	69.0	70.6	72.4	73.2	75.4	75.4	77.0	77.2	77.2	78.1	78.3	78.4	78.7	78.8	79.1	79.8
GE 5000	72.0	73.7	75.5	76.4	78.7	78.7	80.3	80.4	80.4	81.4	81.6	81.7	82.0	82.1	82.3	83.1
GE 4500	72.9	74.6	76.4	77.4	79.7	79.7	81.2	81.4	81.4	82.3	82.6	82.6	83.0	83.1	83.3	84.0
GE 4000	76.4	78.2	80.1	81.1	83.4	83.4	85.0	85.2	85.2	86.2	86.4	86.5	86.8	86.9	87.1	87.9
GE 3500	76.7	78.4	80.4	81.4	83.8	83.8	85.4	85.6	85.6	86.6	86.8	86.9	87.2	87.3	87.6	88.3
GE 3000	81.7	83.5	85.7	86.6	89.4	89.4	91.1	91.3	91.3	92.3	92.5	92.6	93.0	93.0	93.3	94.0
GE 2500	82.5	84.3	86.5	87.4	90.3	90.4	92.2	92.5	92.5	93.5	93.7	93.8	94.2	94.2	94.5	95.2
GE 2000	83.2	85.1	87.4	88.3	91.3	91.4	93.3	93.7	93.7	94.8	95.0	95.1	95.4	95.5	95.7	96.5
GE 1800	83.4	85.2	87.6	88.6	91.6	91.7	93.6	94.2	94.2	95.4	95.7	95.8	96.2	96.2	96.5	97.2
GE 1500	83.4	85.2	87.7	88.6	91.7	91.7	93.7	94.4	94.4	95.8	96.4	96.5	96.8	96.9	97.1	97.9
GE 1200	83.6	85.4	87.9	88.9	92.0	92.0	94.1	94.7	94.8	96.2	96.8	96.8	97.2	97.3	97.5	98.2
GE 1000	83.7	85.5	88.0	89.1	92.1	92.2	94.3	94.9	95.0	96.4	97.1	97.2	97.6	97.7	98.3	99.0
GE 900	83.7	85.5	88.0	89.1	92.1	92.2	94.3	94.9	95.0	96.4	97.1	97.3	97.8	98.1	98.7	99.5
GE 800	83.7	85.5	88.0	89.1	92.1	92.2	94.3	94.9	95.0	96.4	97.1	97.3	97.9	98.2	98.8	99.6
GE 700	83.7	85.5	88.0	89.1	92.1	92.2	94.3	94.9	95.0	96.4	97.1	97.3	97.9	98.2	98.9	99.6
GE 600	83.8	85.6	88.1	89.1	92.2	92.2	94.4	95.0	95.0	96.5	97.2	97.4	98.0	98.2	99.0	99.7
GE 500	83.8	85.6	88.1	89.1	92.2	92.2	94.4	95.0	95.1	96.5	97.3	97.4	98.1	98.3	99.0	99.8
GE 400	83.8	85.7	88.2	89.2	92.2	92.3	94.4	95.1	95.1	96.6	97.3	97.5	98.1	98.4	99.1	99.8
GE 300	83.8	85.7	88.2	89.2	92.2	92.3	94.4	95.1	95.1	96.6	97.3	97.5	98.1	98.4	99.1	99.8
GE 200	83.8	85.7	88.2	89.2	92.2	92.3	94.4	95.1	95.1	96.6	97.3	97.5	98.1	98.4	99.1	99.8
GE 100	83.9	85.8	88.3	89.3	92.3	92.4	94.6	95.3	95.3	96.8	97.5	97.7	98.3	98.5	99.3	100.0
GE 000	83.9	85.8	88.3	89.3	92.3	92.4	94.6	95.3	95.3	96.8	97.5	97.7	98.3	98.5	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1647

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 20000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 18000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 16000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 14000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 12000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 9000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 8000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 7000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 6000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 5000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4500	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	88.9	88.9	90.3	92.4	95.8	95.8	97.9	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.9	88.9	90.3	93.1	96.5	96.5	98.6	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 144

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 20000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 18000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 16000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 14000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 12000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 10000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 9000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 8000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 7000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 6000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 5000	93.8	94.6	94.6	95.3	97.7	97.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 4500	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.6	95.3	95.3	96.1	98.4	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 129

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	71.3	71.3	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1
GE 20000	71.3	71.3	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1
GE 18000	71.3	71.3	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1
GE 16000	71.3	71.3	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1
GE 14000	71.3	71.3	72.5	73.0	73.3	73.3	73.3	73.3	73.3	73.3	73.6	73.8	73.8	74.1	74.1	74.1	74.1
GE 12000	72.2	72.2	73.3	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.4	74.7	74.7	74.9	74.9	74.9	74.9
GE 10000	73.0	73.0	74.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	75.2	75.5	75.5	75.8	75.8	75.8	75.8
GE 9000	73.0	73.0	74.1	74.7	74.9	74.9	74.9	74.9	74.9	74.9	75.2	75.5	75.5	75.8	75.8	75.8	75.8
GE 8000	73.0	73.0	74.1	74.7	74.9	74.9	74.9	75.2	75.2	75.5	75.8	75.8	76.0	76.0	76.0	76.0	76.0
GE 7000	73.6	73.6	74.7	75.2	75.5	75.5	75.5	75.8	75.8	76.0	76.3	76.3	76.6	76.6	76.6	76.6	76.6
GE 6000	77.4	77.4	78.5	79.1	79.3	79.3	79.3	79.6	79.6	79.9	80.2	80.2	80.4	80.4	80.4	80.4	80.4
GE 5000	81.0	81.0	82.1	82.6	82.9	82.9	82.9	83.2	83.2	83.5	83.7	83.7	84.0	84.0	84.0	84.0	84.0
GE 4500	81.5	81.5	82.6	83.2	83.5	83.5	83.5	83.7	83.7	84.0	84.3	84.3	84.6	84.6	84.6	84.6	84.6
GE 4000	85.4	85.4	86.5	87.1	87.3	87.3	87.3	87.6	87.6	87.9	88.2	88.2	88.4	88.4	88.4	88.4	88.4
GE 3500	86.8	86.8	88.2	88.7	89.3	89.3	89.3	89.5	89.5	90.1	90.4	90.4	90.6	90.6	90.6	90.6	90.6
GE 3000	89.8	89.8	91.2	91.7	92.6	92.6	93.1	93.4	93.4	94.2	94.5	94.5	94.8	94.8	94.8	94.8	94.8
GE 2500	90.6	90.6	92.0	2.6	93.4	93.4	93.9	94.8	94.8	95.9	96.1	96.1	96.4	96.4	96.4	96.4	96.4
GE 2000	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 1800	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 1500	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 1200	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4
GE 1000	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 900	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 800	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 700	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 600	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 500	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 400	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 300	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 200	92.0	92.0	93.4	94.2	95.6	95.6	96.1	97.2	97.2	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7
GE 100	92.3	92.3	93.7	94.5	95.9	95.9	96.4	97.5	97.5	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	92.3	92.3	93.7	94.5	95.9	95.9	96.4	97.5	97.5	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 363

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	75.5	75.8	76.0	76.7	77.6	77.6	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 20000	75.8	76.0	76.2	76.9	77.8	77.8	78.3	78.3	78.3	78.8	78.8	78.8	78.8	78.8	78.8	78.8
GE 18000	76.7	76.9	77.1	77.8	78.8	78.8	79.2	79.2	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 16000	76.9	77.1	77.4	78.1	79.0	79.0	79.4	79.4	79.4	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 14000	77.6	77.8	78.1	78.8	79.7	79.7	80.1	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 12000	78.3	78.5	78.8	79.4	80.4	80.4	80.8	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 10000	79.4	79.7	79.9	80.6	81.5	81.5	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	79.4	79.7	79.9	80.6	81.5	81.5	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 8000	80.8	81.1	81.3	82.0	82.9	82.9	83.4	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 7000	83.4	83.6	83.8	84.5	85.5	85.5	85.9	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 6000	85.5	85.9	86.1	86.8	87.8	87.8	88.5	88.7	88.7	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 5000	88.0	88.5	88.7	89.4	90.3	90.3	91.2	91.5	91.5	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 4500	88.7	89.1	89.4	90.1	91.0	91.0	91.9	92.1	92.1	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 4000	90.3	90.8	91.0	91.7	92.8	92.8	93.8	94.2	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	90.8	91.2	91.9	92.6	93.8	93.8	95.2	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 3000	91.5	91.9	92.6	93.3	94.5	94.5	95.8	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	91.7	92.4	93.1	93.8	95.2	95.2	96.5	97.0	97.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2000	92.6	93.3	94.2	94.9	96.8	96.8	98.2	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	92.6	93.3	94.2	94.9	96.8	96.8	98.2	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1200	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.6	93.3	94.2	95.2	97.0	97.0	98.4	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 433

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	84.9	85.2	85.5	85.8	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 20000	84.9	85.2	85.5	85.8	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 18000	84.9	85.2	85.5	85.8	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 16000	84.9	85.2	85.5	85.8	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 14000	84.9	85.2	85.5	85.8	86.1	86.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 12000	85.2	85.5	85.8	86.1	86.4	86.4	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 10000	86.1	86.4	86.6	86.9	87.2	87.2	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE 9000	86.4	86.6	86.9	87.2	87.5	87.5	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 8000	87.5	87.8	88.1	88.4	88.7	88.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 7000	88.4	88.7	89.0	89.3	89.6	89.6	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 6000	89.9	90.2	90.5	90.8	91.1	91.1	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 5000	91.7	92.0	92.3	92.6	92.9	92.9	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 4500	92.6	92.9	93.2	93.5	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 4000	93.2	93.5	94.4	94.7	95.0	95.0	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	93.2	93.5	94.4	94.7	95.0	95.0	95.5	95.5	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3000	94.1	94.4	95.3	95.5	95.8	95.8	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	94.1	94.4	95.5	96.1	96.7	96.7	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	95.3	95.5	96.7	97.3	98.2	98.2	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1500	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.3	95.5	96.7	97.3	98.2	98.2	98.8	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 337

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	82.0	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 20000	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 18000	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 16000	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 14000	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 12000	83.3	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 10000	84.4	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
GE 9000	85.0	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 8000	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 7000	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 6000	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 5000	92.2	92.4	92.4	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 4500	93.3	93.5	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 4000	93.7	93.9	94.1	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 3500	94.1	94.4	95.2	95.4	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 3000	95.7	95.9	97.0	97.2	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 2500	95.7	95.9	97.2	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 2000	96.5	96.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.9	99.1	99.1	99.1	99.1	99.1
GE 1800	96.5	96.7	98.0	98.3	98.5	98.5	98.5	98.5	98.5	98.5	99.3	99.6	99.6	99.6	99.6	99.6
GE 1500	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8
GE 1200	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8
GE 1000	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8
GE 900	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8
GE 800	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	99.8	99.8	99.8	99.8	99.8
GE 700	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 600	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 500	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 400	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 300	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 200	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	96.5	96.7	98.0	98.3	98.5	98.5	98.7	98.7	98.7	98.7	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 461

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	77.7	77.7	77.9	78.2	79.7	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 20000	77.7	77.7	77.9	78.2	79.7	79.7	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 18000	77.9	77.9	78.2	78.4	80.0	80.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 16000	77.9	77.9	78.2	78.4	80.0	80.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 14000	77.9	77.9	78.2	78.4	80.0	80.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 12000	78.7	78.7	79.0	79.2	80.8	80.8	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 10000	80.3	80.3	80.5	80.8	82.3	82.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 9000	80.8	80.8	81.0	81.3	82.9	82.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 8000	81.6	81.6	81.8	82.1	83.6	83.6	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
GE 7000	82.3	82.3	82.6	82.9	84.4	84.4	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 6000	85.7	85.7	86.0	86.2	87.8	87.8	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 5000	89.6	89.6	89.9	90.1	91.7	91.7	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 4500	90.6	90.6	90.9	91.2	92.7	92.7	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 4000	91.4	91.4	91.7	91.9	93.5	93.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 3500	91.4	91.4	91.9	92.2	93.8	93.8	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 3000	92.5	92.5	93.2	93.5	95.1	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2500	92.5	92.5	93.2	93.5	95.1	95.1	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 2000	94.0	94.0	94.8	95.1	96.6	96.6	98.4	98.7	98.7	98.7	99.0	99.2	99.2	99.2	99.2	99.2
GE 1800	94.0	94.0	94.8	95.1	96.6	96.6	98.4	98.7	98.7	98.7	99.2	99.5	99.5	99.5	99.5	99.5
GE 1500	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 1200	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 1000	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 900	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 800	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 700	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 600	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 500	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 400	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 300	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 200	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 100	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0
GE 000	94.0	94.0	95.1	95.3	97.1	97.1	99.0	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 385

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	81.0	83.2	83.9	84.9	84.9	84.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 20000	81.0	83.2	83.9	84.9	84.9	84.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 18000	81.0	83.2	83.9	84.9	84.9	84.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 16000	81.0	83.2	83.9	84.9	84.9	84.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 14000	81.0	83.2	83.9	84.9	84.9	84.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 12000	81.0	83.2	83.9	84.9	84.9	84.9	87.1	87.1	87.1	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 10000	82.8	84.9	85.7	86.7	86.7	86.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 9000	83.2	85.3	86.0	87.1	87.1	87.1	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 8000	83.2	85.3	86.0	87.1	87.1	87.1	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 7000	84.2	86.4	87.1	88.2	88.2	88.2	90.3	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 6000	86.0	88.2	88.9	90.0	90.0	90.0	92.1	92.1	92.1	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 5000	88.5	90.7	91.4	92.5	92.5	92.5	94.6	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 4500	89.2	91.4	92.1	93.2	93.2	93.2	95.3	95.3	95.3	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 4000	89.6	91.8	92.8	93.9	93.9	93.9	96.1	96.1	96.1	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 3500	90.0	92.1	93.2	94.3	94.3	94.3	96.4	96.4	96.4	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 3000	90.3	92.8	93.9	95.0	95.0	95.0	97.1	97.1	97.1	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 2500	90.3	92.8	93.9	95.0	95.3	95.3	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 1800	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	94.3	95.3	96.4	96.8	96.8	98.9	99.3	99.3	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 279

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NC CEIL	80.0	80.4	80.8	81.4	82.1	82.1	83.0	83.0	83.0	83.2	83.2	83.2	83.3	83.3	83.3	83.3
GE 20000	80.1	80.5	80.9	81.5	82.3	82.3	83.1	83.1	83.1	83.3	83.4	83.4	83.4	83.4	83.4	83.4
GE 18000	80.3	80.7	81.2	81.7	82.5	82.5	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 16000	80.4	80.8	81.2	81.7	82.5	82.5	83.4	83.4	83.4	83.6	83.6	83.6	83.7	83.7	83.7	83.7
GE 14000	80.6	81.0	81.4	82.0	82.8	82.8	83.6	83.6	83.6	83.8	83.9	83.9	83.9	83.9	83.9	83.9
GE 12000	81.0	81.4	81.8	82.4	83.2	83.2	84.0	84.0	84.0	84.2	84.3	84.3	84.3	84.3	84.3	84.3
GE 10000	82.1	82.5	82.9	83.4	84.2	84.2	85.1	85.1	85.1	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 9000	82.3	82.7	83.2	83.7	84.5	84.5	85.3	85.3	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7
GE 8000	83.2	83.6	84.0	84.6	85.4	85.4	86.2	86.3	86.3	86.5	86.6	86.6	86.6	86.6	86.6	86.6
GE 7000	84.3	84.7	85.1	85.7	86.5	86.5	87.3	87.4	87.4	87.6	87.7	87.7	87.7	87.7	87.7	87.7
GE 6000	86.5	86.9	87.4	87.9	88.7	88.7	89.6	89.6	89.6	89.9	89.9	89.9	90.0	90.0	90.0	90.0
GE 5000	88.9	89.3	89.8	90.4	91.2	91.2	92.1	92.2	92.2	92.4	92.5	92.5	92.5	92.5	92.5	92.5
GE 4500	89.7	90.1	90.6	91.2	92.0	92.0	92.9	93.0	93.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 4000	90.8	91.3	91.9	92.5	93.3	93.3	94.2	94.4	94.4	94.6	94.7	94.7	94.7	94.7	94.7	94.7
GE 3500	91.2	91.7	92.5	93.1	94.0	94.0	95.0	95.1	95.1	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 3000	92.4	92.8	93.8	94.4	95.3	95.3	96.4	96.5	96.5	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 2500	92.5	93.0	94.1	94.7	95.8	95.8	96.9	97.1	97.1	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 2000	93.6	94.1	95.2	95.9	97.2	97.2	98.3	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	93.6	94.1	95.2	95.9	97.2	97.2	98.3	98.7	98.7	99.4	99.6	99.6	99.6	99.6	99.6	99.6
GE 1500	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.8	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8
GE 1200	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.8	98.8	99.5	99.7	99.8	99.8	99.8	99.8	99.8
GE 1000	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 900	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 800	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.8	99.9	99.9	99.9	99.9	99.9
GE 700	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	93.6	94.1	95.2	96.0	97.3	97.3	98.4	98.9	98.9	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	93.6	94.2	95.3	96.0	97.3	97.3	98.5	98.9	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	93.6	94.2	95.3	96.0	97.3	97.3	98.5	98.9	98.9	99.7	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2531

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.3	91.2	92.7	94.9	96.4	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 137

OPERATING LOCATION "A"
 USAFETA^C, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	93.0	95.1	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 20000	93.0	95.1	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 18000	93.0	95.1	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 16000	93.0	95.1	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 14000	93.0	95.1	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 12000	93.0	95.1	95.8	96.5	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 10000	93.7	95.8	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 9000	93.7	95.8	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 8000	93.7	95.8	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 7000	93.7	95.8	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 6000	93.7	95.8	96.5	97.2	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 5000	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4500	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4000	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 1200	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 1000	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 900	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 800	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 700	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 600	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 500	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 400	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 300	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 200	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 100	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0
GE 000	94.4	96.5	97.2	97.9	98.6	98.6	99.3	99.3	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 143

OPERATING LOCATION "A"
USAFETA, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.1	63.3	63.7	64.2	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 20000	63.1	63.3	63.7	64.2	64.6	64.6	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8	64.8
GE 18000	63.7	63.9	64.4	64.8	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 16000	63.7	63.9	64.4	64.8	65.3	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 14000	64.8	65.0	65.5	65.9	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	65.7	65.9	66.4	66.8	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	68.4	68.6	69.0	69.5	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	69.2	69.5	69.9	70.4	70.8	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 8000	70.1	70.4	70.8	71.2	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 7000	71.5	71.7	72.1	72.6	73.0	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	76.1	76.3	76.8	77.2	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 5000	81.4	81.6	82.1	82.5	83.4	83.4	83.6	83.6	83.6	83.8	83.8	83.8	84.1	84.1	84.1	84.1
GE 4500	81.9	82.1	82.5	83.0	83.8	83.8	84.1	84.1	84.1	84.3	84.3	84.3	84.5	84.5	84.5	84.5
GE 4000	87.6	87.8	88.3	88.7	89.6	89.6	90.0	90.0	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7
GE 3500	87.6	87.6	88.3	88.7	89.6	89.6	90.0	90.0	90.3	90.5	90.5	90.5	90.7	90.7	90.7	90.7
GE 3000	91.2	91.4	91.8	92.3	93.4	93.4	93.8	93.8	94.0	94.2	94.2	94.2	94.5	94.5	94.5	94.5
GE 2500	91.4	91.6	92.0	92.5	94.2	94.2	94.7	95.6	95.8	96.0	96.0	96.0	96.2	96.2	96.2	96.2
GE 2000	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	98.7	98.7	98.9	98.9	98.9	98.9
GE 1800	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	98.7	98.7	98.9	98.9	98.9	98.9
GE 1500	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	98.9	98.9	99.3	99.3	99.3	99.3
GE 1200	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	98.9	98.9	99.3	99.3	99.3	99.3
GE 1000	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	99.1	99.1	99.6	99.6	99.6	99.6
GE 900	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	99.1	99.1	99.6	99.6	99.6	99.6
GE 800	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	99.1	99.1	99.6	99.6	99.6	99.6
GE 700	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	99.1	99.1	99.6	99.6	99.6	99.6
GE 600	92.9	93.1	93.8	94.2	96.2	96.2	96.9	97.8	98.0	98.5	99.1	99.1	99.6	99.6	99.6	99.6
GE 500	93.4	93.6	94.2	94.7	96.7	96.7	97.3	98.2	98.5	98.9	99.6	99.6	100.0	100.0	100.0	100.0
GE 400	93.4	93.6	94.2	94.7	96.7	96.7	97.3	98.2	98.5	98.9	99.6	99.6	100.0	100.0	100.0	100.0
GE 300	93.4	93.6	94.2	94.7	96.7	96.7	97.3	98.2	98.5	98.9	99.6	99.6	100.0	100.0	100.0	100.0
GE 200	93.4	93.6	94.2	94.7	96.7	96.7	97.3	98.2	98.5	98.9	99.6	99.6	100.0	100.0	100.0	100.0
GE 100	93.4	93.6	94.2	94.7	96.7	96.7	97.3	98.2	98.5	98.9	99.6	99.6	100.0	100.0	100.0	100.0
GE 000	93.4	93.6	94.2	94.7	96.7	96.7	97.3	98.2	98.5	98.9	99.6	99.6	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 452

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	76.5	76.8	77.4	77.4	78.0	78.0	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 20000	76.8	77.1	77.7	77.7	78.3	78.3	78.9	78.9	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 18000	77.7	78.0	78.6	78.6	79.3	79.3	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 16000	77.7	78.0	78.6	78.6	79.3	79.3	79.9	79.9	79.9	80.2	80.2	80.2	80.2	80.2	80.2	80.2
GE 14000	78.6	78.9	79.6	79.6	80.2	80.2	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 12000	78.6	78.9	79.6	79.6	80.2	80.2	80.8	80.8	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 10000	79.9	80.2	80.8	80.8	81.4	81.4	82.0	82.0	82.0	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 9000	80.5	80.8	81.4	81.4	82.0	82.0	82.7	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 8000	82.0	82.7	83.3	83.3	83.9	83.9	84.5	84.5	84.5	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 7000	83.9	84.5	85.1	85.1	85.8	85.8	86.4	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 6000	86.4	87.0	87.6	87.6	88.2	88.2	88.9	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 5000	88.5	89.2	90.1	90.1	90.7	91.0	91.6	91.6	91.6	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 4500	88.9	89.5	90.4	90.4	91.0	91.3	92.0	92.0	92.0	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 4000	91.3	92.0	93.2	93.5	94.1	94.4	95.0	95.0	95.0	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 3500	92.0	92.6	93.8	94.1	94.7	95.0	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3000	93.2	93.8	95.4	95.7	96.6	96.9	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2500	93.2	93.8	95.4	95.7	96.6	96.9	97.8	97.8	97.8	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 2000	93.5	94.1	95.7	96.0	96.9	97.2	98.5	98.5	98.5	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	93.5	94.1	95.7	96.0	96.9	97.2	98.5	98.5	98.5	99.1	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	93.5	94.1	95.7	96.0	96.9	97.2	98.5	98.5	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	93.5	94.1	95.7	96.0	96.9	97.2	98.5	98.5	98.5	99.4	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.5	94.1	95.7	96.0	97.2	97.5	98.8	98.8	98.8	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 323

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	70.5	70.8	70.8	71.3	71.6	71.6	71.8	71.8	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 20000	71.0	71.3	71.3	71.8	72.1	72.1	72.4	72.4	72.4	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 18000	71.6	71.8	71.8	72.4	72.7	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 16000	71.6	71.8	71.8	72.4	72.7	72.7	72.9	72.9	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 14000	73.2	73.5	73.5	74.0	74.3	74.3	74.5	74.5	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 12000	73.7	74.0	74.0	74.5	74.8	74.8	75.1	75.1	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 10000	77.7	78.0	78.0	78.6	78.8	78.8	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 9000	78.0	78.3	78.3	78.8	79.1	79.1	79.4	79.4	79.4	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 8000	80.2	80.4	80.4	81.0	81.2	81.2	81.5	81.5	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 7000	82.0	82.3	82.3	82.8	83.1	83.1	83.4	83.4	83.4	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 6000	85.0	85.3	85.3	85.8	86.1	86.1	86.3	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 5000	88.5	88.7	88.7	89.3	89.5	89.5	89.8	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 4500	88.5	88.7	88.7	89.3	89.8	89.8	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 4000	93.8	94.1	94.4	94.9	95.4	95.4	95.7	95.7	95.7	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 3500	94.1	94.4	94.6	95.2	95.7	95.7	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	96.0	96.2	96.5	97.1	97.6	97.6	97.9	97.9	97.9	81.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	96.2	96.5	96.8	97.3	97.9	97.9	98.1	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 2000	96.8	97.1	97.6	98.1	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1800	96.8	97.1	97.6	98.1	98.7	98.7	98.9	98.9	98.9	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1500	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.8	97.1	97.6	98.4	98.9	98.9	99.2	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 373

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	80.2	80.5	80.7	81.0	81.3	81.3	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 20000	80.7	81.0	81.3	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 18000	80.7	81.0	81.3	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 16000	80.7	81.0	81.3	81.6	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 14000	81.6	81.9	82.2	82.4	82.7	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 12000	81.9	82.2	82.4	82.7	83.0	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 10000	82.7	83.0	83.3	83.6	83.9	83.9	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 9000	83.6	83.9	84.1	84.4	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 8000	85.3	85.6	85.8	86.1	86.4	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 7000	86.7	87.0	87.3	87.5	87.8	87.8	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	88.1	88.4	88.7	89.0	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 5000	90.1	90.7	90.9	91.5	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 4500	90.1	90.7	90.9	91.5	91.8	91.8	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 4000	95.5	96.1	96.3	96.9	97.2	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3500	95.5	96.0	96.3	96.9	97.2	97.2	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 3000	96.0	96.6	96.9	97.5	97.7	97.7	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 2500	96.6	97.2	97.5	98.0	98.3	98.3	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 2000	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 900	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 800	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 700	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 600	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 500	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 400	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 300	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 200	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	96.9	97.5	97.7	98.3	98.6	98.6	99.2	99.4	99.4	99.7	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 353

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.3	73.8	73.8	74.6	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 20000	73.3	73.8	73.8	74.6	74.8	74.8	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 18000	73.3	74.3	74.3	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 16000	73.8	74.3	74.3	75.1	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 14000	74.8	75.3	75.3	76.1	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 12000	75.1	75.6	75.6	76.3	76.6	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
GE 10000	78.1	78.7	78.7	79.4	79.7	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 9000	79.2	79.7	79.7	80.5	80.7	80.7	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 8000	81.0	81.5	81.5	82.3	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 7000	83.0	83.5	83.5	84.3	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 6000	85.1	85.6	85.6	86.4	86.6	86.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 5000	88.9	89.5	89.5	90.2	90.7	90.7	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 4500	89.2	89.7	89.7	90.5	91.0	91.0	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 4000	94.1	94.6	94.6	95.4	96.1	96.1	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.9	96.9	96.9
GE 3500	94.3	94.9	94.9	95.6	96.4	96.4	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2	97.2	97.2
GE 3000	95.6	96.1	96.1	96.9	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.5	98.5	98.5
GE 2500	95.9	96.4	96.4	97.2	97.9	97.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.7	98.7	98.7
GE 2000	96.1	96.7	96.7	97.4	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0
GE 1800	96.1	96.7	96.7	97.4	98.2	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	99.0	99.0	99.0
GE 1500	96.1	96.7	96.7	97.4	98.2	98.2	98.7	98.7	98.7	98.7	99.2	99.2	99.2	99.5	99.5	99.5
GE 1200	96.1	96.7	96.7	97.4	98.2	98.2	98.7	98.7	98.7	98.7	99.5	99.5	99.5	99.7	99.7	99.7
GE 1000	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 900	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 800	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 700	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 600	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 500	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 400	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 300	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 200	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 100	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0
GE 000	96.1	96.7	96.7	97.4	98.2	98.2	99.0	99.0	99.0	99.7	99.7	99.7	99.7	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 389

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	79.2	79.2	80.2	80.2	82.5	82.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 20000	79.2	79.2	80.2	80.2	82.5	82.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 18000	79.2	79.2	80.2	80.2	82.5	82.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 16000	79.2	79.2	80.2	80.2	82.5	82.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 14000	79.2	79.2	80.2	80.2	82.5	82.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 12000	79.2	79.2	80.2	80.2	82.5	82.5	85.4	85.4	85.4	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 10000	79.7	79.7	80.7	80.7	83.0	83.0	85.8	85.8	85.8	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 9000	81.6	81.6	82.5	82.5	84.9	84.9	87.7	87.7	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 8000	83.0	83.0	84.0	84.0	86.3	86.3	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 7000	84.0	84.0	84.9	84.9	87.3	87.3	90.1	90.1	90.1	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 6000	84.9	85.4	86.3	86.3	88.7	88.7	91.5	91.5	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 5000	86.3	86.8	87.7	87.7	90.1	90.1	92.9	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4500	86.3	86.8	87.7	87.7	90.1	90.1	92.9	92.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 4000	88.2	88.7	89.6	89.6	92.0	92.0	95.3	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 3500	88.2	88.7	89.6	89.6	92.0	92.0	95.3	95.3	95.3	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 3000	89.2	89.6	90.6	90.6	92.9	92.9	96.7	96.7	96.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2500	89.6	90.1	91.0	91.0	93.4	93.4	97.6	97.6	97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 2000	89.6	90.1	91.0	91.0	93.4	93.4	97.6	97.6	97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1800	89.6	90.1	91.0	91.0	93.4	93.4	97.6	97.6	97.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1500	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.6	90.1	91.0	91.0	93.4	93.4	97.6	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 212

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	74.9	75.5	75.9	76.4	77.0	77.0	77.7	77.7	77.7	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 20000	75.1	75.7	76.1	76.6	77.2	77.2	78.0	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 18000	75.6	76.1	76.5	77.0	77.7	77.7	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 16000	75.6	76.1	76.5	77.0	77.7	77.7	78.4	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 14000	76.4	77.0	77.4	77.9	78.5	78.5	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 12000	76.8	77.3	77.7	78.3	78.9	78.9	79.6	79.6	79.6	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 10000	78.8	79.3	79.8	80.3	80.9	80.9	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 9000	79.6	80.1	80.5	81.0	81.7	81.7	82.4	82.4	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 8000	80.9	81.5	81.9	82.5	83.1	83.1	83.8	83.8	83.8	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 7000	82.4	83.0	83.4	83.9	84.5	84.5	85.2	85.2	85.2	85.3	85.3	85.3	85.3	85.3	85.3	85.3
GE 6000	84.7	85.3	85.7	86.2	86.9	86.9	87.6	87.6	87.6	87.7	87.7	87.7	87.7	87.7	87.7	87.7
GE 5000	87.6	88.3	88.7	89.3	90.1	90.1	90.9	90.9	90.9	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 4500	87.8	88.5	88.9	89.5	90.3	90.3	91.1	91.1	91.1	91.3	91.3	91.3	91.4	91.4	91.4	91.4
GE 4000	91.8	92.5	93.0	93.6	94.5	94.5	95.4	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 3500	92.0	92.7	93.2	93.8	94.6	94.7	95.6	95.6	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 3000	93.5	94.2	94.8	95.3	96.3	96.3	97.3	97.4	97.4	97.7	97.7	97.7	97.8	97.8	97.8	97.8
GE 2500	93.7	94.4	95.0	95.6	96.6	96.7	97.7	97.9	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 2000	94.2	94.9	95.6	96.2	97.3	97.3	98.4	98.7	98.7	99.1	99.1	99.1	99.2	99.2	99.2	99.2
GE 1800	94.2	94.9	95.6	96.2	97.3	97.3	98.4	98.7	98.7	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 1500	94.2	94.9	95.6	96.2	97.3	97.4	98.5	98.8	98.8	99.4	99.5	99.6	99.7	99.7	99.7	99.7
GE 1200	94.2	94.9	95.6	96.2	97.3	97.4	98.5	98.8	98.8	99.5	99.6	99.6	99.7	99.7	99.7	99.7
GE 1000	94.2	94.9	95.6	96.2	97.4	97.4	98.6	98.9	98.9	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 900	94.2	94.9	95.6	96.2	97.4	97.4	98.6	98.9	98.9	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 800	94.2	94.9	95.6	96.2	97.4	97.4	98.6	98.9	98.9	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 700	94.2	94.9	95.6	96.2	97.4	97.4	98.6	98.9	98.9	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 600	94.2	94.9	95.6	96.2	97.4	97.4	98.6	98.9	98.9	99.5	99.7	99.7	99.9	99.9	99.9	99.9
GE 500	94.3	95.0	95.7	96.3	97.4	97.5	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 400	94.3	95.0	95.7	96.3	97.4	97.5	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	94.3	95.0	95.7	96.3	97.4	97.5	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	94.3	95.0	95.7	96.3	97.4	97.5	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	94.3	95.0	95.7	96.3	97.4	97.5	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	94.3	95.0	95.7	96.3	97.4	97.5	98.7	99.0	99.0	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2382

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 20000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 18000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 16000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 14000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 12000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 10000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 9000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 8000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 7000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 6000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 5000	86.3	88.4	89.7	90.4	96.6	96.6	97.9	97.9	97.9	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 4500	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4000	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	87.0	89.0	90.4	91.1	97.3	97.3	98.6	98.6	98.6	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.0	89.0	90.4	91.8	97.9	97.9	99.3	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 20000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 18000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 16000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 14000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 12000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 10000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 9000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 8000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 7000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 6000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 5000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4500	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 4000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3500	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 3000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2500	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 2000	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	93.0	94.4	95.1	96.5	97.9	97.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.7	95.1	95.8	97.2	98.6	98.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.9	61.1	61.3	61.4	61.8	61.8	62.0	62.0	62.0	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 20000	61.1	61.3	61.4	61.6	62.0	62.0	62.1	62.1	62.1	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	61.6	61.8	62.0	62.1	62.5	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	61.6	61.8	62.0	62.1	62.5	62.5	62.7	62.7	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	62.7	62.8	63.0	63.2	63.5	63.5	63.7	63.7	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 12000	63.9	64.0	64.2	64.4	64.7	64.7	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	65.9	66.1	66.3	66.4	66.8	66.8	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 9000	66.3	66.4	66.6	66.8	67.1	67.1	67.3	67.3	67.3	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 8000	67.6	67.8	68.0	68.2	68.5	68.5	68.7	68.7	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	69.2	69.4	69.5	69.7	70.1	70.1	70.2	70.2	70.2	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 6000	70.4	70.6	70.7	70.9	71.3	71.3	71.4	71.4	71.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 5000	76.8	76.9	77.1	77.3	77.6	77.6	77.8	77.8	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	77.1	77.3	77.5	77.6	78.0	78.0	78.1	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 4000	86.4	86.6	86.7	86.9	87.3	87.3	87.4	87.4	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3500	87.1	87.3	87.4	87.6	88.0	88.0	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	92.8	92.9	93.1	93.3	93.6	93.6	93.8	93.8	93.8	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	93.3	93.5	93.6	93.8	94.1	94.1	94.3	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	95.0	95.2	95.4	95.5	95.9	95.9	96.0	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	95.0	95.2	95.4	95.5	95.9	95.9	96.0	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	95.5	95.7	96.0	96.2	96.6	96.6	97.1	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	95.5	95.7	96.0	96.2	96.6	96.6	97.4	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1000	95.9	96.0	96.4	96.9	97.4	97.4	98.5	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 900	95.9	96.0	96.4	96.9	97.4	97.4	98.5	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	96.0	96.2	96.6	97.2	97.8	97.8	98.8	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	96.0	96.2	96.6	97.2	97.8	97.8	98.8	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	96.0	96.2	96.6	97.2	97.8	97.8	98.8	99.3	99.3	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	96.0	96.2	96.6	97.4	97.9	97.9	99.0	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	96.2	96.4	96.7	97.6	98.1	98.1	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	96.2	96.4	96.7	97.6	98.1	98.1	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	96.2	96.4	96.7	97.6	98.1	98.1	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	96.2	96.4	96.7	97.6	98.1	98.1	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	96.2	96.4	96.7	97.6	98.1	98.1	99.1	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 581

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.5	72.9	72.9	72.9	73.4	73.4	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 20000	71.5	72.9	72.9	72.9	73.4	73.4	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 18000	71.8	73.2	73.2	73.2	73.7	73.7	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 16000	71.8	73.2	73.2	73.2	73.7	73.7	74.2	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 14000	72.9	74.2	74.2	74.2	74.8	74.8	75.3	75.3	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 12000	74.0	75.3	75.3	75.3	75.9	75.9	76.4	76.4	76.4	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 10000	75.3	76.7	76.7	76.7	77.3	77.3	77.8	77.8	77.8	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 9000	75.6	77.0	77.0	77.0	77.5	77.5	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 8000	75.6	77.0	77.0	77.0	77.5	77.5	78.1	78.1	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 7000	76.2	77.5	77.5	77.5	78.1	78.1	78.6	78.6	78.6	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 6000	77.5	78.9	78.9	78.9	79.5	79.5	80.0	80.0	80.0	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 5000	80.0	81.4	81.4	81.4	81.9	81.9	82.5	82.5	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4500	80.0	81.4	81.4	81.4	81.9	81.9	82.5	82.5	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	86.0	87.4	87.4	87.4	87.9	87.9	88.5	88.5	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 3500	86.6	87.9	87.9	87.9	88.5	88.5	89.0	89.0	8.0	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 3000	91.2	92.6	93.4	93.4	94.0	94.0	94.5	94.5	94.5	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2500	92.6	94.0	94.8	94.8	95.3	95.3	95.9	95.9	95.9	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 2000	94.5	95.9	96.7	96.7	97.3	97.3	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	94.5	95.9	96.7	96.7	97.3	97.3	97.8	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	94.8	96.2	97.3	97.3	97.8	97.8	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	94.8	96.2	97.3	97.3	97.8	97.8	98.6	98.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	95.1	96.4	97.5	97.5	98.1	98.1	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	95.1	96.4	97.5	97.5	98.1	98.1	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	95.1	96.4	97.5	97.5	98.1	98.1	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	95.1	96.4	97.5	97.5	98.1	98.1	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	95.1	96.4	97.5	97.5	98.1	98.1	98.9	98.9	98.9	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	95.1	96.4	97.5	97.5	98.4	98.4	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.1	96.4	97.5	97.5	98.4	98.4	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.1	96.4	97.5	97.5	98.4	98.4	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.1	96.4	97.5	97.5	98.4	98.4	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.1	96.4	97.5	97.5	98.4	98.4	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.1	96.4	97.5	97.5	98.4	98.4	99.2	99.2	99.2	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 365

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.4	60.1	60.9	62.6	63.1	63.1	64.1	64.1	64.1	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 20000	59.9	60.6	61.4	63.1	63.6	63.6	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 18000	60.1	60.9	61.6	63.4	63.9	63.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 16000	60.1	60.9	61.6	63.4	63.9	63.9	64.9	64.9	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 14000	61.4	62.1	62.9	64.6	65.1	65.1	66.1	66.1	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12000	62.4	63.1	63.9	65.6	66.1	66.1	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	63.4	64.1	64.9	66.6	67.1	67.1	68.1	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 9000	63.6	64.4	65.1	66.8	67.3	67.3	68.3	68.3	68.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	64.4	65.1	65.8	67.6	68.1	68.1	69.1	69.1	69.1	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 7000	66.3	67.1	67.8	69.6	70.0	70.0	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	70.8	71.5	72.3	74.0	74.5	74.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 5000	76.7	77.5	78.2	80.0	80.4	80.4	81.4	81.4	81.4	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4500	77.2	78.0	78.7	80.4	80.9	80.9	81.9	81.9	81.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4000	83.4	84.2	84.9	86.6	87.1	87.1	88.1	88.1	88.1	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	83.9	84.7	85.4	87.1	87.6	87.6	88.6	88.6	88.6	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	86.9	87.6	88.6	90.3	90.8	90.8	91.8	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2500	89.4	90.1	91.1	92.8	93.3	93.3	94.3	94.3	94.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2000	91.6	92.3	93.6	95.3	95.8	95.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	91.6	92.3	93.6	95.3	95.8	95.8	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	92.6	93.3	94.8	96.5	97.0	97.0	98.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	92.6	93.3	94.8	96.5	97.0	97.0	98.0	98.3	98.3	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	93.1	93.8	95.3	97.0	97.5	97.5	98.5	98.8	98.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	93.3	94.1	95.5	97.3	97.8	97.8	98.8	99.0	99.0	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	93.3	94.1	95.5	97.3	97.8	97.8	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.3	94.1	95.5	97.3	97.8	97.8	99.0	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 404

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	G 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.3	60.8	61.6	61.9	63.7	63.7	66.8	66.8	66.8	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 20000	60.8	61.3	62.1	62.4	64.2	64.2	67.3	67.3	67.3	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 18000	61.3	61.9	62.6	62.9	64.7	64.7	67.8	67.8	67.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 16000	61.3	61.9	62.6	62.9	64.7	64.7	67.8	67.8	67.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 14000	62.6	63.1	63.9	64.2	66.0	66.0	69.1	69.1	69.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 12000	62.6	63.1	63.9	64.2	66.0	66.0	69.1	69.1	69.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 10000	63.9	64.4	65.2	65.5	67.3	67.3	70.4	70.4	70.4	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 9000	64.4	64.9	65.7	66.0	67.8	67.8	70.9	70.9	70.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 8000	66.2	66.8	67.5	67.8	69.6	69.6	72.7	72.7	72.7	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 7000	68.6	69.1	69.8	70.1	71.9	71.9	75.0	75.0	75.0	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 6000	71.4	71.9	72.7	72.9	74.7	74.7	77.8	77.8	77.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1
GE 5000	74.2	74.7	75.8	76.0	77.8	77.8	80.9	80.9	80.9	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 4500	74.5	75.0	76.0	76.3	78.1	78.1	81.2	81.2	81.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 4000	78.9	79.4	80.4	80.7	82.5	82.5	85.6	85.6	85.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	78.9	79.4	80.4	80.7	82.5	82.5	85.6	85.6	85.6	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	83.5	84.0	85.1	85.3	87.1	87.1	90.2	90.2	90.2	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	86.9	87.4	88.4	88.7	90.5	90.5	93.6	93.6	93.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2000	90.5	91.0	92.0	92.3	94.1	94.1	97.2	97.2	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	90.5	91.0	92.0	92.3	94.1	94.1	97.2	97.2	97.2	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	91.0	91.5	92.5	92.8	94.6	94.6	97.7	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	91.0	91.5	92.5	92.8	94.6	94.6	97.7	98.2	98.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.5	92.0	93.0	93.3	95.1	95.1	98.2	98.7	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 388

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.8	57.5	58.3	59.4	62.2	62.2	63.3	63.3	63.3	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 20000	56.4	58.0	58.8	59.9	62.7	62.7	63.8	63.8	63.8	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	56.9	58.6	59.4	60.5	63.3	63.3	64.4	64.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 16000	56.9	58.6	59.4	60.5	63.3	63.3	64.4	64.4	64.4	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 14000	59.4	61.0	61.9	63.0	65.7	65.7	66.9	66.9	66.9	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 12000	59.7	61.3	62.2	63.3	66.0	66.0	67.1	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 10000	61.9	63.5	64.4	65.5	68.2	68.2	69.3	69.3	69.3	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 9000	62.2	63.8	64.6	65.7	68.5	68.5	69.6	69.6	69.6	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 8000	63.3	64.9	65.7	66.9	69.6	69.6	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	65.2	66.9	67.7	68.8	71.5	71.5	72.7	72.7	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	69.6	71.3	72.1	73.2	76.0	76.0	77.1	77.1	77.1	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 5000	74.9	76.5	77.3	78.5	81.2	81.2	82.3	82.3	82.3	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	75.1	76.8	77.6	78.7	81.5	81.5	82.6	82.6	82.6	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 4000	81.2	82.9	83.7	84.8	87.6	87.6	88.7	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3500	81.2	82.9	83.7	84.8	87.6	87.6	88.7	88.7	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 3000	86.5	88.1	89.0	90.1	92.8	92.8	93.9	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	88.1	89.8	90.6	91.7	94.5	94.5	95.6	95.6	95.6	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 2000	90.1	91.7	92.5	93.6	96.4	96.4	97.5	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	90.1	91.7	92.5	93.6	96.4	96.4	97.5	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	90.9	92.5	93.4	94.5	97.2	97.2	98.6	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 300	91.2	92.8	93.6	94.8	97.5	97.5	98.9	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	91.2	93.1	93.9	95.0	97.8	97.8	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.2	93.1	93.9	95.0	97.8	97.8	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.2	93.1	93.9	95.0	97.8	97.8	99.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 362

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	73.7	74.6	76.7	78.9	81.5	81.5	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.9
GE 20000	73.7	74.6	76.7	78.9	81.5	81.5	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.9
GE 18000	73.7	74.6	76.7	78.9	81.5	81.5	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.9
GE 16000	73.7	74.6	76.7	78.9	81.5	81.5	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.9
GE 14000	73.7	74.6	76.7	78.9	81.5	81.5	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.9
GE 12000	73.7	74.6	76.7	78.9	81.5	81.5	82.8	82.8	82.8	84.5	84.5	84.5	84.5	84.5	84.5	84.9
GE 10000	74.6	75.4	77.6	79.7	82.3	82.3	83.6	83.6	83.6	85.3	85.3	85.3	85.3	85.3	85.3	85.8
GE 9000	74.6	75.4	77.6	79.7	82.3	82.3	83.6	83.6	83.6	85.3	85.3	85.3	85.3	85.3	85.3	85.8
GE 8000	75.4	76.3	78.4	80.6	83.2	83.2	84.5	84.5	84.5	86.2	86.2	86.2	86.2	86.2	86.2	86.6
GE 7000	76.3	77.2	79.3	81.5	84.1	84.1	85.3	85.3	85.3	87.1	87.1	87.1	87.1	87.1	87.1	87.5
GE 6000	78.0	78.9	81.0	83.2	85.8	85.8	87.1	87.1	87.1	88.8	88.8	88.8	88.8	88.8	88.8	89.2
GE 5000	79.3	80.2	82.3	84.5	87.1	87.1	88.4	88.4	88.4	90.1	90.1	90.1	90.1	90.1	90.1	90.5
GE 4500	79.3	80.2	82.3	84.5	87.1	87.1	88.4	88.4	88.4	90.1	90.1	90.1	90.1	90.1	90.1	90.5
GE 4000	83.2	84.1	86.2	88.4	90.9	90.9	92.2	92.2	92.2	94.0	94.0	94.0	94.0	94.0	94.0	94.4
GE 3500	84.1	84.9	87.1	89.2	91.8	91.8	93.1	93.1	93.1	94.8	94.8	94.8	94.8	94.8	94.8	95.3
GE 3000	86.6	87.5	89.7	91.8	94.4	94.4	95.7	95.7	95.7	97.4	97.4	97.4	97.4	97.4	97.4	97.8
GE 2500	87.9	88.8	90.9	93.1	95.7	95.7	97.0	97.0	97.0	98.7	98.7	98.7	98.7	98.7	98.7	99.1
GE 2000	88.4	89.2	91.4	93.5	96.1	96.1	97.4	97.4	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.6
GE 1800	88.4	89.2	91.4	93.5	96.1	96.1	97.4	97.4	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.6
GE 1500	88.4	89.2	91.4	93.5	96.1	96.1	97.4	97.4	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.6
GE 1200	88.4	89.2	91.4	93.5	96.1	96.1	97.4	97.4	97.4	99.1	99.1	99.1	99.1	99.1	99.1	99.6
GE 1000	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 900	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 800	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 700	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 600	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 500	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 400	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 300	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 200	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 100	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0
GE 000	88.8	89.7	91.8	94.0	96.6	96.6	97.8	97.8	97.8	99.6	99.6	99.6	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 232

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.7	66.6	67.3	68.1	69.6	69.6	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 20000	65.9	66.8	67.5	68.3	69.9	69.9	71.0	71.0	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 18000	66.3	67.2	67.9	68.7	70.2	70.2	71.3	71.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 16000	66.3	67.2	67.9	68.7	70.2	70.2	71.3	71.3	71.3	71.9	71.9	71.9	71.9	71.9	71.9	72.0
GE 14000	67.4	68.3	69.0	69.8	71.3	71.3	72.5	72.5	72.5	73.0	73.0	73.0	73.0	73.0	73.0	73.1
GE 12000	68.0	68.9	69.6	70.4	71.9	71.9	73.1	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.7
GE 10000	69.4	70.3	71.0	71.8	73.3	73.3	74.4	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 9000	69.6	70.5	71.2	72.0	73.6	73.6	74.7	74.7	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 8000	70.5	71.5	72.1	72.9	74.5	74.5	75.6	75.6	75.6	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 7000	72.0	72.9	73.6	74.4	75.9	75.9	77.0	77.0	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 6000	74.3	75.2	75.9	76.7	78.2	78.2	79.4	79.4	79.4	79.9	79.9	79.9	79.9	79.9	79.9	80.0
GE 5000	78.2	79.1	79.9	80.7	82.2	82.2	83.3	83.3	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	78.5	79.4	80.1	80.9	82.4	82.4	83.6	83.6	83.6	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	84.2	85.1	85.8	86.6	88.1	88.1	89.3	89.3	89.3	89.9	89.9	89.9	89.9	89.9	89.9	89.9
GE 3500	84.5	85.5	86.2	87.0	88.5	88.5	89.7	89.7	89.7	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	88.6	89.5	90.3	91.1	92.7	92.7	93.8	93.8	93.8	94.4	94.4	94.4	94.4	94.4	94.4	94.5
GE 2500	90.1	91.0	91.9	92.7	94.2	94.2	95.3	95.3	95.3	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 2000	91.9	92.8	93.7	94.5	96.1	96.1	97.2	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	91.9	92.8	93.7	94.5	96.1	96.1	97.2	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	92.4	93.4	94.4	95.2	96.7	96.7	98.0	98.2	98.2	98.9	98.9	98.9	98.9	98.9	98.9	99.0
GE 1200	92.5	93.4	94.4	95.3	96.8	96.8	98.2	98.4	98.4	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	92.8	93.7	94.7	95.7	97.2	97.2	98.6	98.9	98.9	99.5	99.6	99.6	99.6	99.6	99.6	99.7
GE 900	92.8	93.7	94.8	95.7	97.3	97.3	98.7	98.9	98.9	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	92.9	93.8	94.8	95.8	97.3	97.3	98.7	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	92.9	93.8	94.8	95.8	97.3	97.3	98.7	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	92.9	93.8	94.8	95.8	97.3	97.3	98.7	99.0	99.0	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	92.9	93.8	94.8	95.8	97.4	97.4	98.8	99.1	99.1	99.8	99.8	99.8	99.8	99.8	99.8	99.9
GE 400	92.9	93.8	94.8	95.8	97.4	97.4	98.9	99.1	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	92.9	93.8	94.8	95.8	97.4	97.4	98.9	99.1	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	92.9	93.9	94.9	95.9	97.5	97.5	98.9	99.2	99.2	99.8	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	92.9	93.9	94.9	95.9	97.5	97.5	98.9	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.9	93.9	94.9	95.9	97.5	97.5	98.9	99.2	99.2	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2621

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.4	87.1	88.6	90.9	93.9	93.9	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 132

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 20000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 18000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 16000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 14000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 12000	95.6	97.1	98.5	98.5	98.5	96.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 10000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 9000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 8000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 7000	95.6	97.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	99.3
GE 6000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 5000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 4500	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 4000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 3500	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 3000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 2500	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 2000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 1800	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 1500	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 1200	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 1000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 900	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 800	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 700	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 600	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 500	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 400	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 300	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 200	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 100	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0
GE 000	96.3	97.8	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 136

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	E 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	57.0	57.2	57.4	57.4	57.4	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9	57.9
GE 20000	57.0	57.2	57.4	57.5	57.5	57.5	57.9	57.9	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	57.2	57.4	57.5	57.7	57.7	57.7	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	57.2	57.4	57.5	57.7	57.7	57.7	58.1	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 14000	57.5	57.7	57.9	58.1	58.1	58.1	58.4	58.4	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 12000	58.3	58.4	58.6	58.8	58.8	58.8	59.2	59.2	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	60.1	60.3	60.4	60.6	60.6	60.6	61.0	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	61.3	61.5	61.7	61.9	61.9	61.9	62.3	62.3	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 8000	63.2	63.3	63.5	63.7	63.7	63.7	64.1	64.1	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 7000	66.6	66.8	67.0	67.2	67.2	67.2	67.5	67.5	67.5	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	69.0	69.1	69.3	69.5	69.5	69.5	69.9	69.9	69.9	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 5000	73.1	73.3	73.5	73.7	73.7	73.7	74.0	74.0	74.0	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 4500	74.6	74.8	75.0	75.1	75.1	75.1	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 4000	81.7	81.9	82.0	82.2	82.2	82.2	82.6	82.6	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3500	83.7	83.8	84.0	84.2	84.2	84.2	84.6	84.6	84.6	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 3000	90.4	90.6	90.7	90.9	90.9	90.9	91.3	91.3	91.3	91.5	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	92.0	92.2	92.4	92.6	92.6	92.6	92.9	92.9	92.9	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 2000	95.1	95.3	95.5	95.6	95.6	95.6	96.4	96.6	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	96.0	96.2	96.6	96.7	96.9	96.9	97.6	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	96.9	97.1	97.5	97.6	97.8	97.8	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	96.9	97.1	97.5	97.6	97.8	97.8	98.5	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	97.3	97.5	97.8	98.0	98.2	98.2	98.9	99.5	99.5	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.5	97.6	98.0	98.2	98.5	98.5	99.3	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 551

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	65.1	65.7	66.7	67.3	68.2	68.2	69.4	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 20000	65.1	65.7	66.7	67.3	68.2	68.2	69.4	69.4	69.4	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 18000	65.4	66.0	67.0	67.6	68.5	68.5	69.8	69.8	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 16000	65.4	66.0	67.0	67.6	68.5	68.5	69.8	69.8	69.8	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 14000	66.4	67.0	67.9	68.5	69.4	69.4	70.7	70.7	70.7	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 12000	68.5	69.1	70.1	70.7	71.6	71.6	72.8	72.8	72.8	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 10000	69.8	70.4	71.3	71.9	72.8	72.8	74.1	74.1	74.1	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 9000	71.0	71.6	72.5	73.1	74.1	74.1	75.3	75.3	75.3	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 8000	72.8	73.5	74.4	75.0	75.9	75.9	77.2	77.2	77.2	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 7000	74.7	75.3	76.2	76.9	77.8	77.8	79.0	79.0	79.0	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 6000	77.2	77.8	78.7	79.3	80.2	80.2	81.5	81.5	81.5	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 5000	78.1	78.7	79.6	80.2	81.2	81.2	82.4	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4500	78.4	79.0	79.9	80.6	81.5	81.5	82.7	82.7	82.7	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	81.5	82.1	83.0	83.6	84.6	84.6	85.8	85.8	85.8	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 3500	83.6	84.3	85.2	85.8	86.7	86.7	88.0	88.0	88.0	88.6	88.6	88.6	88.6	88.6	88.6	88.6
GE 3000	88.0	88.6	89.5	90.1	91.0	91.0	92.3	92.3	92.3	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 2500	90.1	90.7	91.7	92.3	93.2	93.2	94.4	94.4	94.4	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 2000	92.9	93.5	94.8	95.4	96.3	96.3	97.5	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1800	92.9	93.5	94.8	95.4	96.3	96.3	97.5	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1500	94.1	94.8	96.0	96.6	97.5	97.5	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	94.1	94.8	96.0	96.6	97.5	97.5	98.8	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	94.1	94.8	96.0	96.6	97.5	97.5	98.8	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.1	94.8	96.0	96.6	97.8	97.8	99.1	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 324

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.5	56.5	57.5	58.2	58.7	58.7	59.0	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.7
GE 20000	54.5	56.5	57.5	58.2	58.7	58.7	59.0	59.0	59.0	59.5	59.5	59.5	59.5	59.5	59.5	59.7
GE 18000	55.2	57.2	58.2	59.0	59.5	59.5	59.7	59.7	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.4
GE 16000	55.2	57.2	58.2	59.0	59.5	59.5	59.7	59.7	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.4
GE 14000	55.7	57.7	58.7	59.5	60.0	60.0	60.2	60.2	60.2	60.7	60.7	60.7	60.7	60.7	60.7	60.9
GE 12000	57.2	59.2	60.2	60.9	61.4	61.4	61.7	61.7	61.7	62.2	62.2	62.2	62.2	62.2	62.2	62.4
GE 10000	59.5	61.4	62.4	63.2	63.7	63.7	63.9	63.9	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.7
GE 9000	60.4	62.4	63.4	64.2	64.7	64.7	64.9	64.9	64.9	65.4	65.4	65.4	65.4	65.4	65.4	65.7
GE 8000	63.7	65.7	66.7	67.4	67.9	67.9	68.2	68.2	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.9
GE 7000	67.4	69.4	70.4	71.1	71.6	71.6	71.9	71.9	71.9	72.4	72.4	72.4	72.4	72.4	72.4	72.6
GE 6000	71.6	73.6	74.6	75.4	75.9	75.9	76.1	76.1	76.1	76.6	76.6	76.6	76.6	76.6	76.6	76.9
GE 5000	75.6	77.6	78.6	79.4	79.9	79.9	80.1	80.1	80.1	80.6	80.6	80.6	80.6	80.6	80.6	80.8
GE 4500	76.4	78.4	79.4	80.1	80.6	80.6	80.8	80.8	80.8	81.3	81.3	81.3	81.3	81.3	81.3	81.6
GE 4000	80.8	82.8	83.8	84.6	85.1	85.1	85.3	85.3	85.3	85.8	85.8	85.8	85.8	85.8	85.8	86.1
GE 3500	82.1	84.1	85.1	85.8	86.3	86.3	86.6	86.6	86.6	87.1	87.1	87.1	87.1	87.1	87.1	87.3
GE 3000	87.6	89.6	90.5	91.3	91.8	91.8	92.0	92.0	92.0	92.5	92.5	92.5	92.5	92.5	92.5	92.8
GE 2500	90.0	92.0	93.0	93.8	94.3	94.3	94.5	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.3
GE 2000	93.8	95.8	96.8	97.5	98.0	98.0	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	99.0
GE 1800	93.8	95.8	96.8	97.5	98.0	98.0	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	99.0
GE 1500	93.8	95.8	96.8	97.5	98.0	98.0	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	99.0
GE 1200	94.0	96.0	97.0	97.8	98.3	98.3	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.3
GE 1000	94.5	96.5	97.5	98.3	98.8	98.8	99.0	99.0	99.0	99.5	99.5	99.5	99.5	99.5	99.5	99.8
GE 900	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 800	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 700	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 600	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 500	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 400	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 300	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 200	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 100	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0
GE 000	94.8	96.8	97.8	98.5	99.0	99.0	99.3	99.3	99.3	99.8	99.8	99.8	99.8	99.8	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 402

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.0	60.2	62.3	62.9	65.3	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 20000	59.0	60.2	62.3	62.9	65.3	65.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 18000	59.3	60.5	62.6	63.2	65.7	65.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	59.3	60.5	62.6	63.2	65.7	65.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 14000	59.3	60.5	62.6	63.2	65.7	65.7	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 12000	60.2	61.4	63.5	64.1	66.6	66.6	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
GE 10000	61.4	62.6	64.7	65.3	67.8	67.8	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 9000	62.3	63.5	65.7	66.3	68.7	68.7	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	66.3	67.5	69.6	70.2	72.6	72.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 7000	69.3	70.5	72.6	73.3	75.7	75.7	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	73.3	74.5	76.6	77.2	79.6	79.6	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 5000	74.8	76.0	78.1	78.7	81.2	81.2	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	75.4	76.6	78.7	79.3	81.8	81.8	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 4000	79.3	80.5	82.7	83.3	85.7	85.7	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 3500	81.2	82.4	84.5	85.1	87.5	87.5	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3000	85.7	86.9	89.1	89.7	92.1	92.1	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 2500	88.4	89.7	91.8	92.4	94.8	94.8	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	91.2	92.4	94.8	95.4	97.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	91.2	92.4	94.8	95.4	97.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	91.2	92.4	94.8	95.4	97.9	97.9	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	91.5	92.7	95.1	96.0	98.5	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.1	93.3	95.7	96.7	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 329

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	56.5	57.7	58.9	60.4	60.4	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 20000	54.8	56.5	57.7	58.9	60.4	60.4	61.0	61.0	61.0	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	55.4	57.1	58.3	59.5	61.0	61.0	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 16000	55.4	57.1	58.3	59.5	61.0	61.0	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 14000	56.8	58.6	59.8	61.0	62.5	62.5	63.1	63.1	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 12000	57.7	59.5	60.7	61.9	63.4	63.4	64.0	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 10000	59.5	61.3	62.5	63.7	65.2	65.2	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	61.9	63.7	64.9	66.1	67.6	67.6	68.2	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	65.5	67.3	68.5	69.6	71.1	71.1	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 7000	69.6	71.4	72.6	73.8	75.3	75.3	75.9	75.9	75.9	76.2	76.2	76.2	76.2	76.2	76.2	76.2
GE 6000	73.8	75.6	76.8	78.0	79.5	79.5	80.1	80.1	80.1	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	78.0	79.8	81.0	82.1	83.6	83.6	84.2	84.2	84.2	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	78.9	80.7	81.8	83.0	84.5	84.5	85.1	85.1	85.1	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 4000	83.9	85.7	86.9	88.1	89.6	89.6	90.2	90.2	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 3500	85.1	86.9	88.1	89.3	90.8	90.8	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3000	88.7	90.5	91.7	92.9	94.3	94.3	94.9	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2500	90.2	92.0	93.2	94.3	95.8	95.8	96.4	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	92.9	94.6	95.8	97.0	98.5	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1800	92.9	94.6	95.8	97.0	98.5	98.5	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1500	93.2	94.9	96.1	97.3	98.8	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	93.2	94.9	96.1	97.3	98.8	98.8	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.5	95.2	96.4	97.6	99.1	99.1	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 336

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	66.2	69.7	72.3	74.4	76.9	76.9	79.5	79.5	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.5
GE 20000	66.2	69.7	72.3	74.4	76.9	76.9	79.5	79.5	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.5
GE 18000	66.2	69.7	72.3	74.4	76.9	76.9	79.5	79.5	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.5
GE 16000	66.2	69.7	72.3	74.4	76.9	76.9	79.5	79.5	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.5
GE 14000	66.2	69.7	72.3	74.4	76.9	76.9	79.5	79.5	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.5
GE 12000	66.2	69.7	72.3	74.4	76.9	76.9	79.5	79.5	79.5	81.0	81.0	81.0	81.0	81.0	81.0	81.5
GE 10000	66.7	70.3	72.8	74.9	77.4	77.4	80.0	80.0	80.0	81.5	81.5	81.5	81.5	81.5	81.5	82.1
GE 9000	66.7	70.3	72.8	74.9	77.4	77.4	80.0	80.0	80.0	81.5	81.5	81.5	81.5	81.5	81.5	82.1
GE 8000	68.7	72.3	74.9	76.9	79.5	79.5	82.1	82.1	82.1	83.6	83.6	83.6	83.6	83.6	83.6	84.1
GE 7000	72.8	76.4	79.0	81.0	83.6	83.6	86.2	86.2	86.2	87.7	87.7	87.7	87.7	87.7	87.7	88.2
GE 6000	74.9	78.5	81.0	83.1	85.6	85.6	88.2	88.2	88.2	89.7	89.7	89.7	89.7	89.7	89.7	90.3
GE 5000	75.9	79.5	82.1	84.1	86.7	86.7	89.2	89.2	89.2	90.8	90.8	90.8	90.8	90.8	90.8	91.3
GE 4500	76.9	80.5	83.1	85.1	87.7	87.7	90.3	90.3	90.3	91.8	91.8	91.8	91.8	91.8	91.8	92.3
GE 4000	79.5	83.1	85.6	87.7	90.3	90.3	92.8	92.8	92.8	94.4	94.4	94.4	94.4	94.4	94.4	94.9
GE 3500	80.5	84.1	86.7	88.7	91.3	91.3	93.8	93.8	93.8	95.4	95.4	95.4	95.4	95.4	95.4	95.9
GE 3000	83.6	87.2	89.7	91.8	94.4	94.4	96.9	96.9	96.9	98.5	98.5	98.5	98.5	98.5	98.5	99.0
GE 2500	84.1	87.7	90.3	92.3	94.9	94.9	97.4	97.4	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.5
GE 2000	84.1	87.7	90.3	92.3	94.9	94.9	97.4	97.4	97.4	99.0	99.0	99.0	99.0	99.0	99.0	99.5
GE 1800	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 1500	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 1200	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 1000	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 900	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 800	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 700	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 600	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 500	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 400	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 300	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 200	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 100	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0
GE 000	84.1	87.7	90.3	92.3	94.9	94.9	97.9	97.9	97.9	99.5	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 195

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.1	63.4	64.6	65.4	66.5	66.5	67.5	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	68.0
GE 20000	62.2	63.5	64.6	65.4	66.5	66.5	67.5	67.5	67.5	67.9	67.9	67.9	67.9	67.9	67.9	68.1
GE 18000	62.5	63.8	64.9	65.7	66.9	66.9	67.9	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 16000	62.5	63.8	64.9	65.7	66.9	66.9	67.9	67.9	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.4
GE 14000	63.0	64.3	65.4	66.2	67.4	67.4	68.4	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.9
GE 12000	64.0	65.2	66.4	67.2	68.3	68.3	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.9
GE 10000	65.4	66.7	67.8	68.6	69.7	69.7	70.7	70.7	70.7	71.1	71.1	71.1	71.1	71.1	71.1	71.3
GE 9000	66.4	67.7	68.9	69.7	70.8	70.8	71.8	71.8	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.3
GE 8000	68.9	70.1	71.3	72.1	73.2	73.2	74.2	74.2	74.2	74.6	74.6	74.6	74.6	74.6	74.6	74.8
GE 7000	71.9	73.1	74.3	75.1	76.2	76.2	77.2	77.2	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.8
GE 6000	74.8	76.0	77.2	78.0	79.1	79.1	80.1	80.1	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.7
GE 5000	77.4	78.7	79.8	80.6	81.7	81.7	82.7	82.7	82.7	83.2	83.2	83.2	83.2	83.2	83.2	83.3
GE 4500	78.2	79.5	80.6	81.4	82.5	82.5	83.5	83.5	83.5	84.0	84.0	84.0	84.0	84.0	84.0	84.1
GE 4000	82.4	83.7	84.9	85.7	86.8	86.8	87.8	87.8	87.8	88.2	88.2	88.2	88.2	88.2	88.2	88.3
GE 3500	83.9	85.2	86.3	87.1	88.2	88.2	89.2	89.2	89.2	89.6	89.6	89.6	89.6	89.6	89.6	89.8
GE 3000	88.3	89.6	90.7	91.5	92.6	92.6	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.2
GE 2500	90.0	91.3	92.4	93.2	94.3	94.3	95.3	95.3	95.3	95.8	95.8	95.8	95.8	95.8	95.8	95.9
GE 2000	92.4	93.7	95.0	95.8	96.9	96.9	98.0	98.0	98.0	98.4	98.4	98.4	98.4	98.4	98.4	98.5
GE 1800	92.6	93.9	95.2	96.0	97.2	97.2	98.3	98.4	98.4	98.8	98.8	98.8	98.8	98.8	98.8	98.9
GE 1500	93.1	94.3	95.6	96.4	97.6	97.6	98.7	98.8	98.8	99.3	99.3	99.3	99.3	99.3	99.3	99.4
GE 1200	93.1	94.4	95.7	96.5	97.7	97.7	98.8	99.0	99.0	99.4	99.4	99.4	99.4	99.4	99.4	99.5
GE 1000	93.4	94.7	96.0	96.8	98.0	98.0	99.1	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.8
GE 900	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 800	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 700	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 600	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 500	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 400	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 300	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 200	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 100	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0
GE 000	93.5	94.8	96.1	96.9	98.2	98.2	99.3	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 2405

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	87.7	89.6	93.4	97.2	97.2	97.2	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 106

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	97.4	98.2	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 114

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.0	54.4	55.7	56.3	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 20000	54.2	54.6	55.9	56.5	56.9	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 18000	54.4	54.8	56.1	56.7	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	54.4	54.8	56.1	56.7	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	54.4	54.8	56.1	56.7	57.1	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 12000	54.6	55.0	56.5	57.1	57.6	57.6	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 10000	57.3	57.6	60.1	60.7	61.3	61.3	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 9000	57.8	58.2	60.7	61.3	61.8	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 8000	59.5	59.9	62.4	63.0	63.5	63.5	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 7000	66.8	67.2	70.4	71.0	71.6	71.6	71.9	71.9	71.9	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	68.3	8.7	71.9	72.5	73.1	73.1	73.5	73.5	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 5000	74.6	75.0	78.4	79.0	79.8	79.8	80.2	80.2	80.2	80.3	80.3	80.3	80.3	80.3	80.3	80.3
GE 4500	75.4	75.8	79.2	79.8	80.5	80.5	80.9	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 4000	81.7	82.1	85.5	86.1	86.8	86.8	87.2	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 3500	83.0	83.4	86.8	87.4	88.2	88.2	88.5	88.5	88.5	88.7	88.7	88.7	88.7	88.7	88.7	88.7
GE 3000	88.0	88.4	91.8	92.4	93.1	93.1	93.5	93.5	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 2500	89.3	89.7	93.9	94.5	95.2	95.2	95.8	96.0	96.0	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	90.5	90.8	95.6	96.2	96.9	96.9	97.5	97.7	97.7	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	90.6	91.0	95.8	96.4	97.1	97.1	97.7	98.1	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	90.6	91.0	96.0	96.6	97.3	97.3	97.9	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	90.8	91.2	96.4	96.9	97.7	97.7	98.5	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	91.0	91.4	96.6	97.1	97.9	97.9	98.7	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	91.2	91.6	96.8	97.3	98.1	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	91.2	91.6	96.8	97.3	98.1	98.1	98.9	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	91.2	91.6	96.9	97.5	98.3	98.3	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	91.2	91.6	96.9	97.5	98.3	98.3	99.0	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	91.2	91.6	96.9	97.5	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	91.2	91.6	96.9	97.5	98.3	98.5	99.2	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	91.2	91.6	96.9	97.5	98.3	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.2	91.6	96.9	97.5	98.3	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.2	91.6	96.9	97.5	98.3	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.2	91.6	96.9	97.5	98.3	98.5	99.2	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 524

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	62.4	63.5	64.6	65.3	65.7	65.7	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 20000	62.8	63.9	65.0	65.7	66.1	66.1	66.4	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 18000	63.1	64.2	65.3	66.1	66.4	66.4	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 16000	63.1	64.2	65.3	66.1	66.4	66.4	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 14000	63.1	64.2	65.3	66.1	66.4	66.4	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 12000	63.1	64.2	65.3	66.1	66.4	66.4	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 10000	65.3	66.4	67.9	68.6	69.0	69.0	69.3	69.3	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 9000	66.1	67.2	68.6	69.3	69.7	69.7	70.1	70.1	70.1	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 8000	68.6	69.7	71.2	71.9	72.3	72.3	72.6	72.6	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 7000	73.7	74.8	76.3	77.0	77.7	77.7	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 6000	74.8	75.9	77.4	78.1	78.8	78.8	79.2	79.2	79.2	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 5000	77.4	78.5	79.9	80.7	81.4	81.4	81.8	81.8	81.8	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	78.5	79.6	81.0	81.8	82.5	82.5	82.8	82.8	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 4000	81.4	82.5	84.3	85.0	85.8	85.8	86.1	86.1	86.1	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 3500	82.1	83.2	85.0	85.8	86.5	86.5	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 3000	88.3	89.4	91.2	92.0	92.7	92.7	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	90.1	91.2	93.4	94.2	94.9	94.9	95.3	95.3	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2000	91.2	92.3	94.9	95.6	96.7	96.7	97.4	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	91.2	92.3	95.3	96.0	97.1	97.1	97.8	97.8	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	92.0	93.1	96.0	96.7	97.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	92.0	93.1	96.0	96.7	97.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	92.0	93.1	96.0	96.7	97.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	92.0	93.1	96.0	96.7	97.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	92.0	93.1	96.0	96.7	97.8	97.8	98.9	98.9	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 700	92.3	93.4	96.4	97.1	98.2	98.2	99.3	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.3	93.4	96.4	97.1	98.5	98.5	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 274

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.2	55.2	56.4	57.7	58.2	58.2	59.4	59.4	59.4	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 20000	54.5	55.4	56.7	57.9	58.7	58.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 18000	54.5	55.4	56.7	57.9	58.7	58.7	59.9	59.9	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 16000	54.7	55.7	56.9	58.2	58.9	58.9	60.1	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	55.2	56.2	57.4	58.7	59.4	59.4	60.6	60.6	60.6	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 12000	55.7	56.7	58.2	59.4	60.4	60.4	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 10000	58.2	59.2	60.6	61.9	63.1	63.1	64.6	64.6	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 9000	59.2	60.1	61.6	62.9	64.1	64.1	65.6	65.6	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 8000	60.6	61.6	63.1	64.4	65.6	65.6	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 7000	64.6	65.6	67.1	68.3	69.6	69.6	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 6000	66.8	67.8	69.3	70.5	71.8	71.8	73.3	73.3	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5
GE 5000	72.5	73.5	75.0	76.2	77.5	77.5	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 4500	73.0	74.0	75.5	76.7	78.0	78.0	79.5	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 4000	79.5	80.4	81.9	83.2	84.4	84.4	85.9	85.9	85.9	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	80.4	81.4	82.9	84.2	85.4	85.4	86.9	86.9	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 3000	85.9	86.9	88.9	90.1	91.3	91.3	93.1	93.1	93.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2500	87.6	88.6	91.1	92.3	93.6	93.6	95.3	95.3	95.3	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	89.4	90.3	93.3	94.6	96.0	96.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	89.4	90.3	93.3	94.6	96.0	96.0	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	89.6	90.6	93.6	94.8	96.3	96.3	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	89.6	90.6	93.6	94.8	96.3	96.3	98.5	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	89.6	90.6	94.1	95.3	97.0	97.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	89.6	90.6	94.1	95.3	97.0	97.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 800	89.6	90.6	94.1	95.3	97.0	97.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 700	89.6	90.6	94.1	95.3	97.0	97.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	89.6	90.6	94.1	95.3	97.0	97.0	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	89.6	90.6	94.1	95.5	97.3	97.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.6	90.6	94.1	95.5	97.3	97.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.6	90.6	94.1	95.5	97.3	97.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.6	90.6	94.1	95.5	97.3	97.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.6	90.6	94.1	95.5	97.3	97.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.6	90.6	94.1	95.5	97.3	97.3	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 404

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	57.9	60.5	61.8	64.5	65.5	65.5	66.1	66.1	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 20000	57.9	60.5	61.8	64.5	65.8	65.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 18000	57.9	60.5	61.8	64.5	65.8	65.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 16000	57.9	60.5	61.8	64.5	65.8	65.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 14000	57.9	60.5	61.8	64.5	65.8	65.8	66.8	66.8	66.8	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 12000	58.2	60.9	62.5	65.1	66.4	66.4	67.4	67.4	67.4	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 10000	60.5	63.2	64.8	67.4	68.8	68.8	69.7	69.7	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 9000	61.2	63.8	65.5	68.1	69.4	69.4	70.4	70.4	70.4	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 8000	64.8	67.4	69.1	71.7	73.0	73.0	74.0	74.0	74.0	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7000	66.8	69.4	71.4	74.0	75.3	75.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 6000	70.7	73.4	75.3	78.0	79.3	79.3	80.3	80.3	80.3	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 5000	74.0	76.6	78.6	81.3	82.6	82.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	74.0	76.6	78.6	81.3	82.6	82.6	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	79.3	81.9	83.9	86.5	87.8	87.8	88.8	88.8	88.8	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	79.9	82.6	84.5	87.2	88.5	88.5	89.5	89.5	89.5	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	83.6	86.2	88.2	90.8	92.1	92.1	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2500	86.8	89.5	91.4	94.1	95.4	95.4	96.7	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	88.8	91.4	93.4	96.1	97.4	97.4	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1800	88.8	91.4	93.4	96.1	97.4	97.4	99.0	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1500	88.8	91.4	93.8	96.4	97.7	97.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1200	88.8	91.4	93.8	96.4	97.7	97.7	99.3	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	88.8	91.4	93.8	96.4	98.0	98.0	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 304

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.8	57.1	59.8	60.1	61.1	61.1	61.5	61.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 20000	56.8	57.1	59.3	60.5	61.8	61.8	62.1	62.1	62.1	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 18000	56.8	57.1	60.1	60.8	62.1	62.1	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 16000	56.8	57.1	60.1	60.8	62.1	62.1	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 14000	56.8	57.1	60.1	60.8	62.1	62.1	62.5	62.5	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 12000	57.8	58.1	61.1	61.8	63.1	63.1	63.5	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 10000	60.1	60.5	63.5	64.1	65.4	65.4	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	61.5	61.8	64.8	65.4	66.8	66.8	67.1	67.1	67.1	67.4	67.4	67.4	67.4	67.4	67.4	67.4
GE 8000	62.1	62.5	65.4	66.1	67.4	67.4	67.8	67.8	67.8	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	68.8	69.1	72.8	73.4	75.1	75.1	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 6000	72.4	72.8	76.4	77.1	78.7	78.7	79.1	79.1	79.1	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 5000	77.4	77.7	82.1	82.7	84.4	84.4	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4500	77.4	77.7	82.1	82.7	84.4	84.4	84.7	84.7	84.7	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 4000	84.1	84.4	88.7	89.4	91.0	91.0	91.4	91.4	91.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	84.4	84.7	89.0	89.7	91.4	91.4	91.7	91.7	91.7	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 3000	87.4	87.7	92.0	92.7	94.4	94.4	94.7	94.7	94.7	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2500	89.0	89.4	93.7	94.4	96.0	96.0	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	89.7	90.0	94.4	95.0	96.7	96.7	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1800	90.0	90.4	94.7	95.3	97.0	97.0	97.7	97.7	97.7	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1500	90.4	90.7	95.7	96.3	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1200	90.4	90.7	95.7	96.3	98.0	98.0	98.7	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	90.4	90.7	95.7	96.3	98.3	98.3	99.0	99.3	99.3	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.4	90.7	95.7	96.3	98.7	98.7	99.3	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 301

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	61.8	63.6	65.9	68.7	69.6	69.6	70.0	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 20000	61.8	63.6	65.9	68.7	69.6	69.6	70.0	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 18000	61.8	63.6	65.9	68.7	69.6	69.6	70.0	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 16000	61.8	63.6	65.9	68.7	69.6	69.6	70.0	70.0	70.0	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 14000	62.2	64.1	66.4	69.1	70.0	70.0	70.5	70.5	70.5	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 12000	62.7	64.5	66.8	69.6	70.5	70.5	71.0	71.0	71.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 10000	64.1	65.9	68.2	71.0	71.9	71.9	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 9000	65.4	67.3	69.6	72.4	73.7	73.7	74.2	74.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 8000	67.7	69.6	71.9	74.7	76.0	76.0	76.5	76.5	76.5	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 7000	70.0	71.9	74.2	77.0	78.3	78.3	78.8	78.8	78.8	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 6000	73.7	75.6	77.9	80.6	82.0	82.0	82.5	82.5	82.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 5000	76.5	78.3	80.6	83.4	84.8	84.8	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4500	76.5	78.3	80.6	83.4	84.8	84.8	85.3	85.3	85.3	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 4000	82.5	84.3	86.6	89.4	90.8	90.8	91.2	91.2	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 3500	82.9	84.8	87.1	89.9	91.2	91.2	91.7	91.7	91.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3000	88.0	89.9	92.2	94.9	96.3	96.3	96.8	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 2500	88.5	90.3	92.6	95.4	96.8	96.8	97.2	97.2	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 2000	88.9	90.8	93.1	95.9	97.2	97.2	97.7	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	88.9	90.8	93.1	95.9	97.7	97.7	98.2	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	89.4	91.2	93.5	96.3	98.2	98.2	98.6	98.6	98.6	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 1200	89.4	91.2	93.5	96.3	98.6	98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	89.4	91.2	93.5	96.3	98.6	98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	89.4	91.2	93.5	96.3	98.6	98.6	99.1	99.1	99.1	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	89.4	91.2	93.5	96.3	99.1	99.1	99.5	99.5	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 217

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	60.5	61.6	63.3	64.6	65.2	65.2	65.8	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 20000	60.7	61.8	63.4	64.8	65.5	65.5	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 18000	60.7	61.9	63.5	64.9	65.6	65.6	66.3	66.3	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 16000	60.8	61.9	63.6	65.0	65.7	65.7	66.4	66.4	66.4	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 4000	60.9	62.0	63.7	65.1	65.8	65.8	66.5	66.5	66.5	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 12000	61.3	62.4	64.2	65.6	66.4	66.4	67.1	67.1	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 10000	63.4	64.5	66.6	68.0	68.8	68.8	69.5	69.5	69.5	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 9000	64.2	65.3	67.4	68.8	69.7	69.7	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 8000	66.0	67.1	69.2	70.5	71.4	71.4	72.1	72.1	72.1	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 7000	70.4	71.5	73.9	75.3	76.2	76.2	77.0	77.0	77.0	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 6000	72.6	73.8	76.2	77.5	78.5	78.5	79.2	79.2	79.2	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 5000	76.8	77.9	80.5	81.9	82.9	82.9	83.6	83.6	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	77.2	78.3	80.9	82.3	83.3	83.3	84.0	84.0	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 4000	82.4	83.5	86.1	87.5	88.5	88.5	89.2	89.2	89.2	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3500	83.2	84.3	86.9	88.2	89.3	89.3	90.0	90.0	90.0	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	87.4	88.5	91.2	92.6	93.6	93.6	94.4	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	89.0	90.1	93.1	94.5	95.5	95.5	96.3	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	90.1	91.2	94.5	95.9	97.0	97.0	98.0	98.1	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1800	90.2	91.3	94.6	96.0	97.1	97.1	98.2	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	90.4	91.5	95.0	96.4	97.5	97.5	98.7	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	90.5	91.6	95.1	96.5	97.7	97.7	98.8	99.0	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 1000	90.5	91.6	95.2	96.6	98.0	98.0	99.1	99.3	99.3	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	90.6	91.7	95.3	96.7	98.0	98.0	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	90.6	91.7	95.3	96.7	98.1	98.1	99.2	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	90.6	91.7	95.4	96.7	98.2	98.2	99.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 600	90.6	91.7	95.4	96.7	98.2	98.2	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	90.6	91.7	95.4	96.8	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	90.6	91.7	95.4	96.8	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	90.6	91.7	95.4	96.8	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	90.6	91.7	95.4	96.8	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	90.6	91.7	95.4	96.8	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	90.6	91.7	95.4	96.8	98.3	98.3	99.5	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 2244

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 20000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT TUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 20000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 57

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.8	41.8	42.7	42.7	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.8
GE 20000	41.8	41.8	42.7	42.7	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.8
GE 18000	41.8	41.8	42.7	42.7	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.8
GE 16000	41.8	41.8	42.7	42.7	42.7	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.8
GE 14000	42.5	42.5	43.5	43.5	43.5	43.5	43.8	43.8	43.8	44.0	44.0	44.0	44.0	44.0	44.0	44.6
GE 12000	43.1	43.1	44.2	44.2	44.2	44.2	44.4	44.4	44.4	44.6	44.6	44.6	44.6	44.6	44.6	45.3
GE 10000	47.4	47.4	48.5	48.5	48.5	48.5	48.7	48.7	48.7	48.9	48.9	48.9	48.9	48.9	48.9	49.6
GE 9000	47.6	47.6	48.7	48.7	48.7	48.7	48.9	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.1	49.8
GE 8000	48.3	48.3	49.4	49.4	49.4	49.4	49.6	49.6	49.6	49.8	49.8	49.8	49.8	49.8	49.8	50.4
GE 7000	52.8	52.8	53.9	53.9	54.1	54.1	54.7	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.6
GE 6000	55.8	55.8	56.9	56.9	57.1	57.1	57.8	57.8	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.6
GE 5000	62.1	62.1	63.1	63.1	63.4	63.4	64.0	64.0	64.0	64.4	64.4	64.4	64.4	64.4	64.7	65.3
GE 4500	63.1	63.1	64.2	64.2	64.4	64.4	65.1	65.1	65.1	65.5	65.5	65.5	65.5	65.5	65.7	66.4
GE 4000	68.5	68.5	69.6	69.6	69.8	69.8	70.5	70.5	70.5	70.9	70.9	70.9	70.9	70.9	71.1	71.8
GE 3500	70.5	70.5	71.6	71.6	71.8	71.8	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	73.1	73.7
GE 3000	80.2	80.2	81.9	81.9	82.3	82.3	83.0	83.0	83.0	83.4	83.4	83.4	83.4	83.4	83.8	84.5
GE 2500	81.9	81.9	83.8	84.1	84.7	84.7	85.3	85.3	85.3	85.8	85.8	85.8	85.8	85.8	86.2	86.9
GE 2000	86.0	86.0	87.9	88.1	88.8	88.8	89.4	89.4	89.4	90.3	90.3	90.3	90.3	90.3	90.7	91.4
GE 1800	86.4	86.4	88.4	88.6	89.2	89.2	89.9	89.9	89.9	90.7	90.7	90.7	90.7	90.7	91.2	91.8
GE 1500	87.5	87.5	89.9	90.1	90.9	90.9	91.6	91.8	91.8	92.9	92.9	92.9	92.9	92.9	93.3	94.0
GE 1200	87.9	87.9	90.5	90.7	91.6	91.6	92.5	92.7	92.7	93.8	93.8	93.8	93.8	93.8	94.2	94.8
GE 1000	89.4	89.4	92.0	92.2	93.1	93.1	94.0	94.2	94.2	95.3	95.3	95.3	95.3	95.3	95.7	96.3
GE 900	89.4	89.4	92.0	92.2	93.1	93.1	94.0	94.2	94.2	95.3	95.3	95.3	95.3	95.3	95.7	96.3
GE 800	89.4	89.4	92.2	92.5	93.3	93.3	94.2	94.4	94.4	95.5	95.5	95.5	95.5	95.5	96.1	96.8
GE 700	89.4	89.4	92.2	92.5	93.3	93.3	94.2	94.6	94.6	95.7	95.7	95.7	95.7	95.7	96.3	97.0
GE 600	90.3	90.5	93.5	94.0	94.8	94.8	95.7	96.1	96.3	97.4	97.4	97.4	97.4	97.4	98.5	99.1
GE 500	90.5	90.7	93.8	94.2	95.0	95.0	95.9	96.3	96.6	97.6	97.6	97.6	97.6	97.6	98.7	99.4
GE 400	90.7	90.9	94.0	94.4	95.3	95.3	96.1	96.6	96.8	97.8	97.8	97.8	97.8	97.8	98.9	99.6
GE 300	90.7	90.9	94.0	94.4	95.3	95.3	96.1	96.6	96.8	97.8	97.8	97.8	97.8	97.8	99.1	99.8
GE 200	90.7	90.9	94.0	94.4	95.3	95.3	96.1	96.6	96.8	97.8	97.8	97.8	97.8	97.8	99.1	99.8
GE 100	90.7	90.9	94.0	94.4	95.3	95.3	96.1	96.6	96.8	97.8	97.8	97.8	97.8	97.8	99.4	100.0
GE 000	90.7	90.9	94.0	94.4	95.3	95.3	96.1	96.6	96.8	97.8	97.8	97.8	97.8	97.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 464

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 0-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.1	52.1	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 20000	52.1	52.1	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	52.1	52.1	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 16000	52.1	52.1	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 14000	53.9	53.9	54.3	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 12000	55.3	55.3	55.7	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 10000	56.6	56.6	57.1	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 9000	57.1	57.1	57.5	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 8000	59.4	59.4	59.8	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	63.5	63.5	63.9	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	68.0	68.0	68.5	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 5000	71.7	71.7	72.1	72.6	72.6	72.6	72.6	72.6	72.6	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 4500	73.1	73.1	73.5	74.0	74.0	74.0	74.0	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	77.2	77.2	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	79.5	79.5	79.9	80.4	80.4	80.4	80.4	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	83.6	83.6	84.0	84.5	84.5	84.5	84.5	84.5	84.5	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 2500	84.0	84.0	84.5	84.9	84.9	84.9	84.9	84.9	84.9	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 2000	88.1	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	88.1	88.1	88.6	89.0	89.0	89.0	89.0	89.0	89.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	90.0	90.0	90.9	91.3	91.8	91.8	91.8	91.8	91.8	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 1200	90.4	90.9	91.8	92.2	92.7	92.7	92.7	92.7	92.7	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	92.2	93.2	95.4	96.3	96.8	96.8	96.8	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	92.2	93.2	95.4	96.3	96.8	96.8	96.8	96.8	96.8	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 800	92.7	93.6	95.9	96.8	97.3	97.3	97.3	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	92.7	93.6	95.9	96.8	97.3	97.3	97.3	97.3	97.3	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.2	94.1	96.8	97.7	98.6	98.6	99.1	99.1	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 219

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.1	36.4	37.3	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 20000	36.4	36.7	37.6	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 18000	37.3	37.6	38.4	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 16000	37.6	37.9	38.7	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0
GE 14000	39.0	39.3	40.2	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 12000	39.6	39.9	40.8	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0	41.0
GE 10000	42.8	43.1	43.9	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 9000	44.5	44.8	45.7	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 8000	47.4	47.7	48.6	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 7000	50.6	50.9	51.7	52.0	52.3	52.3	52.6	52.6	52.6	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	57.5	57.8	58.7	59.0	59.2	59.2	59.5	59.5	59.5	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 5000	60.7	61.0	61.8	62.1	62.4	62.4	62.7	62.7	62.7	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	61.0	61.3	62.1	62.4	62.7	62.7	63.0	63.0	63.0	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4000	69.7	69.9	70.8	71.1	71.4	71.4	71.7	71.7	71.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3500	70.2	70.5	71.4	71.7	72.0	72.0	72.3	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	82.1	82.4	83.2	83.5	83.8	83.8	84.1	84.1	84.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	85.0	85.3	86.1	86.4	87.0	87.0	87.3	87.3	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 2000	86.7	87.0	88.2	88.4	89.0	89.0	89.9	89.9	89.9	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	87.3	87.6	88.7	89.0	89.9	89.9	90.8	90.8	90.8	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 1500	89.3	89.6	90.8	91.0	92.2	92.2	93.1	93.1	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1200	91.3	91.6	92.8	93.1	94.2	94.2	95.1	95.1	95.1	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1000	92.5	93.1	94.5	95.1	96.5	96.5	97.4	97.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	93.1	93.6	95.1	95.7	97.1	97.1	98.0	98.0	98.0	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 800	93.9	94.5	96.2	96.8	98.3	98.3	99.1	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	94.2	94.8	96.5	97.1	98.6	98.6	99.4	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.5	95.1	96.8	97.4	98.8	98.8	99.7	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 346

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	45.5	46.7	47.5	47.9	48.3	48.3	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 20000	46.7	47.9	48.8	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 18000	46.7	47.9	48.8	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 16000	46.7	47.9	48.8	49.2	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 14000	48.3	49.6	50.8	51.2	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 12000	48.3	49.6	50.8	51.2	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 10000	51.2	52.5	53.7	54.1	54.5	54.5	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 9000	51.7	52.9	54.1	54.5	55.0	55.0	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 8000	54.5	55.8	57.0	57.4	57.9	57.9	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 7000	57.4	58.7	59.9	60.3	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 6000	62.8	64.0	65.3	65.7	66.1	66.1	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 5000	65.3	66.5	67.8	68.2	68.6	68.6	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	65.7	66.9	68.2	68.6	69.0	69.0	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	73.6	74.8	76.0	76.4	76.9	76.9	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 3500	74.4	75.6	76.9	77.3	77.7	77.7	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	81.8	83.1	84.3	84.7	85.1	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 2500	84.7	86.0	87.2	88.0	88.4	88.4	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	88.4	89.7	90.9	91.7	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	88.4	89.7	90.9	91.7	92.6	92.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	89.3	90.5	92.6	93.4	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1200	90.5	91.7	93.8	94.6	95.5	95.5	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1000	91.3	92.6	95.0	95.9	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 900	92.1	93.4	96.3	97.5	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	92.1	93.4	96.7	97.9	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	92.1	93.4	96.7	97.9	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 600	92.1	93.4	96.7	97.9	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	92.6	93.8	97.1	98.3	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.6	93.8	97.1	98.3	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.6	93.8	97.1	98.3	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.6	93.8	97.1	98.3	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.6	93.8	97.1	98.3	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.6	93.8	97.1	98.3	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 242

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.9	42.3	43.6	43.6	44.0	44.0	44.0	44.0	44.0	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	43.6	44.0	45.2	45.2	45.6	45.6	45.6	45.6	45.6	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 18000	44.4	44.8	46.1	46.1	46.5	46.5	46.5	46.5	46.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 16000	44.4	44.8	46.1	46.1	46.5	46.5	46.5	46.5	46.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 14000	46.1	46.9	48.5	49.0	49.4	49.4	49.4	49.4	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 12000	46.1	46.9	48.5	49.0	49.4	49.4	49.4	49.4	49.4	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 10000	47.7	48.5	50.2	50.6	51.0	51.0	51.0	51.0	51.0	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 9000	49.4	50.2	51.9	52.3	52.7	52.7	52.7	52.7	52.7	53.5	53.5	53.5	53.5	53.5	53.5	53.5
GE 8000	50.6	51.5	53.1	53.5	53.9	53.9	53.9	53.9	53.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	55.6	56.4	58.1	58.5	58.9	58.9	58.9	58.9	58.9	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 6000	58.9	59.8	61.4	61.8	62.2	62.2	62.2	62.2	62.2	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	65.6	66.4	68.0	68.5	68.9	68.9	69.3	69.3	69.3	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4500	65.6	66.4	68.0	68.5	68.9	68.9	69.3	69.3	69.3	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 4000	75.5	76.3	78.4	79.3	79.7	79.7	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3500	75.5	76.3	78.4	79.3	79.7	79.7	80.1	80.1	80.1	80.9	80.9	80.9	80.9	80.9	80.9	80.9
GE 3000	82.6	83.4	86.3	87.1	87.6	87.6	88.0	88.0	88.0	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	84.6	85.5	89.2	90.0	90.9	90.9	91.3	91.3	91.3	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	88.4	89.2	92.9	93.8	94.6	94.6	95.0	95.0	95.0	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	89.2	90.0	93.8	94.6	95.4	95.4	95.9	95.9	95.9	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	89.6	90.5	94.6	95.4	96.3	96.3	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1200	89.6	90.5	94.6	95.4	96.3	96.3	96.7	96.7	96.7	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	91.7	92.5	96.7	97.5	98.3	98.3	98.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	92.1	92.9	97.1	97.9	98.8	98.8	99.2	99.2	99.2	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 241

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.9	60.7	61.3	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 20000	62.5	64.3	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 18000	62.5	64.3	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 16000	62.5	64.3	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 14000	62.5	64.3	64.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 12000	63.1	64.9	65.5	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 10000	64.9	66.7	67.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 9000	64.9	66.7	67.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 8000	65.5	67.3	67.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	69.6	71.4	72.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 6000	73.2	75.0	75.6	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8	76.8
GE 5000	78.6	80.4	81.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 4500	79.8	81.5	82.1	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 4000	83.3	85.1	85.7	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3500	83.9	85.7	86.3	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5	87.5
GE 3000	89.9	91.7	92.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2500	91.7	94.0	94.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2000	92.9	95.2	96.4	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	92.9	95.2	96.4	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	93.5	95.8	97.0	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	93.5	95.8	97.0	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.6	97.0	98.2	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 168

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.9	47.4	48.1	48.4	48.5	48.5	48.6	48.6	48.6	48.8	48.8	48.8	48.8	48.8	48.8	49.0
GE 20000	48.6	49.1	49.9	50.2	50.3	50.3	50.4	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.8
GE 18000	48.9	49.4	50.2	50.5	50.6	50.6	50.7	50.7	50.7	50.9	50.9	50.9	50.9	50.9	50.9	51.0
GE 16000	49.0	49.5	50.3	50.5	50.6	50.6	50.8	50.8	50.8	50.9	50.9	50.9	50.9	50.9	50.9	51.1
GE 14000	50.1	50.6	51.6	51.9	52.0	52.0	52.1	52.1	52.1	52.3	52.3	52.3	52.3	52.3	52.3	52.5
GE 12000	50.6	51.1	52.1	52.4	52.5	52.5	52.6	52.6	52.6	52.8	52.8	52.8	52.8	52.8	52.8	53.0
GE 10000	53.3	53.8	54.8	55.1	55.2	55.2	55.3	55.3	55.3	55.5	55.5	55.5	55.5	55.5	55.5	55.6
GE 9000	54.0	54.5	55.5	55.8	55.9	55.9	56.0	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.4
GE 8000	55.6	56.1	57.1	57.4	57.5	57.5	57.6	57.6	57.6	57.8	57.8	57.8	57.8	57.8	57.8	58.0
GE 7000	59.3	59.9	60.8	61.1	61.4	61.4	61.6	61.6	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.0
GE 6000	63.5	64.0	65.0	65.3	65.5	65.5	65.8	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.2
GE 5000	67.9	68.4	69.4	69.7	69.9	69.9	70.3	70.3	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.9
GE 4500	68.5	69.1	70.0	70.4	70.6	70.6	71.0	71.0	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.5
GE 4000	74.8	75.4	76.4	76.8	77.0	77.0	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.9
GE 3500	75.9	76.4	77.4	77.8	78.0	78.0	78.4	78.4	78.4	78.8	78.8	78.8	78.8	78.8	78.8	79.0
GE 3000	83.7	84.2	85.5	85.9	86.2	86.2	86.5	86.5	86.5	86.9	86.9	86.9	86.9	86.9	87.0	87.2
GE 2500	85.5	86.2	87.6	88.1	88.5	88.5	88.9	88.9	88.9	89.3	89.3	89.3	89.3	89.3	89.4	89.6
GE 2000	88.5	89.2	90.7	91.2	91.8	91.8	92.3	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.9	93.1
GE 1800	88.9	89.5	91.1	91.6	92.2	92.2	92.7	92.7	92.7	93.2	93.2	93.2	93.2	93.2	93.3	93.4
GE 1500	90.0	90.6	92.5	93.0	93.8	93.8	94.3	94.3	94.3	94.9	94.9	94.9	94.9	94.9	95.0	95.2
GE 1200	90.7	91.4	93.3	93.8	94.6	94.6	95.2	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.9	96.1
GE 1000	92.1	92.8	95.1	95.7	96.5	96.5	97.1	97.1	97.1	97.7	97.7	97.7	97.7	97.7	97.8	97.9
GE 900	92.3	93.1	95.4	96.1	96.9	96.9	97.4	97.5	97.5	98.1	98.1	98.1	98.1	98.1	98.2	98.3
GE 800	92.6	93.3	95.8	96.4	97.3	97.3	97.8	97.9	97.9	98.4	98.4	98.4	98.4	98.4	98.6	98.8
GE 700	92.6	93.4	95.8	96.5	97.3	97.3	97.9	98.0	98.0	98.6	98.6	98.6	98.6	98.6	98.7	98.9
GE 600	92.9	93.8	96.3	97.1	97.9	97.9	98.6	98.7	98.7	99.3	99.3	99.3	99.3	99.3	99.6	99.7
GE 500	93.1	93.9	96.4	97.2	98.1	98.1	98.7	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.7	99.8
GE 400	93.1	93.9	96.5	97.2	98.1	98.1	98.7	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.7	99.9
GE 300	93.1	93.9	96.5	97.2	98.1	98.1	98.7	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.8	99.9
GE 200	93.1	93.9	96.5	97.2	98.1	98.1	98.7	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.8	99.9
GE 100	93.1	93.9	96.5	97.2	98.1	98.1	98.7	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.8	100.0
GE 000	93.1	93.9	96.5	97.2	98.1	98.1	98.7	98.8	98.9	99.4	99.4	99.4	99.4	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1799

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 20000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 18000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 16000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 14000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 12000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 10000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 9000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 8000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 7000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 6000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 5000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 4500	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 4000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 3500	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 3000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 2500	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 2000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 1800	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 1500	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 1200	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 1000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 900	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 800	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 700	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 600	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 500	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 400	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 300	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 200	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 100	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0
GE 000	87.1	90.0	91.4	95.7	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 70

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 20000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 18000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 16000	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 14000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 12000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 10000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 9000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 8000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 7000	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 6000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 68

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES																
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0	
NO CEIL	38.3	38.3	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.2	39.2	39.6	40.3
GE 20000	38.3	38.3	38.5	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	39.2	39.2	39.6	40.3
GE 18000	38.7	38.7	39.0	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.6	39.6	40.1	40.8
GE 16000	39.0	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.9	39.9	40.3	41.0
GE 14000	39.0	39.0	39.2	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.9	39.9	40.3	41.0
GE 12000	39.4	39.4	39.6	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.3	40.3	40.8	41.4
GE 10000	42.6	42.6	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.5	43.5	43.9	44.6
GE 9000	43.7	43.7	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.6	44.6	45.0	45.7
GE 8000	44.6	44.6	44.8	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.5	45.5	45.9	46.6
GE 7000	47.7	47.7	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.6	48.6	49.1	49.8
GE 6000	51.6	51.6	51.8	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.5	52.5	52.9	53.6
GE 5000	57.9	57.9	58.3	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	59.0	59.0	59.5	60.1
GE 4500	59.5	59.5	59.9	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.1	60.6	60.6	61.0	61.9
GE 4000	64.9	64.9	65.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	66.0	66.0	66.4	67.3
GE 3500	66.9	66.9	67.3	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	68.0	68.0	68.5	69.4
GE 3000	76.4	76.4	77.3	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.5	77.9	77.9	78.4	79.5
GE 2500	77.7	77.7	78.6	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.5	79.5	80.0	81.1
GE 2000	88.7	88.7	89.6	90.1	90.5	90.5	90.8	90.8	90.8	90.8	90.8	90.8	90.8	91.2	91.2	91.7	92.8
GE 1800	89.0	89.0	89.9	90.3	90.8	90.8	91.2	91.2	91.2	91.2	91.2	91.2	91.2	91.7	91.7	92.1	93.2
GE 1500	90.3	90.3	91.2	91.7	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8	93.2	93.2	93.7	94.8
GE 1200	90.8	90.8	91.7	92.1	93.0	93.0	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.9	93.9	94.4	95.5
GE 1000	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.4	96.4	97.1	98.2
GE 900	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.5	98.6
GE 800	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.5	98.6
GE 700	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	98.9
GE 600	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	98.9
GE 500	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	99.3
GE 400	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	99.5
GE 300	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	99.8
GE 200	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	99.8
GE 100	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	97.7	99.8
GE 000	93.2	93.2	94.1	94.6	95.5	95.5	95.9	95.9	95.9	95.9	95.9	95.9	95.9	96.8	96.8	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 444

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	52.9	53.4	53.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 20000	52.9	53.4	53.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 18000	53.4	53.8	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	53.4	53.8	54.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	54.3	54.8	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	54.3	54.8	55.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 10000	55.8	56.3	56.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	56.7	57.2	57.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 8000	57.2	57.7	58.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 7000	59.6	60.1	60.6	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 6000	62.0	62.5	63.0	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 5000	64.9	65.4	65.9	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	67.3	67.8	68.3	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 4000	75.5	76.0	76.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 3500	76.0	76.4	77.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	84.6	85.1	86.1	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 2500	85.6	86.1	87.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 2000	90.9	91.3	93.3	94.2	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 1800	91.8	92.3	94.2	95.2	95.7	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1500	92.3	92.8	94.7	95.7	96.6	97.1	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	93.3	93.8	95.7	96.6	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	93.8	94.2	96.2	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	93.8	94.2	96.2	97.1	98.1	98.6	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.8	94.7	97.1	98.1	99.0	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 208

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.9	42.9	42.9	43.2	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 20000	42.9	42.9	42.9	43.2	43.5	43.5	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 18000	43.5	43.5	43.5	43.8	44.1	44.1	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
GE 16000	43.8	43.8	43.8	44.1	44.4	44.4	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 14000	44.7	44.7	44.7	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 12000	45.3	45.3	45.3	45.7	46.0	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.3
GE 10000	48.8	48.8	48.8	49.1	49.4	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 9000	50.0	50.0	50.0	50.3	50.6	50.6	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 8000	50.3	50.3	50.3	50.6	50.9	50.9	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 7000	51.9	51.9	51.9	52.2	52.5	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 6000	54.0	54.0	54.0	54.3	54.7	54.7	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 5000	61.5	61.5	61.5	61.8	62.1	62.1	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.7
GE 4500	63.4	63.4	63.4	63.7	64.0	64.0	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.6
GE 4000	70.2	70.2	70.2	70.5	70.8	70.8	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.4
GE 3500	73.6	73.6	73.6	73.9	74.2	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.8
GE 3000	82.0	82.0	82.0	82.3	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	83.2
GE 2500	85.7	85.7	85.7	86.0	86.3	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	87.0
GE 2000	93.8	93.8	93.8	94.1	94.4	94.4	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	95.0
GE 1800	95.0	95.0	95.0	95.3	96.0	96.0	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.6
GE 1500	95.3	95.3	95.3	95.7	96.3	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.9
GE 1200	95.7	95.7	95.7	96.0	96.6	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	97.2
GE 1000	96.6	96.6	96.6	97.2	97.8	97.8	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.4
GE 900	96.6	96.6	96.6	97.2	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1
GE 800	96.6	96.6	96.6	97.2	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1
GE 700	96.6	96.6	96.6	97.2	98.1	98.1	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	99.1
GE 600	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 500	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 400	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 300	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 200	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 100	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0
GE 000	97.2	97.2	97.2	97.8	98.8	98.8	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 322

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	53.0	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	53.0	53.0	53.0	53.0	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 18000	53.4	53.4	53.4	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 16000	53.4	53.4	53.4	53.4	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 14000	55.2	55.2	55.2	55.2	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	55.6	55.6	55.6	55.6	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
GE 10000	57.3	57.3	57.3	57.3	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 9000	59.1	59.1	59.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 8000	59.9	59.9	59.9	59.9	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 7000	62.9	62.9	62.9	62.9	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 6000	66.8	66.8	66.8	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 5000	72.4	72.4	72.4	72.4	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	74.1	74.1	74.1	74.1	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4000	80.2	80.2	80.2	80.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	81.0	81.0	81.0	81.0	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 3000	88.4	88.4	88.4	88.4	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	89.2	89.2	89.2	89.2	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 2000	95.3	95.3	95.3	95.3	95.7	95.7	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1800	96.1	96.1	96.1	96.1	96.6	96.6	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	97.0	97.0	97.0	97.0	97.4	97.4	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	97.4	97.4	97.4	97.4	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	98.7	98.7	98.7	98.7	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	99.1	99.1	99.1	99.1	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 232

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: SEP HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.8	54.8	55.2	56.0	56.4	56.4	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 20000	55.6	55.6	56.0	56.8	57.3	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 18000	55.6	55.6	56.0	56.8	57.3	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 16000	55.6	55.6	56.0	56.8	57.3	57.3	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 14000	56.8	56.8	57.3	58.1	58.5	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 12000	56.8	56.8	57.3	58.1	58.5	58.5	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 10000	58.9	58.9	59.3	60.2	60.6	60.6	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	59.3	59.3	59.8	60.6	61.0	61.0	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 8000	61.0	61.0	61.4	62.2	62.7	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	65.6	65.6	66.0	66.8	67.2	67.2	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 6000	68.0	68.0	68.5	69.3	69.7	69.7	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 5000	75.1	75.1	75.5	76.3	76.8	76.8	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4500	75.9	75.9	76.3	77.2	77.6	77.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4000	78.8	78.8	79.3	80.1	80.5	80.5	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3	81.3
GE 3500	80.5	80.5	80.9	81.7	82.2	82.2	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 3000	88.4	88.4	88.8	89.6	90.0	90.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	88.8	88.8	89.2	90.0	90.5	90.5	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
GE 2000	94.2	94.2	95.4	96.3	96.7	96.7	97.5	97.5	97.5	97.5	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	95.0	95.0	96.3	97.1	97.5	97.5	98.3	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	95.4	95.4	97.1	97.9	98.3	98.3	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 1200	95.4	95.4	97.1	97.9	98.3	98.3	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 1000	95.4	95.4	97.1	97.9	98.3	98.3	99.2	99.2	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	95.9	95.9	97.5	98.3	98.8	98.8	99.6	99.6	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 241

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	51.0	51.5	51.9	52.4	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.6
GE 20000	51.1	51.6	52.0	52.5	53.0	53.0	53.2	53.2	53.2	53.2	53.2	53.2	53.3	53.3	53.5	53.7
GE 18000	51.5	52.0	52.3	52.9	53.3	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7	53.8	54.0
GE 16000	51.6	52.1	52.4	53.0	53.5	53.5	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.9	54.1
GE 14000	52.3	52.8	53.2	53.7	54.2	54.2	54.4	54.4	54.4	54.4	54.4	54.4	54.5	54.5	54.7	54.9
GE 12000	52.6	53.1	53.5	54.0	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.8	54.8	54.9	55.2
GE 10000	54.9	55.4	55.7	56.3	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.2	57.5
GE 9000	55.8	56.4	56.7	57.3	57.7	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.2	58.4
GE 8000	56.6	57.2	57.5	58.1	58.5	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9	59.0	59.2
GE 7000	59.0	59.7	60.1	60.7	61.1	61.1	61.3	61.3	61.3	61.3	61.3	61.3	61.5	61.5	61.6	61.8
GE 6000	61.8	62.6	63.0	63.5	64.0	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3	64.4	64.7
GE 5000	67.1	67.9	68.3	68.8	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5	69.6	69.6	69.8	70.0
GE 4500	68.6	69.5	69.9	70.4	70.9	70.9	71.1	71.1	71.1	71.1	71.1	71.1	71.2	71.2	71.4	71.7
GE 4000	73.6	74.5	75.0	75.5	76.0	76.0	76.2	76.2	76.2	76.2	76.2	76.2	76.3	76.3	76.4	76.8
GE 3500	75.2	76.2	76.6	77.2	77.6	77.6	77.9	77.9	77.9	77.9	77.9	77.9	78.0	78.0	78.1	78.4
GE 3000	83.1	84.1	84.7	85.2	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9	86.0	86.0	86.2	86.6
GE 2500	84.6	85.5	86.1	86.7	87.2	87.2	87.4	87.4	87.4	87.4	87.4	87.4	87.5	87.5	87.7	88.1
GE 2000	91.5	92.6	93.4	94.0	94.6	94.6	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.3	95.7
GE 1800	92.1	93.2	94.1	94.7	95.4	95.4	95.8	95.8	95.8	95.8	95.8	95.9	95.9	96.0	96.1	96.5
GE 1500	92.8	93.9	94.9	95.5	96.3	96.3	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.1	97.5
GE 1200	93.1	94.2	95.2	95.8	96.7	96.7	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.5	97.9
GE 1000	94.2	95.3	96.2	96.9	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.5	98.5	98.6	99.0
GE 900	94.3	95.4	96.3	97.0	97.9	98.0	98.5	98.5	98.5	98.5	98.5	98.6	98.6	98.8	98.8	99.4
GE 800	94.3	95.4	96.5	97.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.9	98.9	99.5
GE 700	94.3	95.4	96.5	97.1	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.7	98.7	98.9	98.9	99.5
GE 600	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.7
GE 500	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.8
GE 400	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.9
GE 300	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.9
GE 200	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.9
GE 100	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	99.9
GE 000	94.4	95.5	96.6	97.3	98.2	98.2	98.7	98.8	98.8	98.8	98.8	98.9	98.9	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1749

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	56.1	59.8	61.0	61.6	63.4	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 20000	56.1	59.8	61.0	61.6	63.4	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 18000	56.1	59.8	61.0	61.6	63.4	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 16000	56.1	59.8	61.0	61.6	63.4	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 14000	56.1	59.8	61.0	61.6	63.4	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 12000	56.1	59.8	61.0	61.6	63.4	63.4	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 10000	57.9	61.6	62.8	63.4	65.2	65.2	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 9000	57.9	62.2	63.4	64.0	65.9	65.9	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 8000	59.1	63.4	64.6	65.2	67.1	67.1	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 7000	59.1	65.2	66.5	67.1	68.9	68.9	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 6000	61.6	68.3	69.5	70.1	72.0	72.0	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
GE 5000	64.0	70.7	72.0	72.6	74.4	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4500	65.9	73.2	74.4	75.0	76.8	76.8	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 4000	68.3	75.6	76.8	77.4	79.3	79.3	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
GE 3500	68.9	76.8	78.0	78.7	80.5	80.5	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3000	78.0	86.6	87.8	88.4	90.2	90.2	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	79.3	87.8	89.0	89.6	91.5	91.5	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	84.1	93.9	95.1	95.7	97.6	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	84.1	93.9	95.7	96.3	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	84.8	94.5	97.0	97.6	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 164

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	10.0	100.0	100.0	100.0
GE 12000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	98.1	98.1	98.1	98.1	98.1	98.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 52

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 20000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 18000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 16000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 14000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 12000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 10000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 9000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 8000	83.6	83.6	83.6	85.1	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 7000	85.1	85.1	85.1	86.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 6000	85.1	85.1	85.1	86.6	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 5000	86.6	86.6	86.6	88.1	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 4500	88.1	88.1	88.1	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 4000	88.1	88.1	88.1	89.6	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0	91.0
GE 3500	91.0	91.0	91.0	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 3000	91.0	91.0	91.0	92.5	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	92.5	92.5	92.5	94.0	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 2000	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1200	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1000	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 600	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 500	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 300	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 200	94.0	94.0	94.0	97.0	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 100	94.0	94.0	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.0	94.0	94.0	97.0	98.5	98.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 67

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	39.3	39.3	39.8	39.8	40.9	40.9	41.2	41.2	41.2	41.9	41.9	41.9	43.1	43.1	43.8	43.8
GE 20000	39.3	39.3	39.8	39.8	40.9	40.9	41.2	41.2	41.2	41.9	41.9	41.9	43.1	43.1	43.8	43.8
GE 18000	39.3	39.3	39.8	39.8	40.9	40.9	41.2	41.2	41.2	41.9	41.9	41.9	43.1	43.1	43.8	43.8
GE 16000	39.3	39.3	39.8	39.8	40.9	40.9	41.2	41.2	41.2	41.9	41.9	41.9	43.1	43.1	43.8	43.8
GE 14000	39.3	39.3	39.8	39.8	40.9	40.9	41.2	41.2	41.2	41.9	41.9	41.9	43.1	43.1	43.8	43.8
GE 12000	39.3	39.3	39.8	39.8	40.9	40.9	41.2	41.2	41.2	41.9	41.9	41.9	43.1	43.1	43.8	43.8
GE 10000	39.8	39.8	40.2	40.2	41.4	41.4	41.6	41.6	41.6	42.4	42.4	42.4	43.5	43.5	44.2	44.2
GE 9000	39.8	39.8	40.2	40.2	41.4	41.4	41.6	41.6	41.6	42.4	42.4	42.4	43.5	43.5	44.2	44.2
GE 8000	40.5	40.5	40.9	40.9	42.1	42.1	42.4	42.4	42.4	43.1	43.1	43.1	44.2	44.2	44.9	44.9
GE 7000	41.4	41.4	41.9	41.9	43.1	43.1	43.3	43.3	43.3	44.0	44.0	44.0	45.2	45.2	45.9	45.9
GE 6000	45.9	45.9	46.4	46.4	47.5	47.5	47.8	47.8	47.8	48.5	48.5	48.5	49.6	49.6	50.4	50.4
GE 5000	49.2	49.2	49.6	49.6	50.8	50.8	51.1	51.1	51.1	51.8	51.8	51.8	52.9	52.9	53.6	53.6
GE 4500	50.1	50.1	50.6	50.6	51.8	51.8	52.0	52.0	52.0	52.7	52.7	52.7	53.9	53.9	54.6	54.6
GE 4000	57.6	57.6	58.4	58.4	59.5	59.5	59.8	59.8	59.8	60.5	60.5	60.5	61.6	61.6	62.4	62.4
GE 3500	59.5	59.5	60.2	60.2	61.4	61.4	61.6	61.6	61.6	62.4	62.4	62.4	63.5	63.5	64.2	64.2
GE 3000	68.5	68.5	69.9	69.9	71.1	71.1	71.3	71.3	71.3	72.2	72.2	72.2	73.4	73.4	74.1	74.1
GE 2500	71.5	71.5	73.2	73.2	74.4	74.4	74.6	74.6	74.6	75.5	75.5	75.5	76.7	76.7	77.4	77.4
GE 2000	80.0	80.2	82.6	82.8	84.5	84.5	84.7	84.7	84.7	85.9	85.9	85.9	87.1	87.1	88.0	88.2
GE 1800	80.0	80.2	82.8	83.1	84.7	84.7	84.9	84.9	84.9	86.1	86.1	86.1	87.3	87.3	88.2	88.5
GE 1500	80.9	81.2	84.0	84.2	86.4	86.4	86.6	86.6	86.6	88.2	88.5	88.5	89.6	89.6	90.6	90.8
GE 1200	80.9	81.2	84.2	84.5	86.6	86.6	86.8	86.8	86.8	88.5	88.7	88.7	89.9	89.9	90.8	91.1
GE 1000	84.0	84.2	87.5	87.8	90.4	90.4	90.8	90.8	90.8	92.7	92.9	92.9	94.1	94.1	95.1	95.3
GE 900	84.0	84.2	87.5	87.8	90.4	90.4	90.8	90.8	90.8	92.7	92.9	92.9	94.1	94.1	95.1	95.3
GE 800	84.0	84.2	87.8	88.0	90.6	90.6	91.1	91.1	91.1	93.2	93.6	93.6	95.5	95.5	96.5	96.7
GE 700	84.9	85.2	88.7	88.9	91.5	91.5	92.0	92.0	92.0	94.1	94.6	94.6	96.7	96.7	97.6	97.9
GE 600	84.9	85.2	88.7	88.9	91.5	91.5	92.0	92.0	92.0	94.4	94.8	94.8	96.9	96.9	97.9	98.1
GE 500	84.9	85.2	88.7	88.9	91.8	91.8	92.2	92.5	92.5	95.1	95.5	95.5	97.9	97.9	99.1	99.5
GE 400	84.9	85.2	88.7	88.9	91.8	91.8	92.2	92.5	92.5	95.1	95.5	95.5	97.9	97.9	99.1	99.8
GE 300	84.9	85.2	88.7	88.9	91.8	91.8	92.2	92.5	92.5	95.1	95.5	95.5	97.9	97.9	99.1	99.8
GE 200	84.9	85.2	88.7	88.9	91.8	91.8	92.2	92.5	92.5	95.1	95.5	95.5	97.9	97.9	99.1	100.0
GE 100	84.9	85.2	88.7	88.9	91.8	91.8	92.2	92.5	92.5	95.1	95.5	95.5	97.9	97.9	99.1	100.0
GE 000	84.9	85.2	88.7	88.9	91.8	91.8	92.2	92.5	92.5	95.1	95.5	95.5	97.9	97.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 425

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.4	42.9	43.4	43.4	43.9	43.9	44.9	44.9	44.9	46.5	46.5	46.5	47.0	47.0	47.5	47.5
GE 20000	42.9	43.4	43.9	43.9	44.4	44.4	45.5	45.5	45.5	47.0	47.0	47.0	47.5	47.5	48.0	48.0
GE 18000	43.4	43.9	44.4	44.4	44.9	44.9	46.0	46.0	46.0	47.5	47.5	47.5	48.0	48.0	48.5	48.5
GE 16000	43.4	43.9	44.4	44.4	44.9	44.9	46.0	46.0	46.0	47.5	47.5	47.5	48.0	48.0	48.5	48.5
GE 14000	43.4	43.9	44.4	44.4	44.9	44.9	46.0	46.0	46.0	47.5	47.5	47.5	48.0	48.0	48.5	48.5
GE 12000	43.9	44.4	44.9	44.9	45.5	45.5	46.5	46.5	46.5	48.0	48.0	48.0	48.5	48.5	49.0	49.0
GE 10000	44.9	45.5	46.0	46.0	46.5	46.5	47.5	47.5	47.5	49.0	49.0	49.0	49.5	49.5	50.0	50.0
GE 9000	44.9	45.5	47.0	47.0	47.5	47.5	48.5	48.5	48.5	50.0	50.0	50.0	50.5	50.5	51.0	51.0
GE 8000	45.5	46.0	47.5	47.5	48.0	48.0	49.0	49.0	49.0	50.5	50.5	50.5	51.0	51.0	51.5	51.5
GE 7000	47.0	47.5	49.0	49.0	49.5	49.5	50.5	50.5	50.5	52.0	52.0	52.0	52.5	52.5	53.0	53.0
GE 6000	51.0	51.5	53.0	53.0	53.5	53.5	54.5	54.5	54.5	56.1	56.1	56.1	56.6	56.6	57.1	57.1
GE 5000	53.0	53.5	55.1	55.1	55.6	55.6	56.6	56.6	56.6	58.1	58.1	58.1	58.6	58.6	59.1	59.1
GE 4500	54.5	55.1	56.6	56.6	57.1	57.1	58.1	58.1	58.1	59.6	59.6	59.6	60.1	60.1	60.6	60.6
GE 4000	58.6	59.1	61.6	61.6	62.1	62.1	63.1	63.1	63.1	64.6	64.6	64.6	65.2	65.2	65.7	65.7
GE 3500	59.6	60.1	62.6	62.6	63.1	63.1	64.1	64.1	64.1	65.7	65.7	65.7	66.2	66.2	66.7	66.7
GE 3000	66.2	66.7	69.2	69.2	69.7	69.7	70.7	70.7	70.7	72.2	72.2	72.2	72.7	72.7	73.2	73.2
GE 2500	70.7	72.2	74.7	74.7	75.3	75.3	76.8	76.8	76.8	78.3	78.3	78.3	78.8	78.8	79.3	79.3
GE 2000	78.8	80.3	83.3	83.3	84.3	84.3	85.9	85.9	85.9	87.4	87.4	87.4	88.4	88.4	88.9	88.9
GE 1800	78.8	80.3	83.8	83.8	84.8	84.8	86.4	86.4	86.4	87.9	87.9	87.9	88.9	88.9	89.4	89.4
GE 1500	80.3	81.8	85.4	85.4	86.9	86.9	89.4	89.4	89.4	90.9	90.9	90.9	91.9	91.9	92.4	92.4
GE 1200	81.3	82.8	86.4	86.4	88.4	88.4	90.9	91.4	91.4	93.4	93.4	93.4	94.4	94.4	94.9	94.9
GE 1000	82.3	84.3	87.9	88.4	90.4	90.4	92.9	93.4	93.4	95.5	95.5	95.5	96.5	96.5	97.0	97.0
GE 900	82.8	84.8	88.4	88.9	90.9	90.9	93.4	93.9	93.9	96.0	96.0	96.0	97.0	97.0	97.5	97.5
GE 800	82.8	84.8	88.4	88.9	90.9	90.9	93.4	93.9	93.9	96.0	96.0	96.0	97.0	97.0	98.0	98.0
GE 700	82.8	84.8	88.4	88.9	90.9	90.9	93.4	93.9	93.9	96.0	96.0	96.0	97.0	97.0	98.0	98.0
GE 600	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	96.5	96.5	97.5	97.5	98.5	98.5
GE 500	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	96.5	96.5	98.0	98.5	99.5	99.5
GE 400	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	96.5	96.5	98.0	98.5	99.5	99.5
GE 300	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	97.0	97.0	98.5	98.5	100.0	100.0
GE 200	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	97.0	97.0	98.5	99.0	100.0	100.0
GE 100	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	97.0	97.0	98.5	99.0	100.0	100.0
GE 000	83.3	85.4	88.9	89.4	91.4	91.4	93.9	94.4	94.4	96.5	97.0	97.0	98.5	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 198

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM OURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.6	44.6	45.0	45.0	45.3	45.3	45.6	46.0	46.0	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	45.0	45.0	45.3	45.3	45.6	45.6	46.0	46.3	46.3	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 18000	45.0	45.0	45.3	45.3	45.6	45.6	46.0	46.3	46.3	47.0	47.0	47.0	47.0	47.0	47.0	47.0
GE 16000	45.6	45.6	46.0	46.0	46.3	46.3	46.6	47.0	47.0	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 14000	46.0	46.0	46.3	46.3	46.6	46.6	47.0	47.3	47.3	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 12000	47.3	47.3	47.7	47.7	48.0	48.0	48.3	48.7	48.7	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 10000	49.3	49.3	49.7	49.7	50.0	50.0	50.3	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 9000	50.7	50.7	51.0	51.0	51.3	51.3	51.7	52.0	52.0	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 8000	51.0	51.0	51.3	51.3	51.7	51.7	52.0	52.3	52.3	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 7000	53.7	53.7	54.0	54.0	54.4	54.4	54.7	55.0	55.0	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 6000	57.7	58.1	58.4	58.4	58.7	58.7	59.1	59.4	59.4	60.1	60.1	60.1	60.1	60.1	60.1	60.1
GE 5000	61.4	61.7	62.1	62.1	62.4	62.4	62.8	63.1	63.1	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4500	63.1	63.4	63.8	63.8	64.1	64.1	64.4	64.8	64.8	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 4000	70.5	70.8	71.1	71.1	71.5	71.5	71.8	72.1	72.1	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 3500	71.5	71.8	72.1	72.1	72.5	72.5	72.8	73.2	73.2	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	75.5	75.8	76.8	76.8	77.2	77.2	77.5	77.9	77.9	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 2500	78.2	78.5	79.5	79.5	79.9	79.9	80.2	80.5	80.5	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	83.6	83.9	85.2	85.2	85.9	85.9	86.2	86.6	86.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1800	83.6	83.9	85.2	85.2	85.9	85.9	86.2	86.6	86.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1500	84.9	85.2	86.6	86.6	87.9	87.9	88.6	88.9	89.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	85.2	85.6	86.9	86.9	88.6	88.6	89.3	89.6	89.9	91.6	91.9	91.9	91.9	91.9	91.9	91.9
GE 1000	86.6	86.9	88.6	89.3	90.9	90.9	91.9	92.6	93.0	95.0	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	86.9	87.2	88.9	89.6	91.3	91.3	92.3	93.0	93.3	95.6	96.3	96.3	96.3	96.3	96.3	96.3
GE 800	86.9	87.2	88.9	89.6	91.6	91.6	92.6	93.6	94.0	96.3	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	86.9	87.2	88.9	89.6	91.9	91.9	93.3	94.3	94.6	97.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 600	87.2	87.6	89.3	89.9	92.3	92.3	93.6	94.6	95.0	97.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	87.2	87.6	89.3	89.9	92.6	92.6	94.0	95.0	95.3	97.7	98.7	98.7	98.7	98.7	99.3	99.3
GE 400	87.2	87.6	89.3	89.9	92.6	92.6	94.0	95.0	95.3	97.7	98.7	98.7	98.7	98.7	99.7	99.7
GE 300	87.6	87.9	89.6	90.3	93.0	93.0	94.3	95.3	95.6	98.0	99.0	99.0	99.0	99.0	100.0	100.0
GE 200	87.6	87.9	89.6	90.3	93.0	93.0	94.3	95.3	95.6	98.0	99.0	99.0	99.0	99.0	100.0	100.0
GE 100	87.6	87.9	89.6	90.3	93.0	93.0	94.3	95.3	95.6	98.0	99.0	99.0	99.0	99.0	100.0	100.0
GE 000	87.6	87.9	89.6	90.3	93.0	93.0	94.3	95.3	95.6	98.0	99.0	99.0	99.0	99.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 298

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	60.3	60.9	60.9	60.9	60.9	60.9	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	55.1	60.3	60.9	60.9	60.9	60.9	60.9	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 18000	55.1	60.3	60.9	60.9	60.9	60.9	60.9	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 16000	55.1	60.3	60.9	60.9	60.9	60.9	60.9	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 14000	55.1	60.3	60.9	60.9	60.9	60.9	60.9	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 12000	55.1	60.3	60.9	60.9	60.9	60.9	60.9	61.5	61.5	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 10000	55.8	60.9	61.5	61.5	61.5	61.5	61.5	62.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 9000	55.8	60.9	61.5	61.5	61.5	61.5	61.5	62.2	62.2	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 8000	55.8	61.5	62.2	62.2	62.2	62.2	62.2	62.8	62.8	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	55.8	61.5	62.2	62.2	62.2	62.2	62.2	62.8	62.8	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 6000	56.4	62.2	62.8	62.8	62.8	62.8	62.8	63.5	63.5	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 5000	59.0	64.7	65.4	65.4	65.4	65.4	65.4	66.0	66.0	66.7	66.7	66.7	67.3	67.3	67.3	67.3
GE 4500	60.3	66.0	66.7	66.7	66.7	66.7	66.7	67.3	67.3	67.9	67.9	67.9	68.6	68.6	68.6	68.6
GE 4000	64.7	70.5	71.8	71.8	71.8	71.8	71.8	72.4	72.4	73.1	73.1	73.1	73.7	73.7	73.7	73.7
GE 3500	65.4	71.2	72.4	72.4	72.4	72.4	72.4	73.1	73.1	73.7	73.7	73.7	74.4	74.4	74.4	74.4
GE 3000	68.0	75.6	77.6	77.6	77.6	77.6	77.6	78.2	78.2	78.8	78.8	78.8	79.5	79.5	79.5	79.5
GE 2500	68.6	77.6	80.8	80.8	81.4	81.4	81.4	82.1	82.1	82.7	82.7	82.7	83.3	83.3	83.3	83.3
GE 2000	71.8	81.4	85.9	85.9	87.2	87.2	87.2	87.8	87.8	88.5	88.5	88.5	89.1	89.1	89.1	89.1
GE 1800	71.8	81.4	85.9	85.9	87.8	87.8	87.8	88.5	88.5	89.1	89.1	89.1	89.7	89.7	89.7	89.7
GE 1500	71.8	81.4	85.9	85.9	88.5	88.5	88.5	89.1	89.1	89.7	89.7	89.7	90.4	90.4	90.4	90.4
GE 1200	71.8	82.1	86.5	86.5	89.1	89.1	89.1	89.7	89.7	91.0	91.0	91.0	91.7	91.7	91.7	91.7
GE 1000	73.1	83.3	87.8	87.8	91.0	91.0	92.3	92.9	92.9	94.2	94.2	94.2	95.5	95.5	95.5	95.5
GE 900	73.1	83.3	87.8	87.8	91.7	91.7	92.9	93.6	93.6	94.9	94.9	94.9	96.2	96.2	96.2	96.2
GE 800	73.1	83.3	87.8	87.8	91.7	91.7	93.6	94.2	94.2	95.5	95.5	95.5	96.8	96.8	96.8	96.8
GE 700	73.1	83.3	87.8	87.8	91.7	91.7	93.6	94.2	94.2	95.5	95.5	95.5	96.8	96.8	96.8	96.8
GE 600	73.1	83.3	87.8	87.8	92.3	92.3	94.2	94.9	94.9	96.2	96.2	96.2	98.1	98.1	98.1	98.1
GE 500	73.1	83.3	87.8	87.8	92.9	92.9	94.9	95.5	95.5	96.8	96.8	96.8	98.7	98.7	98.7	98.7
GE 400	73.1	83.3	87.8	87.8	92.9	92.9	94.9	95.5	95.5	96.8	96.8	96.8	98.7	98.7	98.7	98.7
GE 300	73.1	83.3	87.8	87.8	92.9	92.9	94.9	95.5	95.5	96.8	96.8	96.8	98.7	98.7	98.7	98.7
GE 200	73.1	83.3	87.8	87.8	92.9	92.9	94.9	95.5	95.5	96.8	96.8	96.8	98.7	98.7	98.7	98.7
GE 100	73.7	84.0	88.5	88.5	93.6	93.6	95.5	96.2	96.2	97.4	97.4	97.4	99.4	99.4	99.4	100.0
GE 000	73.7	84.0	88.5	88.5	93.6	93.6	95.5	96.2	96.2	97.4	97.4	97.4	99.4	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 156

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: OCT HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 20000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 18000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 16000	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
GE 14000	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
GE 12000	48.8	48.8	48.8	48.8	48.8	48.8	48.8	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 10000	50.7	50.7	50.7	50.7	50.7	50.7	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 9000	51.6	51.6	51.6	51.6	51.6	51.6	51.6	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 8000	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 7000	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 6000	57.7	57.7	57.7	57.7	57.7	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 5000	61.5	61.5	61.5	61.5	61.5	61.5	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 4500	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 4000	67.1	67.1	67.6	67.6	67.6	67.6	67.6	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	68.5
GE 3500	67.6	67.6	68.1	68.1	68.1	68.1	68.1	68.5	68.5	68.5	68.5	69.0	69.0	69.0	69.0	69.0
GE 3000	76.5	76.5	77.9	77.9	77.9	77.9	77.9	78.4	78.4	78.4	78.4	78.9	78.9	78.9	78.9	78.9
GE 2500	77.9	77.9	79.8	79.8	79.8	79.8	79.8	80.3	80.3	80.3	80.3	80.8	80.8	80.8	80.8	80.8
GE 2000	84.5	84.5	86.4	86.4	87.8	87.8	87.8	88.3	88.3	88.3	88.3	88.7	88.7	88.7	88.7	88.7
GE 1800	84.5	84.5	86.9	86.9	88.7	88.7	88.7	89.2	89.2	89.2	89.2	89.7	90.1	90.1	90.1	90.1
GE 1500	86.4	86.4	88.7	89.2	92.0	92.0	92.0	92.5	92.5	92.5	92.5	93.0	93.4	93.4	93.4	93.4
GE 1200	86.4	86.4	88.7	89.2	92.0	92.0	92.0	92.5	92.5	92.5	92.5	93.0	93.4	93.4	93.4	93.4
GE 1000	86.4	86.4	89.2	89.7	93.4	93.4	93.4	94.4	95.8	95.8	95.8	96.2	96.7	96.7	96.7	96.7
GE 900	86.4	86.4	89.2	89.7	93.4	93.4	93.4	94.8	96.2	96.2	96.2	96.7	97.2	97.2	97.2	97.2
GE 800	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.2	97.7	97.7	97.7	97.7
GE 700	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.1	98.1	98.1
GE 600	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.1	98.1	98.1
GE 500	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.1	98.1	98.1
GE 400	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.6	98.6	98.6
GE 300	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.6	98.6	98.6
GE 200	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.6	98.6	98.6
GE 100	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.6	98.6	98.6
GE 000	86.4	86.4	89.2	89.7	93.4	93.4	93.4	95.3	96.7	96.7	96.7	97.7	98.1	98.6	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 213

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	46.0	46.0	46.0	46.0	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	46.8	46.8	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 18000	46.8	46.8	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 16000	46.8	46.8	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 14000	46.8	46.8	46.8	46.8	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 12000	47.6	47.6	47.6	47.6	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 10000	48.8	48.8	48.8	48.8	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 9000	49.6	49.6	49.6	49.6	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0	50.0
GE 8000	52.0	52.0	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	56.4	56.4	56.4	56.4	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 6000	60.8	60.8	61.2	61.2	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 5000	66.0	66.0	66.4	66.4	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 4500	68.0	68.0	68.4	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	73.2	73.2	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	73.2	73.2	74.0	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3000	76.0	76.0	77.2	77.2	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 2500	77.6	78.8	80.0	80.0	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2	81.2
GE 2000	82.4	83.6	85.2	85.2	86.8	86.8	86.8	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 1800	83.2	84.4	86.0	86.0	87.6	87.6	87.6	88.0	88.0	88.4	88.8	88.8	88.8	88.8	88.8	88.8
GE 1500	84.4	85.6	88.4	88.4	90.0	90.0	90.0	90.4	90.4	91.2	91.6	91.6	91.6	91.6	91.6	91.6
GE 1200	84.8	86.4	89.6	89.6	91.2	91.2	91.2	92.4	92.4	93.2	93.6	93.6	93.6	93.6	93.6	93.6
GE 1000	86.0	87.6	90.8	90.8	92.4	92.4	92.8	94.4	94.4	95.2	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	86.0	87.6	90.8	90.8	92.4	92.4	92.8	94.4	94.4	95.6	96.0	96.0	96.0	96.0	96.0	96.0
GE 800	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.0	98.4	98.8	98.8	98.8	98.8	98.8
GE 700	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.0	98.4	98.8	98.8	98.8	98.8	98.8
GE 600	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.0	98.4	98.8	98.8	98.8	98.8	98.8
GE 500	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.4	98.8	99.2	99.6	99.6	100.0	100.0
GE 400	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.4	98.8	99.2	99.6	99.6	100.0	100.0
GE 300	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.4	98.8	99.2	99.6	99.6	100.0	100.0
GE 200	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.4	98.8	99.2	99.6	99.6	100.0	100.0
GE 100	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.4	98.8	99.2	99.6	99.6	100.0	100.0
GE 000	86.0	87.6	91.2	91.2	93.2	93.2	93.6	95.6	95.6	98.4	98.8	99.2	99.6	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 250

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.9	48.4	48.7	48.8	49.3	49.3	49.7	49.8	49.8	50.3	50.3	50.3	50.7	50.7	50.9	50.9
GE 20000	48.1	48.6	48.9	49.0	49.5	49.5	49.9	50.0	50.0	50.6	50.6	50.6	50.9	50.9	51.2	51.2
GE 18000	48.2	48.7	49.0	49.1	49.6	49.6	50.0	50.1	50.1	50.6	50.6	50.6	51.0	51.0	51.2	51.2
GE 16000	48.3	48.8	49.1	49.2	49.7	49.7	50.1	50.2	50.2	50.8	50.8	50.8	51.1	51.1	51.4	51.4
GE 14000	48.4	48.9	49.2	49.3	49.8	49.8	50.2	50.3	50.3	50.9	50.9	50.9	51.2	51.2	51.5	51.5
GE 12000	48.9	49.4	49.7	49.8	50.3	50.3	50.7	50.8	50.8	51.4	51.4	51.4	51.7	51.7	52.0	52.0
GE 10000	50.0	50.5	50.8	50.9	51.4	51.4	51.8	51.9	51.9	52.4	52.4	52.4	52.8	52.8	53.0	53.0
GE 9000	50.5	51.0	51.4	51.5	52.0	52.0	52.4	52.5	52.5	53.0	53.0	53.0	53.4	53.4	53.6	53.6
GE 8000	51.2	51.8	52.2	52.3	52.8	52.8	53.2	53.3	53.3	53.8	53.8	53.8	54.2	54.2	54.4	54.4
GE 7000	53.1	53.7	54.1	54.2	54.7	54.7	55.1	55.2	55.2	55.8	55.8	55.8	56.1	56.1	56.4	56.4
GE 6000	56.6	57.3	57.7	57.8	58.3	58.3	58.7	58.8	58.8	59.4	59.4	59.4	59.7	59.7	60.0	60.0
GE 5000	59.9	60.6	61.1	61.1	61.7	61.7	62.0	62.1	62.1	62.7	62.7	62.7	63.1	63.1	63.4	63.4
GE 4500	61.2	61.9	62.4	62.4	63.0	63.0	63.4	63.5	63.5	64.0	64.0	64.0	64.4	64.4	64.7	64.7
GE 4000	66.8	67.5	68.3	68.4	68.9	68.9	69.3	69.4	69.4	70.0	70.0	70.0	70.4	70.4	70.7	70.7
GE 3500	67.8	68.5	69.3	69.4	69.9	69.9	70.3	70.4	70.4	71.0	71.0	71.0	71.4	71.4	71.7	71.7
GE 3000	73.5	74.3	75.6	75.7	76.4	76.4	76.7	76.9	76.9	77.5	77.5	77.5	77.9	77.9	78.2	78.2
GE 2500	75.8	77.0	78.7	78.7	79.4	79.4	79.9	80.0	80.0	80.7	80.7	80.7	81.1	81.1	81.4	81.4
GE 2000	81.8	83.2	85.3	85.5	86.7	86.7	87.2	87.3	87.3	88.1	88.1	88.1	88.6	88.6	89.0	89.0
GE 1800	81.9	83.3	85.6	85.8	87.2	87.2	87.6	87.8	87.8	88.6	88.7	88.7	89.2	89.2	89.6	89.6
GE 1500	83.0	84.4	86.9	87.2	89.0	89.0	89.6	89.8	89.9	90.9	91.1	91.1	91.6	91.6	91.9	92.0
GE 1200	83.2	84.7	87.4	87.6	89.6	89.6	90.2	90.6	90.7	91.9	92.2	92.2	92.6	92.6	93.0	93.1
GE 1000	84.7	86.3	89.1	89.5	91.8	91.8	92.8	93.4	93.5	94.9	95.2	95.2	95.7	95.7	96.1	96.1
GE 900	84.8	86.4	89.2	89.6	92.0	92.0	93.0	93.7	93.7	95.2	95.5	95.5	96.1	96.1	96.4	96.5
GE 800	84.8	86.4	89.3	89.8	92.2	92.2	93.4	94.2	94.2	96.0	96.3	96.4	97.1	97.1	97.5	97.6
GE 700	85.1	86.6	89.6	90.0	92.5	92.5	93.7	94.5	94.6	96.4	96.8	96.9	97.6	97.6	98.1	98.1
GE 600	85.2	86.7	89.7	90.1	92.7	92.7	93.9	94.7	94.8	96.6	97.0	97.1	98.0	98.0	98.4	98.4
GE 500	85.2	86.7	89.7	90.1	92.9	92.9	94.1	94.9	95.0	97.0	97.4	97.5	98.5	98.6	99.2	99.3
GE 400	85.2	86.7	89.7	90.1	92.9	92.9	94.1	94.9	95.0	97.0	97.5	97.5	98.6	98.6	99.3	99.5
GE 300	85.2	86.8	89.8	90.2	92.9	92.9	94.2	95.0	95.1	97.1	97.6	97.6	98.7	98.7	99.5	99.8
GE 200	85.2	86.8	89.8	90.2	92.9	92.9	94.2	95.0	95.1	97.1	97.6	97.6	98.7	98.7	99.5	99.8
GE 100	85.3	86.9	89.8	90.2	93.0	93.0	94.3	95.1	95.2	97.2	97.7	97.8	98.8	98.9	99.6	100.0
GE 000	85.3	86.9	89.8	90.2	93.0	93.0	94.3	95.1	95.2	97.2	97.7	97.8	98.8	98.9	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 1659

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 20000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 18000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 16000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 14000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 12000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 10000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 9000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 8000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 7000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 6000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 5000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4500	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 4000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3500	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 3000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	93.0	94.2	96.5	97.7	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 86

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 20000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 18000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 16000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 14000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 12000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 10000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 9000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 8000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 7000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 6000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 5000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4500	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 4000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3500	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 3000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2500	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 2000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1200	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1000	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	92.9	95.3	95.3	97.6	97.6	97.6	97.6	97.6	97.6	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	94.1	96.5	96.5	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	94.1	96.5	96.5	98.8	98.8	98.8	98.8	98.8	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 85

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.2	55.2	55.8	55.8	56.1	56.1	56.5	56.5	56.5	56.8	57.1	57.1	57.4	57.4	58.7	58.7
GE 20000	54.2	55.2	55.8	55.8	56.1	56.1	56.5	56.5	56.5	56.8	57.1	57.1	57.4	57.4	58.7	58.7
GE 18000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 16000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 14000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 12000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 10000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 9000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 8000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 7000	54.5	55.5	56.1	56.1	56.5	56.5	56.8	56.8	56.8	57.1	57.4	57.4	57.7	57.7	59.0	59.0
GE 6000	54.8	55.8	56.5	56.5	56.8	56.8	57.1	57.1	57.1	57.4	57.7	57.7	58.1	58.1	59.4	59.4
GE 5000	57.1	58.1	58.7	58.7	59.0	59.0	59.4	59.4	59.4	59.7	60.0	60.0	60.3	60.3	61.6	61.6
GE 4500	57.7	58.7	59.4	59.4	59.7	59.7	60.0	60.0	60.0	60.3	60.6	60.6	61.0	61.0	62.3	62.3
GE 4000	62.6	63.5	64.2	64.2	64.5	64.5	64.8	64.8	64.8	65.2	65.5	65.5	65.8	65.8	67.1	67.1
GE 3500	63.9	64.8	65.5	65.5	66.5	66.5	66.8	66.8	66.8	67.1	67.4	67.4	67.7	67.7	69.0	69.0
GE 3000	77.7	78.7	79.7	79.7	81.3	81.3	81.6	81.6	81.6	81.9	82.3	82.3	82.6	82.6	83.9	83.9
GE 2500	79.0	80.0	81.6	81.6	83.9	83.9	84.2	84.2	84.2	84.5	84.8	84.8	85.2	85.2	86.5	86.5
GE 2000	85.5	86.5	90.0	90.0	92.6	92.6	92.9	93.2	93.2	93.5	93.9	93.9	94.2	94.2	95.5	95.5
GE 1800	85.5	86.5	90.0	90.0	92.6	92.6	92.9	93.2	93.2	93.9	94.2	94.2	94.5	94.5	95.8	95.8
GE 1500	86.1	87.1	90.6	91.3	93.9	93.9	94.8	95.2	95.2	95.8	96.1	96.1	96.5	96.5	97.7	97.7
GE 1200	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.5	95.5	96.1	96.5	96.5	96.8	96.8	98.1	98.1
GE 1000	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.5	95.5	96.1	96.5	96.5	97.1	97.1	98.4	98.4
GE 900	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.5	95.5	96.1	96.5	96.5	97.1	97.1	98.4	98.4
GE 800	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.5	95.5	96.1	96.5	96.5	97.1	97.1	98.4	98.4
GE 700	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	96.5	96.8	6.8	97.4	97.4	98.7	98.7
GE 600	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.1	98.1	99.4	99.4
GE 500	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.1	98.1	99.4	99.4
GE 400	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.1	98.1	99.4	99.4
GE 300	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.1	98.1	99.4	99.4
GE 200	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.7	98.7	100.0	100.0
GE 100	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.7	98.7	100.0	100.0
GE 000	86.1	87.1	90.6	91.3	94.2	94.2	95.2	95.8	95.8	97.1	97.4	97.4	98.7	98.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 310

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	42.5	45.3	45.3	46.1	47.2	47.2	48.0	48.8	48.8	49.9	50.7	50.7	52.3	52.6	53.9	54.7
GE 20000	42.5	45.3	45.3	46.1	47.2	47.2	48.0	48.8	48.8	49.9	50.7	50.7	52.3	52.6	53.9	54.7
GE 18000	42.5	45.3	45.3	46.1	47.2	47.2	48.0	48.8	48.8	49.9	50.7	50.7	52.3	52.6	53.9	54.7
GE 16000	42.5	45.3	45.3	46.1	47.2	47.2	48.0	48.8	48.8	49.9	50.7	50.7	52.3	52.6	53.9	54.7
GE 14000	42.5	45.3	45.3	46.1	47.2	47.2	48.0	48.8	48.8	49.9	50.7	50.7	52.3	52.6	53.9	54.7
GE 12000	42.5	45.3	45.3	46.1	47.2	47.2	48.2	49.1	49.1	50.1	50.9	50.9	52.6	52.8	54.2	55.0
GE 10000	42.8	45.5	45.5	46.3	47.4	47.4	48.5	49.3	49.3	50.4	51.2	51.2	52.8	53.1	54.5	55.3
GE 9000	43.1	45.8	45.8	46.6	47.7	47.7	48.8	49.6	49.6	50.7	51.5	51.5	53.1	53.4	54.7	55.6
GE 8000	43.1	45.8	45.8	46.6	47.7	47.7	49.1	49.9	49.9	50.9	51.8	51.8	53.4	53.7	55.0	55.8
GE 7000	44.7	47.4	47.4	48.2	49.3	49.3	50.7	51.5	51.5	52.6	53.4	53.4	55.0	55.3	56.6	57.5
GE 6000	47.7	50.4	50.4	51.2	52.3	52.3	53.9	54.7	54.7	55.8	56.6	56.6	58.3	58.5	59.9	60.7
GE 5000	51.8	54.5	54.7	55.6	56.6	56.6	58.3	59.1	59.1	60.2	61.0	61.0	62.6	62.9	64.2	65.0
GE 4500	52.0	54.7	55.0	55.8	57.2	57.2	58.8	59.6	59.6	60.7	61.5	61.5	63.1	63.4	64.8	65.6
GE 4000	53.7	56.4	57.2	58.0	59.6	59.6	61.2	62.1	62.1	63.1	64.0	64.0	65.6	65.9	67.2	68.0
GE 3500	55.0	57.7	58.5	59.3	61.0	61.0	62.6	63.4	63.4	64.5	65.3	65.3	66.9	67.2	68.6	69.4
GE 3000	63.4	67.8	69.4	70.2	72.9	72.9	74.5	75.3	75.3	76.4	77.2	77.2	78.9	79.1	80.5	81.3
GE 2500	65.0	69.6	71.5	72.4	75.1	75.1	76.7	77.5	77.5	78.6	79.4	79.4	81.0	81.3	82.7	83.5
GE 2000	68.8	74.0	77.5	78.3	81.6	81.6	84.0	84.8	84.8	85.9	86.7	86.7	88.3	88.6	90.0	90.8
GE 1800	69.4	74.5	78.0	79.1	82.4	82.4	84.8	85.6	85.6	86.7	87.5	87.5	89.2	89.4	90.8	91.6
GE 1500	71.0	76.2	79.9	81.0	84.3	84.3	86.7	87.8	87.8	88.9	89.7	89.7	91.3	91.6	93.0	93.8
GE 1200	71.5	76.7	80.5	81.6	85.6	85.6	88.1	89.4	89.4	90.5	91.3	91.3	93.2	93.5	94.9	95.7
GE 1000	72.1	77.2	81.0	82.1	86.2	86.2	89.2	90.5	90.5	91.9	92.7	92.7	95.1	95.4	96.7	97.6
GE 900	72.1	77.2	81.0	82.1	86.2	86.2	89.2	90.5	90.5	91.9	92.7	92.7	95.1	95.4	96.7	97.6
GE 800	72.1	77.2	81.0	82.1	86.2	86.2	89.4	90.8	90.8	92.1	93.0	93.0	95.4	95.9	97.3	98.1
GE 700	72.1	77.2	81.0	82.1	86.2	86.2	89.4	90.8	90.8	92.1	93.0	93.0	95.4	95.9	97.3	98.1
GE 600	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.5	97.0	98.6	99.5
GE 500	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.7	97.3	98.9	99.7
GE 400	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.7	97.3	98.9	99.7
GE 300	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.7	97.3	98.9	99.7
GE 200	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.7	97.3	98.9	100.0
GE 100	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.7	97.3	98.9	100.0
GE 000	72.1	77.5	81.3	82.4	86.4	86.4	89.7	91.1	91.1	93.0	93.8	93.8	96.7	97.3	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 369

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	54.3	54.8	54.8	56.5	57.8	57.8	58.3	58.7	59.1	59.1	59.6	59.6	60.0	60.0	60.4	60.4
GE 20000	54.3	54.8	54.8	56.5	57.8	57.8	58.3	58.7	59.1	59.1	59.6	59.6	60.0	60.0	60.4	60.4
GE 18000	54.8	55.2	55.2	57.0	58.3	58.3	58.7	59.1	59.6	59.6	60.0	60.0	60.4	60.4	60.9	60.9
GE 16000	54.8	55.2	55.2	57.0	58.3	58.3	58.7	59.1	59.6	59.6	60.0	60.0	60.4	60.4	60.9	60.9
GE 14000	54.8	55.2	55.2	57.0	58.3	58.3	58.7	59.1	59.6	59.6	60.0	60.0	60.4	60.4	60.9	60.9
GE 12000	55.2	55.7	55.7	57.4	58.7	58.7	59.1	59.6	60.0	60.0	60.4	60.4	60.9	60.9	61.3	61.3
GE 10000	56.5	57.0	57.0	58.7	60.0	60.0	60.4	60.9	61.3	61.3	61.7	61.7	62.2	62.2	62.6	62.6
GE 9000	56.5	57.0	57.0	58.7	60.0	60.0	60.4	60.9	61.3	61.3	61.7	61.7	62.2	62.2	62.6	62.6
GE 8000	57.8	58.3	58.3	60.0	61.3	61.3	61.7	62.2	62.6	62.6	63.0	63.0	63.5	63.5	63.9	63.9
GE 7000	58.3	58.7	58.7	60.4	61.7	61.7	62.2	62.6	63.0	63.0	63.5	63.5	63.9	63.9	64.3	64.3
GE 6000	62.2	62.6	63.0	64.8	66.5	66.5	67.0	67.4	67.8	67.8	68.3	68.3	68.7	68.7	69.1	69.1
GE 5000	66.1	66.5	67.4	69.6	71.3	71.3	71.7	72.2	72.6	72.6	73.0	73.0	73.5	73.5	73.9	73.9
GE 4500	66.1	66.5	67.4	69.6	71.3	71.3	71.7	72.2	72.6	72.6	73.0	73.0	73.5	73.5	73.9	73.9
GE 4000	67.0	67.4	68.3	70.9	73.0	73.0	73.9	74.3	74.8	74.8	75.2	75.2	75.7	75.7	76.1	76.1
GE 3500	67.4	67.8	68.7	71.3	73.5	73.5	74.3	74.8	75.2	75.2	75.7	75.7	76.1	76.1	76.5	76.5
GE 3000	75.7	76.1	77.8	80.4	83.0	83.0	83.9	84.3	84.8	84.8	85.2	85.2	85.7	85.7	86.1	86.1
GE 2500	76.1	76.5	78.3	80.9	83.5	83.5	84.3	84.8	85.2	85.2	85.7	85.7	86.1	86.1	86.5	86.5
GE 2000	79.1	79.6	82.6	85.2	88.7	88.7	89.6	90.4	90.9	90.9	91.3	91.3	91.7	91.7	92.2	92.2
GE 1800	79.6	80.0	83.5	86.1	89.6	89.6	90.4	91.3	91.7	91.7	92.2	92.2	92.6	92.6	93.0	93.0
GE 1500	81.7	82.2	85.7	88.3	91.7	91.7	93.5	94.3	94.8	94.8	95.2	95.2	95.7	95.7	96.1	96.1
GE 1200	82.2	82.6	86.1	88.7	92.2	92.2	94.8	95.7	96.1	96.1	96.5	96.5	97.0	97.0	97.4	97.4
GE 1000	82.6	83.0	86.5	89.1	92.6	92.6	95.2	96.1	96.5	97.0	97.4	97.4	97.8	97.8	98.7	98.7
GE 900	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	97.4	97.8	97.8	98.3	98.3	99.1	99.1
GE 800	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	97.4	97.8	97.8	98.3	98.3	99.1	99.1
GE 700	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	97.4	97.8	97.8	98.3	98.3	99.1	99.1
GE 600	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	97.8	98.3	98.3	98.7	98.7	99.6	99.6
GE 500	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	97.8	98.3	98.3	98.7	98.7	99.6	99.6
GE 400	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	97.8	98.3	98.3	98.7	98.7	99.6	99.6
GE 300	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	98.3	98.7	98.7	99.1	99.1	100.0	100.0
GE 200	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	98.3	98.7	98.7	99.1	99.1	100.0	100.0
GE 100	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	98.3	98.7	98.7	99.1	99.1	100.0	100.0
GE 000	83.0	83.5	87.0	89.6	93.0	93.0	95.7	96.5	97.0	98.3	98.7	98.7	99.1	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 230

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	44.9	45.7	46.9	48.0	49.1	49.1	50.0	50.3	50.3	52.6	52.9	52.9	53.4	53.4	54.3	54.3
GE 20000	44.9	45.7	46.9	48.0	49.1	49.1	50.0	50.3	50.3	52.6	52.9	52.9	53.4	53.4	54.3	54.3
GE 18000	44.9	45.7	46.9	48.0	49.1	49.1	50.0	50.3	50.3	52.6	52.9	52.9	53.4	53.4	54.3	54.3
GE 16000	44.9	45.7	46.9	48.0	49.1	49.1	50.0	50.3	50.3	52.6	52.9	52.9	53.4	53.4	54.3	54.3
GE 14000	45.1	46.0	47.1	48.3	49.4	49.4	50.3	50.6	50.6	52.9	53.1	53.1	53.7	53.7	54.6	54.6
GE 12000	45.1	46.0	47.1	48.3	49.4	49.4	50.3	50.6	50.6	52.9	53.1	53.1	53.7	53.7	54.6	54.6
GE 10000	46.3	47.1	48.3	49.4	50.6	50.6	51.4	51.7	51.7	54.0	54.3	54.3	54.9	54.9	55.7	55.7
GE 9000	46.6	47.4	48.6	49.7	50.9	50.9	51.7	52.0	52.0	54.3	54.6	54.6	55.1	55.1	56.0	56.0
GE 8000	48.3	49.1	50.3	51.4	52.6	52.6	53.4	53.7	53.7	56.0	56.3	56.3	56.9	56.9	57.7	57.7
GE 7000	49.4	50.3	51.4	52.6	53.7	53.7	54.6	54.9	54.9	57.1	57.4	57.4	58.0	58.0	58.9	58.9
GE 6000	51.4	52.3	53.4	54.6	55.7	55.7	56.6	56.9	56.9	59.1	59.4	59.4	60.0	60.0	60.9	60.9
GE 5000	58.3	59.4	60.6	62.0	63.1	63.1	64.0	64.3	64.3	66.6	66.9	66.9	67.4	67.4	68.3	68.3
GE 4500	58.9	60.0	61.1	62.6	63.7	63.7	64.6	64.9	64.9	67.1	67.4	67.4	68.0	68.0	68.9	68.9
GE 4000	60.9	62.3	63.4	64.9	66.3	66.3	67.1	67.4	67.4	69.7	70.0	70.0	70.6	70.6	71.4	71.4
GE 3500	60.9	62.3	63.4	64.9	66.3	66.3	67.1	67.4	67.4	69.7	70.0	70.0	70.6	70.6	71.4	71.4
GE 3000	70.9	72.3	73.7	75.1	76.9	76.9	78.0	78.3	78.3	80.6	80.9	80.9	81.4	81.4	82.3	82.3
GE 2500	72.0	73.4	74.9	76.3	78.0	78.0	79.4	79.7	80.0	82.3	82.6	82.6	83.1	83.1	84.0	84.0
GE 2000	76.3	78.0	79.4	80.9	83.7	83.7	86.3	86.6	86.9	89.7	90.0	90.0	90.6	90.6	91.4	91.4
GE 1800	76.6	78.3	80.0	81.7	84.9	84.9	87.4	87.7	88.0	90.9	91.1	91.1	91.7	91.7	92.6	92.6
GE 1500	77.7	79.4	81.1	82.9	86.3	86.3	89.1	90.0	90.3	93.1	93.4	93.4	94.0	94.0	94.9	94.9
GE 1200	78.3	80.0	81.7	83.4	86.9	86.9	90.0	90.9	91.1	94.0	94.3	94.3	94.9	94.9	95.7	95.7
GE 1000	78.3	80.0	81.7	83.4	87.4	87.4	90.9	92.0	92.3	95.7	96.3	96.3	97.4	97.4	98.3	98.3
GE 900	78.6	80.3	82.0	83.7	87.7	87.7	91.1	92.3	92.6	96.0	96.6	96.6	97.7	97.7	98.6	98.6
GE 800	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.6	92.9	96.3	96.9	96.9	98.3	98.3	99.1	99.1
GE 700	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.6	92.9	96.3	96.9	96.9	98.3	98.6	99.4	99.4
GE 600	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.6	98.9	99.7	99.7
GE 500	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.6	98.9	99.7	99.7
GE 400	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.9	99.1	100.0	100.0
GE 300	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.9	99.1	100.0	100.0
GE 200	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.9	99.1	100.0	100.0
GE 100	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.9	99.1	100.0	100.0
GE 000	78.6	80.3	82.0	83.7	87.7	87.7	91.4	92.9	93.1	96.6	97.1	97.1	98.9	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 350

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.8	60.2	61.0	62.2	62.7	62.7	63.9	64.3	64.3	64.7	65.6	65.6	66.0	66.0	66.8	67.2
GE 20000	59.8	60.2	61.0	62.2	62.7	62.7	63.9	64.3	64.3	64.7	65.6	65.6	66.0	66.0	66.8	67.2
GE 18000	59.8	60.2	61.0	62.2	62.7	62.7	63.9	64.3	64.3	64.7	65.6	65.6	66.0	66.0	66.8	67.2
GE 16000	59.8	60.2	61.0	62.2	62.7	62.7	63.9	64.3	64.3	64.7	65.6	65.6	66.0	66.0	66.8	67.2
GE 14000	59.8	60.2	61.0	62.2	62.7	62.7	63.9	64.3	64.3	64.7	65.6	65.6	66.0	66.0	66.8	67.2
GE 12000	59.8	60.2	61.0	62.2	62.7	62.7	63.9	64.3	64.3	64.7	65.6	65.6	66.0	66.0	66.8	67.2
GE 10000	60.2	60.6	61.4	62.7	63.1	63.1	64.3	64.7	64.7	65.1	66.0	66.0	66.4	66.4	67.2	67.6
GE 9000	60.2	60.6	61.4	62.7	63.1	63.1	64.3	64.7	64.7	65.1	66.0	66.0	66.4	66.4	67.2	67.6
GE 8000	61.4	61.8	62.7	63.9	64.3	64.3	65.6	66.0	66.0	66.8	67.6	67.6	68.0	68.0	68.9	69.3
GE 7000	62.2	2.7	63.5	64.7	65.1	65.1	66.4	66.8	66.8	67.6	68.5	68.5	68.9	68.9	69.7	70.1
GE 6000	63.1	63.5	64.3	65.6	66.0	66.0	67.2	67.6	67.6	68.5	69.3	69.3	69.7	69.7	70.5	71.0
GE 5000	68.5	68.9	69.7	71.0	71.4	71.4	72.6	73.0	73.0	73.9	74.7	74.7	75.1	75.1	75.9	76.3
GE 4500	68.9	69.3	70.1	71.4	71.8	71.8	73.0	73.4	73.4	74.3	75.1	75.1	75.5	75.5	76.3	76.8
GE 4000	70.1	70.5	71.4	73.0	73.4	73.4	74.7	75.1	75.1	75.9	76.8	76.8	77.2	77.2	78.0	78.4
GE 3500	70.5	71.0	71.8	73.4	73.9	73.9	75.1	75.5	75.5	76.3	77.2	77.2	77.6	77.6	78.4	78.8
GE 3000	77.2	77.6	78.8	80.5	82.2	82.2	83.4	83.8	83.8	84.6	85.5	85.5	85.9	85.9	86.7	87.1
GE 2500	77.6	78.0	79.7	81.3	83.0	83.0	84.2	84.6	85.5	86.7	87.6	87.6	88.0	88.0	88.8	89.2
GE 2000	81.7	82.2	84.2	85.9	88.4	8.4	89.6	90.0	90.9	92.1	92.9	92.9	93.4	93.4	94.2	94.6
GE 1800	82.2	82.6	84.6	86.3	88.8	88.8	90.0	90.5	91.3	92.5	93.4	93.4	93.8	93.8	94.6	95.0
GE 1500	83.0	83.4	85.9	87.6	90.0	90.0	91.3	91.7	92.5	94.2	95.0	95.0	95.4	95.4	96.3	96.7
GE 1200	83.4	83.8	86.3	88.0	90.5	90.5	92.1	92.5	93.4	95.0	96.3	96.3	96.7	96.7	97.5	97.9
GE 1000	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.3	99.2	99.6
GE 900	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.3	99.2	99.6
GE 800	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.3	99.2	99.6
GE 700	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 600	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 500	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 400	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 300	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 200	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 100	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0
GE 000	83.4	83.8	86.7	88.4	91.3	91.3	93.4	93.8	94.6	96.7	97.9	97.9	98.3	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 241

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: NOV HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 20000	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 18000	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 16000	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 14000	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 12000	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 10000	59.6	61.7	62.6	64.3	65.7	65.7	67.0	67.4	67.4	69.1	69.1	69.1	69.1	69.1	70.0	71.7
GE 9000	60.0	62.2	63.0	64.8	66.1	66.1	67.4	67.8	67.8	69.6	69.6	69.6	69.6	69.6	70.4	72.2
GE 8000	60.0	62.2	63.0	64.8	66.1	66.1	67.4	67.8	67.8	69.6	69.6	69.6	69.6	69.6	70.4	72.2
GE 7000	60.0	62.2	63.0	64.8	66.1	66.1	67.4	67.8	67.8	69.6	69.6	69.6	69.6	69.6	70.4	72.2
GE 6000	60.4	62.6	63.5	65.2	66.5	66.5	67.8	68.3	68.3	70.0	70.0	70.0	70.0	70.0	70.9	72.6
GE 5000	63.9	66.1	67.0	68.7	70.0	70.0	71.3	71.7	71.7	73.5	73.5	73.5	73.5	73.5	74.3	76.1
GE 4500	63.9	66.1	67.4	69.1	70.4	70.4	71.7	72.2	72.2	73.9	73.9	73.9	73.9	73.9	74.8	76.5
GE 4000	65.7	67.8	69.1	70.9	72.6	72.6	73.9	74.3	74.3	76.1	76.1	76.1	76.1	76.1	77.0	78.7
GE 3500	66.5	68.7	70.0	71.7	73.5	73.5	74.8	75.2	75.2	77.0	77.0	77.0	77.0	77.0	77.8	79.6
GE 3000	72.6	76.1	78.7	80.4	82.2	82.2	83.5	83.9	83.9	85.7	85.7	85.7	85.7	85.7	86.5	88.3
GE 2500	73.9	77.4	80.9	82.6	84.8	84.8	86.1	86.5	86.5	88.3	88.3	88.3	88.3	88.3	89.1	90.9
GE 2000	76.1	80.0	83.9	85.7	88.7	88.7	90.4	90.9	90.9	93.0	93.0	93.0	93.0	93.0	93.9	95.7
GE 1800	76.1	80.0	83.9	85.7	88.7	88.7	90.4	90.9	90.9	93.0	93.0	93.0	93.0	93.0	93.9	95.7
GE 1500	76.5	80.9	85.7	87.4	90.4	90.4	93.0	93.5	93.5	95.7	95.7	95.7	95.7	95.7	96.5	98.3
GE 1200	76.5	80.9	85.7	87.4	90.4	90.4	93.0	93.5	93.5	95.7	95.7	95.7	95.7	95.7	96.5	98.3
GE 1000	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 900	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 800	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 700	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 600	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 500	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 400	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 300	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 200	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 100	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0
GE 000	77.0	81.3	86.1	87.8	91.3	91.3	93.9	94.3	94.3	96.5	96.5	96.5	97.4	97.4	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 230

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	55.1	56.4	57.1	58.2	59.1	59.1	59.8	60.2	60.2	61.3	61.7	61.7	62.3	62.3	63.2	63.7
GE 20000	55.1	56.4	57.1	58.2	59.1	59.1	59.8	60.2	60.2	61.3	61.7	61.7	62.3	62.3	63.2	63.7
GE 18000	55.2	56.5	57.2	58.3	59.2	59.2	59.9	60.3	60.3	61.4	61.8	61.8	62.4	62.4	63.3	63.8
GE 16000	55.2	56.5	57.2	58.3	59.2	59.2	59.9	60.3	60.3	61.4	61.8	61.8	62.4	62.4	63.3	63.8
GE 14000	55.2	56.6	57.2	58.3	59.2	59.2	60.0	60.3	60.4	61.4	61.9	61.9	62.4	62.5	63.4	63.8
GE 12000	55.3	56.7	57.3	58.4	59.3	59.3	60.1	60.4	60.5	61.5	62.0	62.0	62.5	62.6	63.5	63.9
GE 10000	55.8	57.1	57.8	58.9	59.8	59.8	60.5	60.9	61.0	62.0	62.4	62.4	63.0	63.1	64.0	64.4
GE 9000	55.9	57.3	57.9	59.0	59.9	59.9	60.7	61.1	61.1	62.2	62.6	62.6	63.2	63.2	64.1	64.5
GE 8000	56.5	57.9	58.5	59.7	60.5	60.5	61.4	61.8	61.8	62.9	63.3	63.3	63.9	64.0	64.9	65.3
GE 7000	57.2	58.6	59.2	60.3	61.2	61.2	62.1	62.4	62.5	63.6	64.0	64.0	64.6	64.7	65.5	66.0
GE 6000	58.9	60.2	60.9	62.0	63.0	63.0	63.9	64.2	64.3	65.4	65.8	65.8	66.4	66.4	67.3	67.8
GE 5000	62.9	64.3	65.1	66.3	67.2	67.2	68.1	68.5	68.5	69.6	70.1	70.1	70.6	70.7	71.6	72.0
GE 4500	63.2	64.6	65.4	66.6	67.6	67.6	68.5	68.9	69.0	70.1	70.5	70.5	71.1	71.1	72.0	72.4
GE 4000	65.1	66.6	67.5	68.9	70.1	70.1	71.0	71.4	71.4	72.5	73.0	73.0	73.5	73.6	74.5	74.9
GE 3500	65.8	67.3	68.2	69.5	70.9	70.9	71.8	72.2	72.2	73.3	73.8	73.8	74.3	74.4	75.3	75.7
GE 3000	74.1	76.1	77.6	78.9	80.8	80.8	81.8	82.2	82.2	83.3	83.7	83.7	84.3	84.4	85.3	85.7
GE 2500	75.1	77.1	79.0	80.3	82.3	82.3	83.4	83.7	84.0	85.1	85.5	85.5	86.1	86.2	87.1	87.5
GE 2000	78.9	81.1	83.8	85.1	87.8	87.8	89.3	89.8	90.0	91.3	91.7	91.7	92.3	92.4	93.3	93.7
GE 1800	79.1	81.3	84.2	85.6	88.4	88.4	89.8	90.3	90.5	91.9	92.3	92.3	92.9	93.0	93.8	94.3
GE 1500	80.2	82.4	85.5	87.0	89.8	89.8	91.7	92.3	92.5	94.0	94.4	94.4	95.0	95.0	95.9	96.3
GE 1200	80.5	82.7	85.8	87.3	90.4	90.4	92.4	93.1	93.3	94.7	95.2	95.2	95.8	95.9	96.8	97.2
GE 1000	80.7	83.0	86.1	87.6	90.8	90.8	93.1	93.8	94.1	95.7	96.3	96.3	97.3	97.3	98.3	98.7
GE 900	80.8	83.1	86.2	87.7	91.0	91.0	93.2	94.0	94.2	95.8	96.4	96.4	97.4	97.4	98.4	98.8
GE 800	80.8	83.1	86.2	87.7	91.0	91.0	93.3	94.1	94.3	95.9	96.5	96.5	97.5	97.6	98.6	99.0
GE 700	80.8	83.1	86.2	87.7	91.0	91.0	93.3	94.1	94.3	96.0	96.5	96.5	97.6	97.8	98.7	99.2
GE 600	80.8	83.1	86.2	87.7	91.0	91.0	93.4	94.2	94.4	96.4	96.9	96.9	98.0	98.2	99.2	99.6
GE 500	80.8	83.1	86.2	87.7	91.0	91.0	93.4	94.2	94.4	96.4	96.9	96.9	98.1	98.3	99.3	99.7
GE 400	80.8	83.1	86.2	87.7	91.0	91.0	93.4	94.2	94.4	96.4	96.9	96.9	98.1	98.3	99.3	99.7
GE 300	80.8	83.1	86.2	87.7	91.0	91.0	93.4	94.2	94.4	96.4	96.9	96.9	98.2	98.4	99.4	99.8
GE 200	80.8	83.1	86.2	87.7	91.0	91.0	93.4	94.2	94.4	96.4	96.9	96.9	98.3	98.5	99.5	99.9
GE 100	80.9	83.2	86.3	87.8	91.1	91.1	93.4	94.3	94.5	96.5	97.0	97.0	98.3	98.5	99.5	100.0
GE 000	80.9	83.2	86.3	87.8	91.1	91.1	93.4	94.3	94.5	96.5	97.0	97.0	98.3	98.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 1901

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 20000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 18000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 16000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 14000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 12000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 10000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 9000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 8000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 7000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 6000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 5000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4500	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 4000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3500	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 3000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	98.4
GE 600	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	98.4
GE 500	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	98.4
GE 400	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	98.4
GE 300	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	98.4
GE 200	63.9	70.5	72.1	73.8	78.7	78.7	91.8	91.8	91.8	96.7	96.7	96.7	96.7	96.7	96.7	98.4
GE 100	63.9	70.5	73.8	75.4	80.3	80.3	93.4	93.4	93.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0
GE 000	63.9	70.5	73.8	75.4	80.3	80.3	93.4	93.4	93.4	98.4	98.4	98.4	98.4	98.4	98.4	100.0

TOTAL NUMBER OF OBSERVATIONS 61

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 20000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 18000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 16000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 14000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 12000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 10000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 9000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 8000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 7000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 6000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 5000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 4500	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 4000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 3500	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 3000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 2500	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 2000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 1800	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 1500	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 1200	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 1000	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 900	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 800	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 700	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 600	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 500	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 400	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 300	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 200	71.4	71.4	75.0	82.1	83.9	83.9	91.1	91.1	91.1	94.6	94.6	94.6	94.6	94.6	94.6	98.2
GE 100	71.4	71.4	75.0	83.9	85.7	85.7	92.9	92.9	92.9	96.4	96.4	96.4	96.4	96.4	96.4	100.0
GE 000	71.4	71.4	75.0	83.9	85.7	85.7	92.9	92.9	92.9	96.4	96.4	96.4	96.4	96.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 56

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	47.5	47.5	47.8	48.2	50.0	50.0	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 20000	47.5	47.5	47.8	48.2	50.0	50.0	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 18000	47.5	47.5	47.8	48.2	50.0	50.0	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 16000	47.5	47.5	47.8	48.2	50.0	50.0	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 14000	47.5	47.5	47.8	48.2	50.0	50.0	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 12000	47.5	47.5	47.8	48.2	50.0	50.0	51.1	51.1	51.1	51.8	51.8	51.8	51.8	51.8	51.8	52.2
GE 10000	48.2	48.2	48.6	48.9	50.7	50.7	51.8	51.8	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.9
GE 9000	48.2	48.2	48.6	48.9	50.7	50.7	51.8	51.8	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.9
GE 8000	48.2	48.2	48.6	48.9	50.7	50.7	51.8	51.8	51.8	52.5	52.5	52.5	52.5	52.5	52.5	52.9
GE 7000	50.0	50.0	50.4	50.7	52.5	52.5	53.6	53.6	53.6	54.3	54.3	54.3	54.3	54.3	54.3	54.7
GE 6000	50.7	50.7	51.1	51.4	53.3	53.3	54.3	54.3	54.3	55.1	55.1	55.1	55.1	55.1	55.1	55.4
GE 5000	56.5	56.5	56.9	57.2	59.1	59.1	60.1	60.1	60.1	60.9	60.9	60.9	60.9	60.9	60.9	61.2
GE 4500	56.5	56.5	56.9	57.2	59.1	59.1	60.1	60.1	60.1	60.9	60.9	60.9	60.9	60.9	60.9	61.2
GE 4000	62.0	62.0	62.3	62.7	64.5	64.5	65.6	65.6	65.6	66.3	66.3	66.3	66.3	66.3	66.3	66.7
GE 3500	63.0	63.0	63.4	63.8	65.6	65.6	66.7	66.7	66.7	67.4	67.4	67.4	67.4	67.4	67.4	67.8
GE 3000	76.1	76.1	76.4	76.8	78.6	78.6	79.7	79.7	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.8
GE 2500	76.8	76.8	77.2	77.5	80.1	80.1	81.2	81.2	81.2	81.9	81.9	81.9	81.9	81.9	81.9	82.2
GE 2000	86.6	86.6	88.0	88.4	92.0	92.0	93.8	93.8	93.8	94.6	94.6	94.6	94.6	94.6	94.6	94.9
GE 1800	86.6	86.6	88.0	88.4	92.0	92.0	94.2	94.2	94.2	94.9	94.9	94.9	94.9	94.9	94.9	95.3
GE 1500	86.6	86.6	88.0	88.8	93.1	93.1	95.3	95.3	95.3	96.7	96.7	96.7	96.7	96.7	96.7	97.1
GE 1200	87.0	87.0	88.4	89.1	93.5	93.5	95.7	95.7	95.7	97.1	97.1	97.1	97.5	97.5	97.5	97.8
GE 1000	87.7	87.7	89.1	89.9	94.2	94.2	96.7	96.7	96.7	98.2	98.2	98.2	98.6	98.6	98.6	98.9
GE 900	87.7	87.7	89.5	90.2	94.6	94.6	97.1	97.1	97.1	98.6	98.6	98.6	98.9	98.9	98.9	99.3
GE 800	87.7	87.7	89.5	90.2	94.6	94.6	97.1	97.1	97.1	98.6	98.6	98.6	98.9	98.9	98.9	99.3
GE 700	87.7	87.7	89.5	90.2	94.6	94.6	97.1	97.1	97.1	98.6	98.6	98.6	98.9	98.9	98.9	99.3
GE 600	88.0	88.0	89.9	90.6	94.9	94.9	97.5	97.5	97.5	98.9	98.9	98.9	99.3	99.3	99.3	99.6
GE 500	88.0	88.0	89.9	90.6	95.3	95.3	97.8	97.8	97.8	99.3	99.3	99.3	99.6	99.6	99.6	100.0
GE 400	88.0	88.0	89.9	90.6	95.3	95.3	97.8	97.8	97.8	99.3	99.3	99.3	99.6	99.6	99.6	100.0
GE 300	88.0	88.0	89.9	90.6	95.3	95.3	97.8	97.8	97.8	99.3	99.3	99.3	99.6	99.6	99.6	100.0
GE 200	88.0	88.0	89.9	90.6	95.3	95.3	97.8	97.8	97.8	99.3	99.3	99.3	99.6	99.6	99.6	100.0
GE 100	88.0	88.0	89.9	90.6	95.3	95.3	97.8	97.8	97.8	99.3	99.3	99.3	99.6	99.6	99.6	100.0
GE 000	88.0	88.0	89.9	90.6	95.3	95.3	97.8	97.8	97.8	99.3	99.3	99.3	99.6	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 276

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	36.2	39.8	40.4	40.4	41.9	41.9	43.8	43.8	43.8	45.6	45.9	45.9	45.9	45.9	45.9	46.8
GE 20000	36.2	39.8	40.4	40.4	41.9	41.9	43.8	43.8	43.8	45.6	45.9	45.9	45.9	45.9	45.9	46.8
GE 18000	36.2	39.8	40.4	40.4	41.9	41.9	43.8	43.8	43.8	45.6	45.9	45.9	45.9	45.9	45.9	46.8
GE 16000	36.2	39.8	40.4	40.4	41.9	41.9	43.8	43.8	43.8	45.6	45.9	45.9	45.9	45.9	45.9	46.8
GE 14000	36.5	40.1	40.7	40.7	42.2	42.2	44.1	44.1	44.1	45.9	46.2	46.2	46.2	46.2	46.2	47.1
GE 12000	36.5	40.1	40.7	40.7	42.2	42.2	44.1	44.1	44.1	45.9	46.2	46.2	46.2	46.2	46.2	47.1
GE 10000	36.8	40.4	41.0	41.0	42.6	42.6	44.4	44.4	44.4	46.2	46.5	46.5	46.5	46.5	46.5	47.4
GE 9000	36.8	40.4	41.0	41.0	42.6	42.6	44.4	44.4	44.4	46.2	46.5	46.5	46.5	46.5	46.5	47.4
GE 8000	37.4	41.0	41.6	41.6	43.2	43.2	45.0	45.0	45.0	46.8	47.1	47.1	47.1	47.1	47.1	48.0
GE 7000	39.5	43.2	43.8	43.8	45.3	45.3	47.1	47.1	47.1	48.9	49.2	49.2	49.2	49.2	49.2	50.2
GE 6000	41.9	45.6	46.2	46.2	47.7	47.7	49.5	49.5	49.5	51.4	51.7	51.7	51.7	51.7	51.7	52.6
GE 5000	48.6	53.5	54.4	54.4	55.9	55.9	57.8	57.8	57.8	59.6	59.9	59.9	59.9	59.9	59.9	60.8
GE 4500	49.8	54.7	55.6	55.6	57.1	57.1	59.3	59.3	59.3	61.1	61.4	61.4	61.4	61.4	61.4	62.3
GE 4000	51.7	56.5	58.1	58.1	59.6	59.6	61.7	61.7	61.7	63.5	63.8	63.8	63.8	63.8	63.8	64.7
GE 3500	52.6	57.8	59.3	59.3	61.1	61.1	63.2	63.2	63.2	65.0	65.3	65.3	65.3	65.3	65.3	66.3
GE 3000	64.1	71.1	72.6	72.6	74.5	74.5	76.6	76.6	76.6	78.4	78.7	78.7	78.7	78.7	78.7	79.6
GE 2500	64.7	72.3	74.5	74.5	76.6	76.6	78.7	78.7	78.7	80.5	80.9	80.9	80.9	80.9	80.9	81.8
GE 2000	72.6	80.9	84.5	84.5	86.6	86.6	89.4	89.4	89.4	91.2	91.5	91.5	91.5	91.5	91.5	92.4
GE 1800	72.6	80.9	84.5	84.5	86.6	86.6	89.4	89.7	90.0	91.8	92.1	92.1	92.1	92.1	92.1	93.0
GE 1500	73.3	81.8	85.7	86.0	88.4	88.4	91.2	91.5	91.8	93.6	93.9	93.9	93.9	93.9	93.9	94.8
GE 1200	73.6	82.1	86.0	86.3	88.8	88.8	91.5	91.8	92.1	93.9	94.5	94.5	94.5	94.5	94.5	95.4
GE 1000	73.9	82.7	86.9	87.2	89.7	89.7	92.7	93.0	93.3	95.4	96.0	96.0	97.0	97.0	97.0	97.9
GE 900	73.9	82.7	86.9	87.2	89.7	89.7	92.7	93.0	93.3	95.4	96.0	96.0	97.0	97.0	97.0	97.9
GE 800	73.9	82.7	86.9	87.2	90.0	90.0	93.0	93.3	93.6	95.7	96.4	96.4	97.6	97.6	97.6	98.5
GE 700	73.9	82.7	87.2	87.5	90.3	90.3	93.3	93.6	93.9	96.0	96.7	96.7	97.9	97.9	97.9	98.8
GE 600	73.9	82.7	87.2	87.5	90.3	90.3	93.3	93.6	93.9	96.0	96.7	96.7	97.9	98.2	98.2	99.1
GE 500	73.9	82.7	87.2	87.5	90.3	90.3	93.3	93.6	93.9	96.0	96.7	96.7	97.9	98.2	98.2	99.1
GE 400	73.9	82.7	87.2	87.5	90.3	90.3	93.9	94.2	94.5	96.7	97.3	97.3	98.5	98.8	98.8	99.7
GE 300	73.9	82.7	87.2	87.5	90.3	90.3	93.9	94.2	94.5	96.7	97.3	97.3	98.5	98.8	98.8	99.7
GE 200	73.9	82.7	87.2	87.5	90.3	90.3	93.9	94.2	94.5	96.7	97.3	97.3	98.5	98.8	98.8	99.7
GE 100	73.9	82.7	87.2	87.5	90.3	90.3	93.9	94.2	94.5	97.0	97.6	97.6	98.8	99.1	99.1	100.0
GE 000	73.9	82.7	87.2	87.5	90.3	90.3	93.9	94.2	94.5	97.0	97.6	97.6	98.8	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 329

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	32.1	33.5	35.3	35.3	39.9	39.9	43.1	43.1	43.1	45.0	45.9	45.9	46.3	46.3	46.3	46.3
GE 20000	32.6	33.9	35.8	35.8	40.4	40.4	43.6	43.6	43.6	45.4	46.3	46.3	46.8	46.8	46.8	46.8
GE 18000	33.0	34.4	36.2	36.2	40.8	40.8	44.0	44.0	44.0	45.9	46.8	46.8	47.2	47.2	47.2	47.2
GE 16000	33.0	34.4	36.2	36.2	40.8	40.8	44.0	44.0	44.0	45.9	46.8	46.8	47.2	47.2	47.2	47.2
GE 14000	33.5	34.9	36.7	36.7	41.3	41.3	44.5	44.5	44.5	46.3	47.2	47.2	47.7	47.7	47.7	47.7
GE 12000	33.5	34.9	36.7	36.7	41.3	41.3	44.5	44.5	44.5	46.3	47.2	47.2	47.7	47.7	47.7	47.7
GE 10000	34.4	35.8	38.1	38.1	42.7	42.7	46.3	46.3	46.3	48.2	49.1	49.1	49.5	49.5	49.5	49.5
GE 9000	34.4	35.8	38.1	38.1	42.7	42.7	46.3	46.3	46.3	48.2	49.1	49.1	49.5	49.5	49.5	49.5
GE 8000	34.9	36.2	38.5	38.5	43.1	43.1	46.8	46.8	46.8	48.6	49.5	49.5	50.0	50.0	50.0	50.0
GE 7000	37.2	38.5	40.8	40.8	45.4	45.4	49.1	49.1	49.1	50.9	51.8	51.8	52.3	52.3	52.3	52.3
GE 6000	39.9	41.3	43.6	43.6	48.2	48.2	51.8	51.8	51.8	53.7	54.6	54.6	55.0	55.0	55.0	55.0
GE 5000	50.5	51.8	54.1	54.1	58.7	58.7	62.4	62.4	62.4	64.2	65.1	65.1	65.6	65.6	65.6	65.6
GE 4500	52.3	53.7	56.0	56.0	60.6	60.6	64.2	64.2	64.2	66.1	67.0	67.0	67.4	67.4	67.4	67.4
GE 4000	56.0	57.8	60.1	60.1	64.7	64.7	68.3	68.3	68.3	70.2	71.1	71.1	71.6	71.6	71.6	71.6
GE 3500	56.4	58.3	60.6	60.6	65.1	65.1	68.8	68.8	68.8	70.6	71.6	71.6	72.0	72.0	72.0	72.0
GE 3000	63.8	65.6	68.3	68.8	73.9	73.9	77.5	77.5	77.5	79.4	80.3	80.3	80.7	80.7	80.7	80.7
GE 2500	65.6	67.4	70.6	71.1	77.1	77.1	80.7	81.2	81.2	83.0	83.9	83.9	84.4	84.4	84.4	84.4
GE 2000	70.2	72.0	76.1	76.6	83.0	83.0	86.7	87.2	87.2	89.0	89.9	89.9	90.4	90.4	90.4	90.4
GE 1800	70.6	72.5	76.6	78.4	84.9	84.9	88.5	89.4	89.4	91.3	92.2	92.2	92.7	92.7	92.7	92.7
GE 1500	71.6	73.4	77.5	79.8	86.2	86.2	89.9	90.8	90.8	92.7	93.6	93.6	94.0	94.0	94.0	94.0
GE 1200	71.6	73.4	78.0	80.3	86.7	86.7	90.8	91.7	91.7	93.6	94.5	94.5	95.0	95.0	95.0	95.0
GE 1000	72.0	73.9	78.9	81.2	88.1	88.1	92.2	93.1	93.1	95.0	95.9	95.9	96.3	96.3	96.3	96.3
GE 900	72.0	73.9	79.4	81.7	88.5	88.5	92.7	93.6	93.6	95.4	96.3	96.3	96.8	96.8	96.8	96.8
GE 800	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	95.9	96.8	96.8	97.2	97.2	97.2	97.2
GE 700	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	96.3	97.2	97.2	97.7	97.7	97.7	97.7
GE 600	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	96.3	97.2	97.2	98.2	98.2	98.2	98.2
GE 500	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	96.3	97.2	97.2	98.2	98.2	98.2	98.2
GE 400	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	96.3	97.2	97.2	98.2	98.2	98.2	98.2
GE 300	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	96.3	97.2	97.2	98.2	98.2	98.2	98.2
GE 200	72.0	73.9	79.4	81.7	89.0	89.0	93.1	94.0	94.0	96.3	97.2	97.2	98.2	98.2	98.6	98.6
GE 100	72.5	74.3	79.8	82.1	89.4	89.4	94.0	95.0	95.0	97.7	98.6	98.6	99.5	99.5	100.0	100.0
GE 000	72.5	74.3	79.8	82.1	89.4	89.4	94.0	95.0	95.0	97.7	98.6	98.6	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 218

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	30.5	31.1	32.8	34.1	36.4	36.4	38.4	38.4	38.4	39.7	39.7	39.7	40.1	40.1	40.1	40.7
GE 20000	30.5	31.1	32.8	34.1	36.4	36.4	38.4	38.4	38.4	39.7	39.7	39.7	40.1	40.1	40.1	40.7
GE 18000	30.5	31.1	32.8	34.1	36.4	36.4	38.4	38.4	38.4	39.7	39.7	39.7	40.1	40.1	40.1	40.7
GE 16000	30.5	31.1	32.8	34.1	36.4	36.4	38.4	38.4	38.4	39.7	39.7	39.7	40.1	40.1	40.1	40.7
GE 14000	30.8	31.5	33.1	34.4	36.8	36.8	38.7	38.7	38.7	40.1	40.1	40.1	40.4	40.4	40.4	41.1
GE 12000	30.8	31.5	33.1	34.4	36.8	36.8	38.7	38.7	38.7	40.1	40.1	40.1	40.4	40.4	40.4	41.1
GE 10000	31.8	32.5	34.1	35.4	37.7	37.7	39.7	39.7	39.7	41.1	41.1	41.1	41.4	41.4	41.4	42.1
GE 9000	31.8	32.5	34.1	35.4	37.7	37.7	39.7	39.7	39.7	41.1	41.1	41.1	41.4	41.4	41.4	42.1
GE 8000	32.1	32.8	34.4	35.8	38.1	38.1	40.1	40.1	40.1	41.4	41.4	41.4	41.7	41.7	41.7	42.4
GE 7000	34.1	34.8	36.4	37.7	40.1	40.1	42.1	42.1	42.1	43.4	43.4	43.4	43.7	43.7	43.7	44.4
GE 6000	37.4	38.1	40.1	41.4	43.7	43.7	45.7	45.7	45.7	47.0	47.0	47.0	47.4	47.4	47.4	48.0
GE 5000	46.4	47.0	49.7	51.0	53.3	53.3	55.6	55.6	55.6	57.0	57.0	57.0	57.3	57.3	57.3	57.9
GE 4500	47.7	48.3	51.0	52.3	54.6	54.6	57.0	57.0	57.0	58.3	58.3	58.3	58.6	58.6	58.6	59.3
GE 4000	52.6	53.3	56.0	57.6	59.9	59.9	62.3	62.3	62.3	63.6	63.6	63.6	63.9	63.9	63.9	64.6
GE 3500	54.6	55.3	57.9	59.6	61.9	61.9	64.2	64.2	64.2	65.6	65.6	65.6	65.9	65.9	65.9	66.6
GE 3000	68.5	69.2	72.2	73.8	76.8	76.3	79.1	79.1	79.1	80.5	80.5	80.5	80.8	80.8	80.8	81.5
GE 2500	71.2	72.2	75.5	77.2	80.1	80.1	82.5	82.5	82.5	83.8	83.8	83.8	84.1	84.1	84.1	84.8
GE 2000	76.5	78.1	81.5	83.1	86.4	86.4	89.1	89.4	89.7	91.1	91.1	91.1	91.4	91.4	91.4	92.1
GE 1800	77.5	79.1	82.5	84.1	88.1	88.1	91.4	91.7	92.1	93.7	93.7	93.7	94.0	94.0	94.0	94.7
GE 1500	77.8	79.5	83.1	84.8	89.1	89.1	92.7	93.0	93.4	95.4	95.4	95.4	95.7	95.7	95.7	96.4
GE 1200	78.1	79.8	83.4	85.1	89.4	89.4	93.0	93.4	93.7	95.7	96.0	96.0	96.4	96.4	96.4	97.0
GE 1000	78.5	80.1	84.1	85.8	90.1	90.1	94.0	94.4	94.7	97.0	97.4	97.4	98.0	98.0	98.0	98.7
GE 900	78.5	80.1	84.1	85.8	90.4	90.4	94.4	94.7	95.0	97.4	97.7	97.7	98.3	98.3	98.3	99.0
GE 800	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	99.7
GE 700	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	99.7
GE 600	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0
GE 500	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0
GE 400	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0
GE 300	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0
GE 200	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0
GE 100	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0
GE 000	79.1	80.8	84.8	86.4	91.1	91.1	95.0	95.4	95.7	98.0	98.3	98.3	99.0	99.0	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 302

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: DEC HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	43.6	43.6	45.8	46.6	48.7	48.7	51.7	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.5
GE 20000	43.6	43.6	45.8	46.6	48.7	48.7	51.7	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.5
GE 18000	43.6	43.6	45.8	46.6	48.7	48.7	51.7	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.5
GE 16000	43.6	43.6	45.8	46.6	48.7	48.7	51.7	51.7	51.7	52.1	52.1	52.1	52.1	52.1	52.1	52.5
GE 14000	44.1	44.1	46.2	47.0	49.2	49.2	52.1	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	53.0
GE 12000	44.1	44.1	46.2	47.0	49.2	49.2	52.1	52.1	52.1	52.5	52.5	52.5	52.5	52.5	52.5	53.0
GE 10000	44.5	44.5	46.6	47.5	49.6	49.6	52.5	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.4
GE 9000	44.5	44.5	46.6	47.5	49.6	49.6	52.5	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.4
GE 8000	44.5	44.5	46.6	47.5	49.6	49.6	52.5	52.5	52.5	53.0	53.0	53.0	53.0	53.0	53.0	53.4
GE 7000	46.6	46.6	48.7	49.6	51.7	51.7	54.7	54.7	54.7	55.1	55.1	55.1	55.1	55.1	55.1	55.5
GE 6000	49.6	49.6	51.7	52.5	54.7	54.7	57.6	57.6	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.5
GE 5000	56.8	56.8	58.9	59.7	61.9	61.9	64.8	64.8	64.8	65.3	65.3	65.3	65.3	65.3	65.3	65.7
GE 4500	57.6	57.6	59.7	60.6	62.7	62.7	65.7	65.7	65.7	66.1	66.1	66.1	66.1	66.1	66.1	66.5
GE 4000	62.7	62.7	65.3	66.1	68.2	68.2	71.2	71.2	71.2	71.6	71.6	71.6	71.6	71.6	71.6	72.0
GE 3500	63.1	63.1	65.7	66.9	69.5	69.5	72.5	72.5	72.5	72.9	72.9	72.9	72.9	72.9	72.9	73.3
GE 3000	73.7	73.7	77.1	78.4	80.9	80.9	83.9	83.9	83.9	84.3	84.3	84.3	84.3	84.3	84.3	84.7
GE 2500	75.8	75.8	79.7	80.9	83.5	83.5	86.9	86.9	86.9	87.3	87.3	87.3	87.3	87.3	87.3	87.7
GE 2000	79.7	79.7	83.5	84.7	90.3	90.3	93.6	93.6	93.6	94.1	94.1	94.1	94.1	94.1	94.1	94.5
GE 1800	79.7	79.7	84.3	85.6	91.1	91.1	94.5	94.5	94.5	95.3	95.3	95.3	95.3	95.3	95.3	95.8
GE 1500	80.9	80.9	86.0	87.3	93.2	93.2	96.6	96.6	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.9
GE 1200	80.9	80.9	86.0	87.3	93.2	93.2	96.6	96.6	96.6	97.5	97.5	97.5	97.5	97.5	97.5	97.9
GE 1000	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 900	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 800	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 700	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 600	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 500	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	98.7	99.2
GE 400	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	99.2	99.6
GE 300	81.8	81.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	98.7	99.2	99.6
GE 200	81.8	8.8	87.3	88.6	94.5	94.5	97.9	97.9	97.9	98.7	98.7	98.7	98.7	99.2	99.2	99.6
GE 100	82.2	82.2	87.7	89.0	94.9	94.9	98.3	98.3	98.3	99.2	99.2	99.2	99.2	99.2	99.6	100.0
GE 000	82.2	82.2	87.7	89.0	94.9	94.9	98.3	98.3	98.3	99.2	99.2	99.2	99.2	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 236

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 20000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 18000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 16000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 12000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 10000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 8000	48.2	51.3	51.8	53.3	56.3	56.3	56.9	56.9	56.9	57.9	58.4	58.4	58.4	58.4	58.4	58.4
GE 7000	49.2	52.8	53.3	54.8	57.9	57.9	58.4	58.4	58.4	59.4	59.9	59.9	59.9	59.9	59.9	59.9
GE 6000	53.3	56.9	57.4	58.9	61.9	61.9	62.4	62.4	62.4	63.5	64.0	64.0	64.0	64.0	64.0	64.0
GE 5000	55.8	60.4	60.9	62.4	65.5	65.5	66.0	66.0	66.0	67.0	67.5	67.5	67.5	67.5	67.5	67.5
GE 4500	57.4	61.9	62.4	64.0	67.0	67.0	67.5	67.5	67.5	68.5	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	62.4	67.0	67.5	69.0	72.1	72.1	72.6	72.6	72.6	73.6	74.1	74.1	74.1	74.1	74.1	74.1
GE 3500	63.5	68.0	68.5	70.1	73.1	73.1	73.6	73.6	73.6	74.6	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	69.5	75.6	77.2	78.7	82.2	82.2	82.7	82.7	82.7	83.8	84.3	84.3	84.3	84.3	84.3	84.3
GE 2500	69.5	75.6	78.2	79.7	83.2	83.2	83.8	83.8	83.8	84.8	85.3	85.3	85.3	85.3	85.3	85.3
GE 2000	71.6	79.2	82.7	84.3	89.8	89.8	91.9	91.9	91.9	92.9	93.4	93.4	93.4	93.4	93.4	93.4
GE 1800	71.6	79.2	82.7	84.3	90.4	90.4	92.4	92.4	92.4	93.4	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	72.1	80.2	83.8	85.3	91.4	91.4	93.9	94.4	94.4	95.4	95.9	95.9	95.9	95.9	95.9	95.9
GE 1200	72.1	80.2	83.8	85.3	91.9	91.9	94.4	94.9	94.9	96.4	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	73.1	81.2	84.8	86.3	92.9	92.9	95.4	95.9	95.9	97.5	98.0	98.0	98.0	98.0	98.0	98.0
GE 900	73.1	81.2	84.8	86.3	92.9	92.9	95.9	96.4	96.4	98.0	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.5
GE 400	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.5
GE 300	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.5
GE 200	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	98.5	99.0	99.0	99.0	99.0	99.0	99.5
GE 100	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	99.0	99.5	99.5	99.5	99.5	99.5	100.0
GE 000	73.1	81.2	84.8	86.3	93.4	93.4	96.4	97.0	97.0	99.0	99.5	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 197

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	41.1	42.7	44.0	44.9	47.4	47.4	49.9	49.9	49.9	51.3	51.6	51.6	51.7	51.7	51.7	52.2
GE 20000	41.2	42.8	44.1	45.0	47.5	47.5	50.0	50.0	50.0	51.4	51.6	51.6	51.8	51.8	51.8	52.3
GE 18000	41.3	42.9	44.1	45.0	47.5	47.5	50.0	50.0	50.0	51.5	51.7	51.7	51.8	51.8	51.8	52.4
GE 16000	41.3	42.9	44.1	45.0	47.5	47.5	50.0	50.0	50.0	51.5	51.7	51.7	51.8	51.8	51.8	52.4
GE 14000	41.5	43.1	44.4	45.3	47.8	47.8	50.3	50.3	50.3	51.7	51.9	51.9	52.1	52.1	52.1	52.6
GE 12000	41.5	43.1	44.4	45.3	47.8	47.8	50.3	50.3	50.3	51.7	51.9	51.9	52.1	52.1	52.1	52.6
GE 10000	42.0	43.6	45.0	45.9	48.4	48.4	50.9	50.9	50.9	52.4	52.6	52.6	52.7	52.7	52.7	53.3
GE 9000	42.0	43.6	45.0	45.9	48.4	48.4	50.9	50.9	50.9	52.4	52.6	52.6	52.7	52.7	52.7	53.3
GE 8000	42.3	43.9	45.2	46.1	48.6	48.6	51.2	51.2	51.2	52.6	52.8	52.8	53.0	53.0	53.0	53.5
GE 7000	44.1	45.7	47.0	47.9	50.4	50.4	53.0	53.0	53.0	54.4	54.7	54.7	54.8	54.8	54.8	55.3
GE 6000	46.5	48.2	49.6	50.4	53.0	53.0	55.5	55.5	55.5	57.0	57.2	57.2	57.3	57.3	57.3	57.9
GE 5000	53.1	55.1	56.7	57.6	60.1	60.1	62.7	62.7	62.7	64.1	64.4	64.4	64.5	64.5	64.5	65.0
GE 4500	54.1	56.1	57.7	58.6	61.1	61.1	63.8	63.8	63.8	65.2	65.4	65.4	65.6	65.6	65.6	66.1
GE 4000	58.0	60.1	61.9	62.8	65.3	65.3	68.0	68.0	68.0	69.4	69.7	69.7	69.8	69.8	69.8	70.3
GE 3500	59.0	61.1	62.9	63.9	66.5	66.5	69.2	69.2	69.2	70.6	70.9	70.9	71.0	71.0	71.0	71.5
GE 3000	69.1	71.8	73.9	74.9	77.8	77.8	80.5	80.5	80.5	81.9	82.1	82.1	82.3	82.3	82.3	82.8
GE 2500	70.3	73.2	75.7	76.8	79.9	79.9	82.7	82.7	82.7	84.2	84.4	84.4	84.5	84.5	84.5	85.1
GE 2000	75.8	79.1	82.3	83.4	87.5	87.5	90.7	90.9	90.9	92.4	92.6	92.6	92.7	92.7	92.7	93.3
GE 1800	76.1	79.3	82.7	83.9	88.2	88.2	91.6	91.9	92.0	93.6	93.8	93.8	93.9	93.9	93.9	94.4
GE 1500	76.6	80.0	83.5	85.0	89.6	89.6	93.1	93.4	93.5	95.2	95.5	95.5	95.6	95.6	95.6	96.1
GE 1200	76.8	80.2	83.8	85.2	89.9	89.9	93.4	93.7	93.9	95.6	96.0	96.0	96.2	96.2	96.2	96.7
GE 1000	77.3	80.8	84.6	86.0	90.7	90.7	94.5	94.8	94.9	96.8	97.2	97.2	97.6	97.6	97.6	98.1
GE 900	77.3	80.8	84.7	86.1	90.9	90.9	94.7	95.0	95.2	97.1	97.4	97.4	97.9	97.9	97.9	98.4
GE 800	77.4	80.9	84.8	86.3	91.2	91.2	95.0	95.3	95.5	97.4	97.7	97.7	98.2	98.2	98.2	98.7
GE 700	77.4	80.9	84.9	86.3	91.3	91.3	95.1	95.4	95.5	97.5	97.9	97.9	98.3	98.3	98.3	98.9
GE 600	77.5	81.0	85.0	86.4	91.3	91.3	95.2	95.5	95.6	97.6	97.9	97.9	98.4	98.5	98.5	99.2
GE 500	77.5	81.0	85.0	86.4	91.4	91.4	95.2	95.5	95.6	97.6	98.0	98.0	98.5	98.6	98.6	99.3
GE 400	77.5	81.0	85.0	86.4	91.4	91.4	95.3	95.6	95.8	97.7	98.1	98.1	98.6	98.7	98.7	99.5
GE 300	77.5	81.0	85.0	86.4	91.4	91.4	95.3	95.6	95.8	97.7	98.1	98.1	98.6	98.7	98.7	99.5
GE 200	77.5	81.0	85.0	86.4	91.4	91.4	95.3	95.6	95.8	97.7	98.1	98.1	98.6	98.7	98.8	99.5
GE 100	77.6	81.1	85.1	86.6	91.6	91.6	95.6	95.9	96.1	98.2	98.6	98.6	99.1	99.2	99.3	100.0
GE 000	77.6	81.1	85.1	86.6	91.6	91.6	95.6	95.9	96.1	98.2	98.6	98.6	99.1	99.2	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 1675

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	58.3	59.5	61.1	62.2	63.3	63.3	64.3	64.4	64.4	65.0	65.1	65.1	65.3	65.3	65.5	65.7
GE 20000	58.6	59.8	61.4	62.4	63.6	63.6	64.6	64.7	64.7	65.3	65.4	65.4	65.6	65.6	65.8	66.0
GE 18000	58.8	60.0	61.6	62.7	63.8	63.8	64.8	64.9	64.9	65.6	65.6	65.6	65.8	65.9	66.0	66.2
GE 16000	58.8	60.0	61.7	62.7	63.9	63.9	64.9	64.9	64.9	65.6	65.7	65.7	65.9	65.9	66.0	66.2
GE 14000	59.3	60.6	62.2	63.2	64.4	64.4	65.4	65.5	65.5	66.1	66.2	66.2	66.4	66.4	66.6	66.8
GE 12000	59.7	61.0	62.6	63.6	64.8	64.8	65.8	65.9	65.9	66.6	66.6	66.6	66.8	66.9	67.0	67.2
GE 10000	61.2	62.4	64.1	65.1	66.3	66.3	67.3	67.4	67.4	68.0	68.1	68.1	68.3	68.3	68.5	68.6
GE 9000	61.7	62.9	64.6	65.7	66.9	66.9	67.9	68.0	68.0	68.6	68.7	68.7	68.9	68.9	69.0	69.2
GE 8000	62.9	64.1	65.8	66.9	68.0	68.0	69.1	69.2	69.2	69.8	69.9	69.9	70.1	70.1	70.3	70.4
GE 7000	65.0	66.3	68.0	69.0	70.2	70.2	71.3	71.4	71.4	72.0	72.1	72.1	72.3	72.3	72.5	72.7
GE 6000	67.5	68.8	70.5	71.5	72.8	72.8	73.8	73.9	73.9	74.6	74.6	74.6	74.8	74.9	75.0	75.2
GE 5000	71.2	72.5	74.3	75.4	76.6	76.6	77.7	77.8	77.8	78.5	78.6	78.6	78.8	78.8	78.9	79.1
GE 4500	71.9	73.2	75.0	76.1	77.4	77.4	78.4	78.5	78.5	79.2	79.3	79.3	79.5	79.5	79.7	79.9
GE 4000	76.0	77.3	79.2	80.3	81.6	81.6	82.7	82.8	82.8	83.5	83.6	83.6	83.8	83.8	84.0	84.2
GE 3500	76.7	78.1	80.0	81.1	82.4	82.4	83.5	83.6	83.7	84.4	84.4	84.4	84.7	84.7	84.8	85.0
GE 3000	81.7	83.2	85.3	86.4	87.9	87.9	89.0	89.2	89.2	89.9	90.0	90.0	90.2	90.2	90.4	90.6
GE 2500	83.0	84.5	86.8	87.9	89.5	89.5	90.7	90.8	90.9	91.6	91.7	91.7	91.9	91.9	92.1	92.3
GE 2000	85.7	87.3	89.8	91.0	92.8	92.8	94.1	94.3	94.4	95.2	95.3	95.3	95.5	95.5	95.7	95.9
GE 1800	85.9	87.5	90.1	91.2	93.1	93.1	94.4	94.7	94.7	95.6	95.7	95.7	95.9	95.9	96.1	96.3
GE 1500	86.3	88.0	90.7	91.9	93.8	93.8	95.3	95.6	95.6	96.6	96.7	96.8	97.0	97.0	97.1	97.4
GE 1200	86.5	88.1	90.9	92.1	94.0	94.1	95.6	95.9	96.0	97.0	97.2	97.2	97.4	97.4	97.6	97.8
GE 1000	86.9	88.6	91.4	92.6	94.7	94.7	96.3	96.7	96.7	97.8	98.0	98.0	98.3	98.3	98.5	98.7
GE 900	87.0	88.6	91.5	92.7	94.8	94.8	96.4	96.8	96.8	97.9	98.1	98.2	98.5	98.5	98.7	98.9
GE 800	87.0	88.7	91.5	92.8	94.9	94.9	96.5	96.9	97.0	98.0	98.3	98.3	98.6	98.7	98.9	99.1
GE 700	87.0	88.7	91.5	92.8	94.9	94.9	96.6	97.0	97.0	98.1	98.4	98.4	98.7	98.8	99.0	99.2
GE 600	87.1	88.7	91.6	92.9	95.0	95.0	96.7	97.1	97.1	98.2	98.5	98.5	98.9	98.9	99.1	99.4
GE 500	87.1	88.8	91.6	92.9	95.1	95.1	96.7	97.1	97.2	98.3	98.5	98.6	98.9	99.0	99.3	99.5
GE 400	87.1	88.8	91.6	92.9	95.1	95.1	96.7	97.1	97.2	98.3	98.6	98.6	99.0	99.0	99.3	99.5
GE 300	87.1	88.8	91.7	92.9	95.1	95.1	96.8	97.2	97.2	98.4	98.6	98.6	99.0	99.1	99.3	99.6
GE 200	87.1	88.8	91.7	92.9	95.1	95.1	96.8	97.2	97.2	98.4	98.6	98.7	99.0	99.1	99.4	99.6
GE 100	87.1	88.8	91.7	93.0	95.2	95.2	96.9	97.3	97.4	98.6	98.9	98.9	99.3	99.3	99.6	100.0
GE 000	87.1	88.8	91.7	93.0	95.2	95.2	96.9	97.3	97.4	98.6	98.9	98.9	99.3	99.3	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS: 24378

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	55.4	9.9	4.0	30.7		34.7	17.8	101
03-05	56.7	10.6	4.8	27.9		32.7	16.3	104
06-08	46.5	12.6	8.7	31.8	.3	40.9	14.7	286
09-11	40.1	16.3	14.4	28.5	.8	43.6	11.7	369
12-14	43.7	12.2	17.5	26.6		44.1	10.8	286
15-17	34.0	16.5	17.3	32.2		49.5	10.7	382
18-20	40.4	13.8	12.8	32.6	.4	45.7	13.5	282
21-23	50.7	10.5	7.7	30.1	1.0	38.8	17.7	209
ALL HOURS	43.1	13.7	12.6	30.2	.3	43.2	13.2	2019

MONTH: FEB HOURS: ALL

00-02	77.1	7.3	5.2	10.4		15.6	6.3	96
03-05	71.6	7.4	5.3	15.8		21.1	6.3	95
06-08	43.8	17.2	12.1	26.6	.3	39.1	11.8	297
09-11	36.2	17.0	23.0	23.0	.8	46.8	11.6	370
12-14	44.8	13.1	19.8	21.8	.4	42.1	6.0	252
15-17	39.9	14.6	20.1	24.5	.9	45.5	3.2	343
18-20	47.8	15.9	16.6	17.6	2.0	36.2	5.0	301
21-23	63.3	11.4	9.6	15.3	.4	25.3	5.2	229
ALL HOURS	47.7	14.4	16.2	21.0	.8	38.0	7.2	1983

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	78.9	8.6	3.2	9.2		12.4	3.2	185
03-05	70.7	7.6	7.1	14.7		21.7	6.0	184
06-08	49.0	16.3	14.1	20.6		34.7	4.8	418
09-11	57.1	14.3	15.6	13.0		28.6	1.1	462
12-14	69.0	9.3	9.9	11.8		21.7		355
15-17	60.5	13.6	12.3	13.6		25.9		478
18-20	55.3	17.3	13.5	13.8		27.3		421
21-23	72.6	8.9	6.1	12.4		18.5	.3	314
ALL HOURS	61.8	12.9	11.4	14.0		25.3	1.5	2817

MONTH: APR HOURS: ALL

00-02	73.9	9.7	3.4	13.1		16.5	5.1	176
03-05	72.5	10.4	4.9	12.1		17.0	4.9	182
06-08	42.2	15.2	21.5	21.1		42.6	3.7	488
09-11	55.0	15.2	14.3	15.5		29.8	2.3	349
12-14	50.8	14.1	20.8	14.4		35.1	1.0	390
15-17	58.6	15.3	13.7	12.3		26.0		365
18-20	44.0	21.5	18.7	15.8		34.4	1.7	418
21-23	59.5	13.6	8.2	18.7		26.8	5.4	257
ALL HOURS	53.7	15.2	15.2	15.9		31.1	2.6	2625

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	77.8	8.5	5.1	8.5		13.6	4.0	176
03-05	76.8	8.5	4.0	10.7		14.7	2.3	177
06-08	36.8	15.5	26.5	21.3		47.8	.5	601
09-11	46.6	19.6	18.3	15.4		33.8	.5	382
12-14	36.2	21.1	27.9	14.8		42.7	.7	426
15-17	40.2	18.9	25.7	15.2		40.9	.2	408
18-20	41.7	17.1	23.1	18.1		41.2	.3	386
21-23	56.8	14.0	14.4	14.8		29.2	.8	264
ALL HOURS	46.1	16.6	21.1	16.1		37.3	.8	2820

MONTH: JUN HOURS: ALL

00-02	84.2	3.9	1.3	10.5		11.8	3.3	152
03-05	84.9	5.3	3.9	5.9		9.9	2.0	152
06-08	30.3	20.8	30.2	18.7		48.9	.2	567
09-11	39.8	25.4	19.3	15.5		34.8		342
12-14	35.3	19.7	33.8	11.3		45.1	.2	417
15-17	41.9	17.1	29.5	11.5		41.0	.3	339
18-20	41.6	16.1	34.8	7.4		42.2	.6	353
21-23	56.8	17.7	17.3	8.2		25.5	.5	220
ALL HOURS	44.3	17.9	25.5	12.4		37.8	.6	2542

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	AIRWAY CLASSES			GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
			BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	91.3	1.7	1.7	5.2		7.0	.9	115
03-05	92.6	2.5		5.0		5.0		121
06-08	27.4	20.9	35.4	16.1	.2	51.7	5.0	540
09-11	40.1	17.0	27.7	14.9	.3	42.9	2.8	289
12-14	31.9	19.7	35.0	13.4		48.4	3.4	417
15-17	40.4	16.4	32.2	11.0		43.2	3.2	317
18-20	39.4	14.7	32.7	13.1		45.8	5.8	312
21-23	48.9	13.0	25.1	13.0		38.1	3.5	231
ALL HOURS	41.8	16.1	29.1	13.0	.1	42.1	3.7	2342

MONTH: AUG HOURS: ALL

00-02	82.8		1.6	15.6		17.2		64
03-05	80.7	3.5		15.8		15.8		57
06-08	15.3	18.3	35.8	28.7	1.9	66.4	7.5	464
09-11	29.9	17.6	26.7	24.0	1.8	52.5	3.2	221
12-14	17.8	14.4	39.4	27.9	.6	67.8	2.9	348
15-17	25.8	16.4	34.4	23.4		57.8	7.4	244
18-20	29.5	11.1	39.8	19.7		59.4	6.1	244
21-23	38.2	15.9	28.2	17.6		45.9	4.7	170
ALL HOURS	27.5	14.9	32.7	24.1	.8	57.6	5.1	1812

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	73.3	8.9	1.1	16.7		17.8	2.2	90
03-05	67.0	10.6	4.3	18.1		22.3	3.2	94
06-08	18.3	14.1	29.5	36.4	1.7	67.6	3.4	475
09-11	29.6	14.2	25.0	30.8	.4	56.3	2.5	240
12-14	19.9	16.8	30.7	32.7		63.4	.6	352
15-17	24.0	19.8	27.8	28.5		56.3	.4	263
18-20	30.1	16.5	25.2	28.2		53.4	2.6	266
21-23	43.7	9.5	15.8	31.1		46.8	2.1	190
ALL HOURS	29.6	14.8	24.5	30.6	.5	55.6	2.1	1970

MONTH: OCT HOURS: ALL

00-02	53.3	7.6	4.3	34.8		39.1	13.0	92
03-05	51.5	6.8	6.8	34.0	1.0	41.7	8.7	103
06-08	23.3	12.9	21.8	40.0	2.1	63.8	7.6	473
09-11	20.9	13.4	15.8	47.8	2.0	65.6	7.1	253
12-14	19.1	12.5	23.5	43.2	1.7	68.4	4.1	345
15-17	24.2	11.4	24.2	39.2	1.0	64.4	1.3	306
18-20	25.7	14.3	18.9	40.4	.8	60.0	4.2	265
21-23	37.1	9.4	13.9	38.1	1.5	53.5	5.0	202
ALL HOURS	26.9	12.0	19.0	40.7	1.5	61.2	5.6	2039

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	79.4	8.4		12.1		12.1	9.3	107
03-05	77.6	5.6	2.8	14.0		16.8	7.5	107
06-08	39.5	14.3	17.0	28.1	1.2	46.2	5.3	342
09-11	33.5	14.9	21.4	28.7	1.5	51.6	8.8	397
12-14	39.0	10.2	24.4	25.2	1.2	50.8	7.3	246
15-17	33.6	13.9	18.9	32.3	1.3	52.5	5.9	375
18-20	50.0	10.2	11.7	27.4	.8	39.8	6.0	266
21-23	54.6	9.6	10.0	25.3	.4	35.7	8.8	249
ALL HOURS	44.4	12.0	15.9	26.7	1.0	43.6	7.1	2089

MONTH: DEC HOURS: ALL

00-02	54.8	9.6	7.7	27.9		35.6	22.1	104
03-05	54.2	10.4	5.2	30.2		35.4	31.3	96
06-08	32.9	14.2	15.2	37.7		52.8	8.5	316
09-11	26.1	13.9	23.7	36.3		60.0	8.0	375
12-14	25.0	9.5	23.5	40.5	1.5	65.5	12.5	264
15-17	21.4	12.1	23.9	41.8	.8	66.5	9.9	364
18-20	33.0	10.2	15.1	41.4	.4	56.8	9.8	285
21-23	39.6	8.8	15.0	35.8	.8	51.7	9.6	240
ALL HOURS	31.5	11.5	18.5	38.0	.5	56.9	11.3	2044

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL HOURS: ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES		GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
				OVERCAST	TOTAL OBSCURATION			
00-02	74.5	7.3	3.3	14.9		18.2	6.8	1458
03-05	72.2	7.6	4.3	15.8	.1	20.2	6.8	1472
06-08	32.7	16.3	23.9	26.4	.6	51.0	5.3	5267
09-11	39.2	16.6	20.0	23.6	.6	44.2	5.1	4049
12-14	36.0	14.9	26.1	22.6	.4	49.1	3.5	4095
15-17	38.4	15.4	22.5	23.4	.3	46.2	3.5	4184
18-20	40.9	15.4	21.7	21.8	.3	43.7	4.2	3799
21-23	53.1	11.7	13.7	21.2	.3	35.1	5.1	2775
ALL HOURS	42.7	14.4	19.9	22.6	.4	42.9	4.7	27102

PPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

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

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

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

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

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.3						.0
GE 90							.7						.1
GE 85					.1	.6	4.7	.8					.5
GE 80					.6	6.6	15.5	5.6					2.4
GE 75					2.1	25.4	38.4	14.6	.3				6.8
GE 70					5.8	52.4	62.9	30.0	1.2				12.8
GE 65					16.1	77.0	84.0	53.3	4.2				19.7
GE 60				.6	34.3	90.3	96.3	75.5	14.2				26.1
GE 55				3.1	55.2	96.9	99.2	91.6	31.2				31.6
GE 50			.1	8.1	71.5	99.3	100.0	98.3	54.3	1.1			36.2
GE 45			.5	15.0	83.8	99.9		99.7	71.7	3.9			39.7
GE 40	.1		1.6	30.4	93.0	100.0		100.0	85.9	10.8			43.7
GE 35	.6		4.8	47.2	97.8				95.0	22.2	.3		47.5
GE 33	.8	.1	7.8	53.5	98.0				97.5	28.1	.8		49.1
GE 30	1.6	.3	11.6	61.9	98.8				99.6	40.9	1.7	.1	51.6
GE 25	2.5	1.5	21.1	76.8	99.5				100.0	64.1	4.8	.5	56.1
GE 20	3.9	4.0	33.3	85.5	99.8					79.2	12.0	2.0	60.2
GE 15	6.4	9.1	43.9	92.7	100.0					89.5	24.0	4.2	64.5
GE 10	10.4	17.0	59.4	97.1						94.9	39.5	9.1	69.1
GE 5	18.2	28.1	71.1	98.2						97.7	51.5	15.7	73.5
GE 0	29.6	39.7	81.9	99.4						99.4	62.4	28.0	78.5
GE -5	39.2	52.4	91.2	100.0						99.7	71.1	41.9	83.1
GE -10	50.2	66.5	96.6							99.9	79.6	55.3	87.4
GE -15	58.6	75.0	98.7							100.0	85.7	64.7	90.2
GE -20	67.5	84.1	99.8								88.5	72.7	92.7
GE -25	73.7	88.1	100.0								91.4	76.9	94.2
GE -30	78.8	92.9									95.1	82.8	95.8
GE -35	83.0	96.5									97.4	85.8	96.9
GE -40	86.6	98.6									99.0	89.1	97.7
GE -45	90.0	99.3									99.3	92.9	98.4
GE -50	95.0	99.8									100.0	96.2	99.2
GE -55	97.9	100.0										98.4	99.7
GE -60	99.9											99.8	100.0
GE -65	100.0											100.0	100.0
MEAN	-13.4	-5.5	12.8	32.7	54.9	69.4	72.1	65.5	49.9	27.1	2.1	-12.3	29.8
SD	20.58	15.43	13.45	11.97	10.25	7.27	7.38	8.09	8.97	10.19	16.48	18.40	33.77
TOTAL OBS	992	904	988	960	991	948	975	961	925	961	922	957	11484

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,+501-6612
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65							.3						.0
GE 60						1.5	4.2	.4					.5
GE 55					.1	10.1	26.1	5.3					3.5
GE 50					1.7	40.6	64.9	27.7	1.1				11.4
GE 45					6.5	71.6	86.5	55.3	6.2				18.7
GE 40					19.2	90.3	96.4	76.2	19.7				25.2
GE 35				.9	38.1	96.6	99.1	88.4	38.5	.6			30.3
GE 33				2.7	48.0	97.8	99.7	92.7	48.3	1.9			32.7
GE 30			.1	6.3	64.1	99.2	99.8	96.8	64.0	5.6	.1		36.4
GE 25	.2	.1	.4	13.4	80.4	100.0	100.0	99.7	81.1	17.0	.1		41.2
GE 20	.5	.1	1.5	22.1	91.1			100.0	92.8	31.9	.7		45.2
GE 15	.7	.4	4.6	32.8	95.7				97.6	49.1	3.6		48.9
GE 10	1.7	1.5	9.1	46.5	98.1				99.4	66.1	8.4	.6	52.8
GE 5	3.2	3.4	17.5	60.9	99.6				99.9	77.0	17.8	2.1	56.9
GE 0	5.4	9.8	27.5	72.7	99.8				100.0	85.7	29.4	4.6	61.4
GE -5	10.3	15.2	37.9	82.3	100.0					91.6	39.3	10.0	65.7
GE -10	17.4	23.5	49.6	89.5						94.7	49.7	17.8	70.3
GE -15	26.7	31.5	59.5	93.6						97.0	57.9	27.7	74.6
GE -20	35.6	43.9	67.8	97.3						98.3	67.4	38.4	79.1
GE -25	43.9	54.1	77.6	98.5						99.5	74.2	49.2	83.1
GE -30	52.2	62.6	86.2	99.7						99.6	80.9	59.3	86.8
GE -35	60.5	68.9	90.9	99.8						99.8	86.6	66.8	89.5
GE -40	69.5	75.6	94.4	99.9						100.0	92.8	74.8	92.3
GE -45	76.7	82.2	97.8	100.0							97.6	80.3	94.6
GE -50	83.3	90.3	99.7								99.7	88.1	96.7
GE -55	90.5	95.1	100.0								100.0	94.4	98.3
GE -60	96.4	98.5										97.7	99.4
GE -65	99.0	99.9										99.7	99.9
GE -70	100.0	100.0										100.0	100.0
MEAN	-29.4	-25.2	-11.9	7.6	31.6	47.4	50.7	44.4	31.9	12.7	-12.9	-27.5	10.0
SD	19.07	18.24	16.49	14.14	9.02	6.14	5.63	7.21	8.37	12.48	17.33	17.34	32.40
TOTAL OBS	992	904	988	960	991	948	975	961	925	961	922	959	11486

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.5						.0
GE 70						2.4	5.8	.3					.7
GE 65					.7	15.8	31.3	7.7					4.7
GE 60					2.3	47.4	67.3	27.7	.9				12.2
GE 55					9.5	78.1	90.5	54.6	4.1				19.8
GE 50				.1	25.9	93.1	98.2	80.1	14.5				26.1
GE 45				1.6	48.9	97.5	99.6	94.2	34.7				31.5
GE 40			.1	5.9	70.8	99.4	100.0	99.4	59.7	1.7			36.6
GE 35			.3	13.3	84.8	100.0		100.0	81.2	7.6			40.7
GE 33	.1		.6	17.6	87.7				86.8	11.9	.1		42.2
GE 30	.2		1.3	23.1	92.6				92.2	19.6	.1		44.2
GE 25	.6	.2	3.5	38.8	97.2				97.7	35.8	.9		48.0
GE 20	1.3	.7	9.8	56.4	98.7				99.8	56.5	3.7		52.4
GE 15	2.6	1.9	18.2	68.1	99.8				100.0	74.5	9.3	.7	56.5
GE 10	4.1	5.2	28.5	80.9	99.8					84.4	20.7	2.6	60.7
GE 5	6.8	11.8	41.7	89.4	100.0					91.9	33.1	5.6	65.2
GE 0	13.0	19.7	52.1	94.5						94.9	45.1	10.7	69.3
GE -5	21.5	29.0	63.6	97.7						97.4	55.0	20.5	73.8
GE -10	31.9	40.3	75.0	99.2						98.9	64.2	33.3	78.7
GE -15	41.6	53.4	86.1	99.8						99.6	72.6	46.5	83.4
GE -20	51.2	64.5	92.5	100.0						99.7	80.9	57.1	87.2
GE -25	60.4	72.3	96.4							99.9	85.9	66.5	90.2
GE -30	67.2	79.6	98.8							100.0	89.7	73.5	92.4
GE -35	75.4	85.6	99.8								94.8	79.1	94.6
GE -40	81.0	91.8	100.0								97.8	84.4	96.2
GE -45	85.2	96.1									99.0	88.9	97.4
GE -50	90.5	98.6									99.9	93.9	98.6
GE -55	95.4	99.7									100.0	96.9	99.3
GE -60	98.7	99.9										99.5	99.8
GE -65	100.0	100.0										100.0	100.0
MEAN	-21.6	-15.5	.4	20.4	43.5	58.6	61.6	55.2	41.1	20.1	-5.4	-20.1	20.0
SD	19.44	16.48	14.43	12.39	9.10	6.03	5.45	6.49	7.82	10.93	16.68	17.46	32.99
TOTAL OBS	992	904	988	960	991	948	975	961	925	961	922	957	11484

OPERATING LOCATION: 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALAKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
24	15	21	41	59	70	80	88	83	56	44	34	10	88
25	-1	10	28	47	74	85	86	82	62	47	22	17	86
26	16	8	50	58	69	84	82	85	63	46	26	12	85
27	40	24	30	43	72	83	85	80	67	38	15	12	85
28	8	26	37	55	65	85	86	81	63	32	36	23	86
29	31	28	35	57	68	80	80	86	64	51	25	21	86
30	35	7	35	46	80	82	84	78	62	38	20	19	84
31	13	20	32	60	67	78	80	70	70	37	33	11	80
32	9	6	32	57	69	78	84	69	67	39	10	10	84
33	3	16	33	53	74	85	86	83	62	36	25	11	86
45	25	31	42	46	73	74	80	72	59	50	13	9	80
46	6	14	25	55	72	81	87	85	67	42	22	2	87
47	20	25	44	50	82	80	87	72	65	38	24	18	87
48	21	22	38	48	69	80	85	80	63	47	33	7	85
49	9	20	45	45	62	72	84	81	79	47	30	9	84
50	24	14	34	55	68	85	85	79	68	52	29	22	85
51	3	11	30	50	72	79	92	86	71	43	32*	*	92*
52	18	15	35	54	62	79	85	82	61	50	32	14	85
53	9	21	31	61	81	85	90	82	62	52	18	4	90
54	19	23	46	47	79	81	88	88	69	48	38	7	88
55	11	9	32	47	75	80	97	77	61	50	7	31	97
56	3	13	34	53	68	79	82	79	65	35	37	6	82
57	35	33	36	50	72	83	85	86	78	49	22	10	86
58	22	7	34	62	80	89	91	86	62	39	24	5	91
59	8	24	22	50	63	83	79	80	64	50	20	12	83
60	14	15	27	64	85	82	89	83	63	44	23	27	89
61	32	9	24	56	70	79	86	72	69	38	19	24	86
62	33	29	43	48	66	84	84	84	56	44	22	25	84
63	30	17	36	57	73	71	84	80	66*	45	15	20	84*
64	7	26	21	43	79	78	82	78	63	44	27	-1	82
65	15	2	42	45	68	75	80*					20	80*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	5	13	35*	45	63	79*	82	82	74	52	24	10	82*
GREATEST	40	33	50	64	85	89	97	88	79	52	38	31	97
TOTAL OBS	992	904	988	960	991	948	975	961	925	961	922	957	11484

THE GREATEST VALUE OF 97 OCCURRED ON 07/25/55

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	-55	-45	-41*	-14	23	38*	40	26	15	-13	-39	-54	-55*
LEAST	-69	-68	-51	-41	-5	25	25	21	4	-37	-52	-67	-69
TOTAL OBS	992	904	988	960	991	948	975	961	925	901	920	959	11486

THE LEAST VALUE OF -69 OCCURRED ON 01/16/51

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
 MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 2401-3312,4501-6612
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
66	-40	-18	-6*	17	43	62*	63	55	44	20	-10	-21	17*
MEAN	-21.6	-15.5	.4	20.4	43.5	58.6	61.6	55.2	41.1	20.1	-5.4	-20.1	20.0
TOTAL OBS	992	904	988	960	991	948	975	961	925	961	922	957	11484

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

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	-16.7	20.494	590	462	590	0	0	0	590
03-05	-17.0	20.768	393	310	393	0	0	0	393
06-08	-16.7	20.622	597	474	597	0	0	0	597
09-11	-16.6	20.717	386	306	386	0	0	0	386
12-14	-15.7	19.981	588	464	588	0	0	0	588
15-17	-15.9	19.128	384	313	384	0	0	0	384
18-20	-16.3	20.047	605	477	605	0	0	0	605
21-23	-16.5	20.461	398	312	398	0	0	0	398
ALL HOURS	-16.4	20.260	3941	3118	3941	0	0	0	3941

MONTH: FEB

00-02	-14.3	17.265	557	458	554	0	0	0	557
03-05	-15.2	17.271	368	307	368	0	0	0	368
06-08	-15.7	17.537	562	463	562	0	0	0	562
09-11	-12.9	16.808	367	287	367	0	0	0	367
12-14	-7.5	15.726	558	411	555	0	0	0	558
15-17	-6.3	15.317	370	266	367	0	0	0	370
18-20	-10.4	16.401	554	421	551	0	0	0	554
21-23	-13.0	17.018	371	293	369	0	0	0	371
ALL HOURS	-11.9	17.015	3707	2906	3693	0	0	0	3707

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF HOURS LE 32	WITH TEMPERATURES GE 65	DEG F GE 80	GE 93	TOTAL HOURS
00-02	-3.5	13.783	624	385	621	0	0	0	624
03-05	-5.8	13.885	411	283	411	0	0	0	411
06-08	-6.9	14.436	629	457	629	0	0	0	629
09-11	2.3	13.019	413	171	410	0	0	0	413
12-14	8.7	12.187	623	161	604	0	0	0	623
15-17	12.8	12.292	423	77	398	0	0	0	423
18-20	7.1	13.551	639	191	618	0	0	0	639
21-23	-1.0	13.793	422	221	421	0	0	0	422
ALL HOURS	1.7	15.007	4184	1946	4112	0	0	0	4184

MONTH: APR

00-02	15.1	13.930	586	108	518	0	0	0	586
03-05	11.4	14.415	386	98	362	0	0	0	386
06-08	14.1	15.421	607	125	529	0	0	0	607
09-11	23.4	14.014	387	24	277	0	0	0	387
12-14	29.0	13.751	599	12	346	0	0	0	599
15-17	32.5	13.327	387	0	188	0	0	0	387
18-20	29.8	13.820	594	8	321	0	0	0	594
21-23	19.9	13.724	388	50	31	0	0	0	388
ALL HOURS	21.9	15.970	3934	425	2858	0	0	0	3934

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.4	5.365	601	0	0	48	0	0	601
03-05	54.2	5.286	393	0	0	9	0	0	393
06-08	58.4	5.778	614	0	0	88	0	0	614
09-11	65.1	6.769	407	0	0	218	4	0	407
12-14	68.9	7.488	605	0	0	429	46	0	605
15-17	70.6	7.642	409	0	0	313	51	0	409
18-20	68.7	7.353	605	0	0	423	45	0	605
21-23	61.3	6.207	426	0	0	118	1	0	426
ALL HOURS	63.0	8.713	4060	0	0	1646	147	0	4060

MONTH: AUG

00-02	49.6	7.458	599	0	22	6	0	0	599
03-05	47.1	7.706	398	0	21	0	0	0	398
06-08	50.1	7.527	614	0	16	6	0	0	614
09-11	56.9	7.819	406	0	0	66	0	0	406
12-14	60.7	8.152	615	0	0	189	9	0	615
15-17	62.8	8.504	400	0	0	172	11	0	400
18-20	60.3	8.358	606	0	0	178	6	0	606
21-23	52.7	7.754	414	0	9	18	0	0	414
ALL HOURS	55.1	9.645	4052	0	68	635	26	0	4052

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	37.4	9.098	602	0	209	2	0	0	602
03-05	34.8	8.935	390	0	165	0	0	0	390
06-08	38.9	9.544	634	0	171	2	0	0	634
09-11	47.4	10.147	414	0	34	17	0	0	414
12-14	51.3	10.679	610	0	24	68	4	0	610
15-17	53.6	10.456	430	0	6	70	4	0	430
18-20	51.7	10.350	609	0	20	76	4	0	609
21-23	43.1	10.011	393	0	67	5	0	0	393
ALL HOURS	44.9	11.997	4082	0	696	240	12	0	4082

MONTH: JUN

00-02	53.8	5.936	571	0	1	13	0	0	571
03-05	52.0	5.890	389	0	1	2	0	0	389
06-08	56.5	6.399	608	0	0	68	0	0	608
09-11	63.4	7.619	412	0	0	200	1	0	412
12-14	67.4	7.811	581	0	0	378	29	0	581
15-17	69.1	7.787	412	0	0	302	33	0	412
18-20	67.6	7.657	589	0	0	386	36	0	589
21-23	60.1	6.319	387	0	0	108	0	0	387
ALL HOURS	61.3	9.364	3949	0	2	1457	99	0	3949

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	17.5	30.045	6996	2310	4375	70	0	0	6996
03-05	15.9	29.501	4642	1606	3005	11	0	0	4642
06-08	17.9	31.024	7250	2455	4469	164	0	0	7250
09-11	22.6	33.090	4800	1441	2711	502	5	0	4800
12-14	26.6	33.283	7089	1869	3776	1082	88	0	7089
15-17	28.1	33.968	4822	1249	2496	877	99	0	4822
18-20	25.5	33.891	7138	1974	3848	1068	91	0	7138
21-23	20.4	31.653	4757	1481	2827	250	1	0	4757
ALL HOURS	21.8	32.391	47494	14385	27507	4024	284	0	47494

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	35.8	8.500	527	0	178	1	0	0	527
03-05	33.5	8.771	351	0	152	0	0	0	351
06-08	34.6	8.942	606	0	226	0	0	0	606
09-11	41.6	9.043	375	0	53	1	0	0	375
12-14	46.4	9.511	567	0	41	18	0	0	567
15-17	48.7	9.462	382	0	14	20	0	0	382
18-20	44.4	9.432	568	0	54	5	0	0	568
21-23	37.5	8.573	372	0	102	1	0	0	372
ALL HOURS	40.4	10.511	3748	0	820	46	0	0	3748

MONTH: OCT

00-02	15.1	14.540	590	115	533	0	0	0	590
03-05	14.3	14.528	396	82	365	0	0	0	396
06-08	14.2	14.309	614	124	576	0	0	0	614
09-11	16.9	14.173	397	67	350	0	0	0	397
12-14	20.7	13.461	599	50	476	0	0	0	599
15-17	21.1	13.997	406	34	320	0	0	0	406
18-20	17.6	14.562	605	92	516	0	0	0	605
21-23	15.4	14.774	415	80	373	0	0	0	415
ALL HOURS	16.9	14.517	4022	644	3509	0	0	0	4022

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 0	NUMBER OF HOURS LE 32	WITH GE 65	TEMPERATURES GE 80	DEG F GE 93	TOTAL HOURS
00-02	-9.2	15.312	570	392	570	0	0	0	570
03-05	-9.4	15.760	378	263	378	0	0	0	378
06-08	-9.9	15.907	568	405	568	0	0	0	568
09-11	-10.1	16.025	408	290	408	0	0	0	408
12-14	-6.6	14.308	561	370	561	0	0	0	561
15-17	-8.0	15.016	399	275	399	0	0	0	399
18-20	-8.6	15.031	573	404	573	0	0	0	573
21-23	-10.0	15.658	385	270	385	0	0	0	385
ALL HOURS	-8.9	15.348	3842	2669	3842	0	0	0	3842

MONTH: DEC

00-02	-10.0	17.612	579	390	579	0	0	0	579
03-05	-9.5	17.636	389	263	389	0	0	0	389
06-08	-9.4	17.315	597	407	595	0	0	0	597
09-11	-9.0	17.066	428	296	426	0	0	0	428
12-14	-9.0	17.165	583	401	581	0	0	0	583
15-17	-8.9	16.979	420	284	420	0	0	0	420
18-20	-8.7	17.108	591	381	590	0	0	0	591
21-23	-9.0	16.945	386	255	386	0	0	0	386
ALL HOURS	-9.2	17.246	3973	2677	3966	0	0	0	3973

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	-9.0	12.348	470	470	0	0	0	0	470
03-05	-8.5	11.840	304	304	0	0	0	0	304
06-08	-8.4	11.955	470	470	0	0	0	0	470
09-11	-8.5	12.100	308	308	0	0	0	0	308
12-14	-8.0	11.893	470	470	0	0	0	0	470
15-17	-9.1	11.918	310	310	0	0	0	0	310
18-20	-8.7	12.153	482	482	0	0	0	0	482
21-23	-9.0	12.633	322	322	0	0	0	0	322
ALL HOURS	-8.6	12.112	3136	3136	0	0	0	0	3136

MONTH: FEB

00-02	-10.8	13.832	492	492	0	0	0	0	492
03-05	-11.5	13.852	321	321	0	0	0	0	321
06-08	-11.2	13.995	470	470	0	0	0	0	470
09-11	-9.8	13.889	316	316	0	0	0	0	316
12-14	-6.3	13.778	518	518	0	0	0	0	518
15-17	-5.1	13.345	342	342	0	0	0	0	342
18-20	-7.9	13.826	492	491	0	0	0	0	492
21-23	-9.7	13.883	326	326	0	0	0	0	326
ALL HOURS	-9.0	13.967	3277	3276	0	0	0	0	3277

OPERATING LOCATION "A"
 USAFETAC, ACHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	-3.0	11.880	602	602	0	0	0	0	602
03-05	-4.4	11.154	388	388	0	0	0	0	388
06-08	-5.1	11.510	523	523	0	0	0	0	523
09-11	.5	12.113	381	381	0	0	0	0	381
12-14	6.3	10.945	573	570	0	0	0	0	573
15-17	9.6	10.661	388	381	0	0	0	0	388
18-20	4.7	12.387	565	561	0	0	0	0	565
21-23	-1.5	12.637	387	387	0	0	0	0	387
ALL HOURS	.9	12.695	3807	3793	0	0	0	0	3807

MONTH: APR

00-02	13.2	12.819	586	559	0	0	0	0	586
03-05	10.1	13.450	385	379	0	0	0	0	385
06-08	13.3	14.237	543	503	0	0	0	0	543
09-11	20.0	12.130	351	290	0	0	0	0	351
12-14	24.1	11.386	566	421	0	0	0	0	566
15-17	26.5	10.598	354	240	0	0	0	0	354
18-20	25.0	11.476	538	385	0	0	0	0	538
21-23	17.6	12.330	365	330	0	0	0	0	365
ALL HOURS	18.6	13.654	3688	3107	0	0	0	0	3688

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF GE 50	HOURS WITH GE 67	TEMPERATURES GE 73	DEG F GE 80	TOTAL HOURS
00-02	32.7	7.812	602	304	13	0	0	0	602
03-05	31.0	8.030	390	226	6	0	0	0	390
06-08	33.9	8.266	548	234	16	0	0	0	548
09-11	38.5	7.932	348	82	26	0	0	0	348
12-14	40.5	7.621	576	94	67	0	0	0	576
15-17	41.9	7.386	369	46	58	0	0	0	369
18-20	40.8	7.411	579	85	67	0	0	0	579
21-23	36.3	7.954	393	136	20	0	0	0	393
ALL HOURS	36.9	8.680	3805	1207	273	0	0	0	3805

MONTH: JUN

00-02	48.2	5.503	571	1	235	0	0	0	571
03-05	47.0	5.576	389	4	134	0	0	0	389
06-08	50.0	5.368	530	0	301	0	0	0	530
09-11	52.5	5.426	358	0	251	0	0	0	358
12-14	53.8	5.167	552	0	445	1	0	0	552
15-17	54.2	4.738	362	0	301	1	0	0	362
18-20	53.6	4.768	560	0	445	0	0	0	560
21-23	51.4	5.041	387	0	247	0	0	0	387
ALL HOURS	51.3	5.782	3709	5	2359	2	0	0	3709

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	51.0	4.787	601	0	399	0	0	0	601
03-05	49.6	5.124	393	0	215	0	0	0	393
06-08	52.8	5.074	528	0	415	0	0	0	528
09-11	55.5	4.776	361	0	319	0	0	0	361
12-14	56.5	4.603	563	0	529	2	0	0	563
15-17	56.7	4.379	351	0	335	1	0	0	351
18-20	56.1	4.374	578	0	538	2	0	0	578
21-23	53.7	4.911	425	0	347	0	0	0	425
ALL HOURS	53.9	5.380	3800	0	3097	5	0	0	3800

MONTH: AUG

00-02	46.1	6.545	599	26	189	0	0	0	599
03-05	44.4	6.981	398	25	89	0	0	0	398
06-08	47.1	6.727	553	25	242	0	0	0	553
09-11	50.0	6.172	383	5	227	0	0	0	383
12-14	51.7	5.782	578	4	426	0	0	0	578
15-17	52.3	5.982	362	0	282	0	0	0	362
18-20	51.4	5.882	588	3	425	0	0	0	588
21-23	48.0	6.591	413	16	185	0	0	0	413
ALL HOURS	48.9	6.879	3874	104	2065	0	0	0	3874

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN LE 32	NUMBER OF GE 50	HOURS WITH GE 67	TEMPERATURES GE 73	DEG F GE 80	TOTAL HOURS
00-02	33.3	7.804	527	258	7	0	0	0	527
03-05	31.7	8.257	351	202	4	0	0	0	351
06-08	32.9	8.460	604	299	12	0	0	0	604
09-11	37.4	7.896	371	94	21	0	0	0	371
12-14	40.0	7.893	563	94	7	0	0	0	563
15-17	41.2	7.609	379	49	50	0	0	0	379
18-20	38.9	7.865	568	123	50	0	0	0	568
21-23	34.5	7.772	370	158	8	0	0	0	370
ALL HOURS	36.3	8.601	3733	1277	219	0	0	0	3733

MONTH: OCT

00-02	14.2	13.980	587	551	0	0	0	0	587
03-05	13.5	14.062	394	374	0	0	0	0	394
06-08	13.7	13.974	610	584	0	0	0	0	610
09-11	15.9	13.502	396	365	0	0	0	0	396
12-14	19.1	12.501	594	529	0	0	0	0	594
15-17	19.5	12.873	404	347	0	0	0	0	404
18-20	16.5	13.834	601	551	0	0	0	0	601
21-23	14.6	14.155	411	385	0	0	0	0	411
ALL HOURS	15.9	13.792	3997	3686	0	0	0	0	3997

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	-9.4	14.732	566	566	0	0	0	0	566
03-05	-9.5	15.133	378	378	0	0	0	0	378
06-08	-9.1	14.671	544	544	0	0	0	0	544
09-11	-8.8	14.311	379	379	0	0	0	0	379
12-14	-6.5	13.264	538	538	0	0	0	0	538
15-17	-6.5	12.792	370	370	0	0	0	0	370
18-20	-8.3	13.872	551	551	0	0	0	0	551
21-23	-8.8	13.938	367	367	0	0	0	0	367
ALL HOURS	-8.4	14.175	3693	3693	0	0	0	0	3693

MONTH: DEC

00-02	-6.7	14.265	519	519	0	0	0	0	519
03-05	-5.9	13.955	343	343	0	0	0	0	343
06-08	-5.8	13.590	527	525	0	0	0	0	527
09-11	-5.7	13.625	379	377	0	0	0	0	377
12-14	-5.9	14.003	517	516	0	0	0	0	517
15-17	-5.7	13.547	368	368	0	0	0	0	368
18-20	-5.5	13.765	523	523	0	0	0	0	523
21-23	-6.1	13.863	346	346	0	0	0	0	346
ALL HOURS	-5.9	13.814	3522	3517	0	0	0	0	3522

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	17.7	25.871	6722	4348	843	0	0	0	6722
03-05	16.7	25.434	4434	2944	448	0	0	0	4434
06-08	17.8	26.306	6450	4177	986	0	0	0	6450
09-11	20.2	27.052	4331	2597	844	0	0	0	4331
12-14	23.0	26.518	6608	3754	1534	3	0	0	6608
15-17	23.3	26.520	4359	2453	1026	2	0	0	4359
18-20	22.5	27.053	6625	3755	1525	2	0	0	6625
21-23	20.0	26.649	4512	2773	807	0	0	0	4512
ALL HOURS	20.2	26.541	44041	26801	8013	7	0	0	44041

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-18.3	14.781	470	470	0	470	0	470
03-05	-17.8	14.271	304	304	0	304	0	304
06-08	-16.7	14.385	470	470	0	470	0	470
09-11	-16.7	14.241	308	308	0	308	0	308
12-14	-16.2	13.833	470	470	0	470	0	470
15-17	-17.6	14.427	310	310	0	310	0	310
18-20	-17.3	14.771	482	482	0	482	0	482
21-23	-17.7	14.704	322	322	0	322	0	322
ALL HOURS	-17.2	14.452	3136	3136	0	3136	0	3136

MONTH: FEB

00-02	-20.5	16.134	492	492	0	492	0	518
03-05	-21.6	16.205	321	321	0	321	0	518
06-08	-19.9	16.337	470	470	0	470	0	518
09-11	-18.4	15.895	316	316	0	316	0	518
12-14	-15.4	16.043	518	516	0	518	0	518
15-17	-14.3	15.707	342	342	0	342	0	518
18-20	-17.1	16.167	492	490	0	492	0	518
21-23	-19.1	16.039	326	326	0	326	0	518
ALL HOURS	-18.2	16.251	3277	3273	0	3277	0	3277

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-13.0	14.629	602	602	0	602	0	602
03-05	-13.9	13.654	388	388	0	388	0	388
06-08	-13.9	14.016	523	522	0	523	0	523
09-11	-10.3	14.024	381	380	0	381	0	381
12-14	-6.3	12.940	573	572	0	573	0	573
15-17	-4.1	12.590	388	388	0	388	0	388
18-20	-7.0	14.263	565	564	0	565	0	565
21-23	-11.8	15.160	387	387	0	387	0	387
ALL HOURS	-10.0	14.385	3807	3803	0	3807	0	3807

MONTH: APR

00-02	5.1	14.590	586	553	0	586	0	566
03-05	2.9	15.743	385	370	0	385	0	566
06-08	6.4	15.708	543	506	2	543	0	566
09-11	9.2	13.548	351	330	2	351	0	566
12-14	11.4	12.868	566	521	3	566	0	566
15-17	12.5	11.449	354	328	1	354	0	566
18-20	12.6	12.369	538	501	5	538	0	566
21-23	8.8	13.835	365	344	1	365	0	566
ALL HOURS	8.6	14.289	3688	3453	14	3688	0	3688

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	24.9	9.333	602	372	72	602	0	602
03-05	24.0	9.651	390	250	44	390	0	390
06-08	25.5	9.981	548	307	63	548	0	548
09-11	25.5	9.807	348	191	42	348	0	348
12-14	25.7	9.235	576	317	61	576	0	576
15-17	25.7	9.773	369	200	50	369	0	369
18-20	25.7	9.777	579	311	78	579	0	579
21-23	26.1	9.446	393	220	57	393	0	393
ALL HOURS	25.4	9.638	3805	2168	467	3805	0	3805

MONTH: JUN

00-02	42.4	7.570	571	20	460	565	0	552
03-05	41.8	7.379	389	12	300	388	0	552
06-08	43.4	7.118	530	7	431	514	0	552
09-11	42.2	7.345	358	12	280	350	0	552
12-14	41.1	7.750	552	28	406	539	0	552
15-17	40.3	7.578	362	22	261	358	0	552
18-20	40.4	7.857	560	36	399	557	0	552
21-23	43.2	7.396	387	9	317	378	0	552
ALL HOURS	41.8	7.635	3709	146	2854	3649	0	3709

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	45.8	7.541	601	11	553	577	0	601
03-05	45.0	7.781	393	7	353	382	0	393
06-08	47.5	7.679	528	10	502	493	0	528
09-11	47.4	6.724	361	4	342	339	0	361
12-14	46.2	7.251	563	9	519	535	0	563
15-17	45.3	7.317	351	8	326	334	0	351
18-20	45.6	7.034	578	9	525	549	0	578
21-23	47.0	7.550	425	7	400	392	0	425
ALL HOURS	46.2	7.457	3800	65	3520	3601	0	3800

MONTH: AUG

00-02	42.7	6.855	599	26	510	594	0	578
03-05	41.6	7.121	398	18	318	396	0	578
06-08	44.2	7.275	553	23	480	541	0	578
09-11	43.6	7.602	383	19	335	376	0	578
12-14	43.6	7.511	578	29	505	566	0	578
15-17	42.9	8.033	362	21	309	351	0	578
18-20	43.4	7.323	588	22	511	574	0	578
21-23	43.5	7.423	413	18	361	403	0	578
ALL HOURS	43.2	7.419	3874	176	3329	3801	0	3874

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	29.0	8.918	527	227	112	527	0	527
03-05	28.3	8.937	351	159	66	351	0	351
06-08	30.1	9.210	604	227	140	603	0	604
09-11	31.5	9.090	371	123	108	371	0	371
12-14	31.7	9.407	563	173	173	562	0	563
15-17	31.6	9.258	379	124	125	379	0	379
18-20	31.4	9.230	568	179	169	568	0	568
21-23	29.8	8.948	370	143	85	370	0	370
ALL HOURS	30.5	9.225	3733	1355	978	3731	0	3733

MONTH: OCT

00-02	9.3	16.178	587	516	0	587	0	594
03-05	8.7	16.294	394	342	0	394	0	594
06-08	9.9	15.958	610	531	2	610	0	594
09-11	11.3	15.186	396	349	3	396	0	594
12-14	13.6	14.059	594	488	9	594	0	594
15-17	13.9	14.562	404	335	13	404	0	594
18-20	11.4	16.053	601	511	11	601	0	594
21-23	9.7	16.074	411	362	4	411	0	594
ALL HOURS	11.0	15.679	3997	3434	42	3997	0	3997

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	-18.3	16.911	566	566	0	566	0	566
03-05	-18.7	17.376	378	378	0	378	0	378
06-08	-17.2	16.919	544	544	0	544	0	544
09-11	-16.8	16.364	379	379	0	379	0	379
12-14	-15.0	15.289	538	538	0	538	0	538
15-17	-14.5	15.005	370	370	0	370	0	370
18-20	-16.7	16.250	551	551	0	551	0	551
21-23	-17.5	16.147	367	367	0	367	0	367
ALL HOURS	-16.8	16.375	3693	3693	0	3693	0	3693

MONTH: DEC

00-02	-15.3	17.108	519	519	0	519	0	519
03-05	-14.0	16.508	343	343	0	343	0	517
06-08	-12.8	15.898	527	524	0	527	0	517
09-11	-13.0	16.091	379	377	0	379	0	517
12-14	-13.3	16.448	517	514	0	517	0	517
15-17	-13.1	15.840	368	367	0	368	0	517
18-20	-12.9	16.080	523	523	0	523	0	517
21-23	-13.9	16.492	346	346	0	346	0	517
ALL HOURS	-13.5	16.343	3522	3513	0	3522	0	3522

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	10.6	28.411	6722	4374	1707	6687	0	6722
03-05	10.1	28.208	4434	2892	1081	4420	0	4434
06-08	11.4	28.336	6450	4141	1620	6386	0	6450
09-11	11.8	27.822	4331	2788	1112	4294	0	4331
12-14	13.2	26.656	6608	4175	1676	6554	0	6608
15-17	12.7	26.182	4359	2815	1085	4327	0	4359
18-20	12.7	27.157	6625	4179	1698	6579	0	6625
21-23	12.3	28.316	4512	2851	1225	4460	0	4512
ALL HOURS	11.9	27.667	44041	28215	11204	43707	0	44041

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.6	99.4	95.7	80.0	40.6	24.9	14.0	3.4	60.5	470
03-05	100.0	99.7	99.7	96.1	78.6	41.1	25.7	15.1	3.6	60.4	304
06-08	100.0	99.6	98.9	95.7	83.0	58.1	38.9	23.4	3.8	64.3	470
09-11	100.0	99.7	99.4	98.1	87.0	59.1	35.7	18.8	3.9	64.4	308
12-14	100.0	100.0	99.8	97.4	85.1	55.3	37.4	22.6	4.3	64.5	470
15-17	100.0	99.4	98.7	96.5	84.2	57.4	37.7	20.0	2.3	63.9	310
18-20	100.0	99.8	98.8	95.6	81.3	53.5	35.1	21.8	3.1	63.2	482
21-23	100.0	100.0	99.7	98.1	86.3	48.8	26.7	15.8	2.5	62.3	322
ALL HOURS	100.0	99.7	99.3	96.6	83.0	51.8	33.0	19.3	3.4	63.0	3136

MONTH: FEB

00-02	100.0	99.8	98.8	93.5	75.4	40.9	23.6	11.4	.8	59.1	492
03-05	100.0	99.4	99.1	91.9	71.3	36.8	19.6	12.5	2.2	57.7	321
06-08	100.0	100.0	99.4	94.5	81.9	54.5	34.9	18.1	2.1	62.7	470
09-11	100.0	100.0	99.1	94.3	79.7	56.6	33.9	17.4	2.2	62.7	316
12-14	100.0	99.8	98.6	92.1	73.2	51.7	33.2	17.8	2.3	61.3	518
15-17	100.0	99.7	98.5	93.0	71.6	48.0	34.8	16.7	3.8	61.0	342
18-20	100.0	100.0	98.8	94.3	76.2	47.4	31.1	15.9	2.6	60.9	492
21-23	100.0	100.0	98.5	95.7	78.2	43.6	27.0	12.0	.3	60.0	326
ALL HOURS	100.0	99.8	98.8	93.6	76.0	47.6	30.0	15.3	2.0	60.7	3277

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.2	97.5	91.4	66.6	44.7	23.6	12.8	2.5	58.2	602
03-05	100.0	99.2	99.0	91.0	70.1	47.9	29.9	13.4	3.9	59.9	388
06-08	100.0	99.2	98.1	93.3	78.0	55.6	38.2	21.8	4.4	62.8	523
09-11	100.0	99.0	96.1	81.9	60.6	37.5	22.3	9.4	3.4	55.1	381
12-14	100.0	98.8	93.9	71.9	41.0	22.7	11.7	4.9	1.0	48.8	573
15-17	100.0	97.9	88.7	63.1	33.2	14.7	6.2	2.1	.5	45.2	388
18-20	100.0	99.1	94.2	77.2	50.4	27.6	13.8	5.1	1.2	51.4	565
21-23	100.0	99.5	96.6	89.7	65.9	39.3	19.9	9.0	2.1	56.7	387
ALL HOURS	100.0	99.0	95.6	82.6	58.2	36.4	20.7	10.0	2.3	54.8	3807

MONTH: APR

00-02	100.0	100.0	99.5	95.4	83.3	57.7	28.0	11.9	2.7	62.2	586
03-05	100.0	99.5	98.4	96.6	88.6	68.3	44.9	16.6	5.7	66.3	385
06-08	100.0	99.8	99.4	98.0	89.5	69.1	42.4	19.2	6.8	67.0	543
09-11	100.0	99.7	96.6	84.6	49.0	22.8	8.5	3.4	.3	51.2	351
12-14	100.0	100.0	91.0	62.5	30.6	13.1	4.9	2.5		45.1	566
15-17	100.0	98.6	85.6	47.7	19.5	7.6	3.1	1.1	.3	40.9	354
18-20	100.0	99.8	92.4	66.2	32.7	13.4	6.5	1.9	.2	45.9	538
21-23	100.0	100.0	99.5	92.9	74.8	41.9	17.5	8.8	2.7	58.4	365
ALL HOURS	100.0	99.7	95.4	80.7	59.1	37.5	19.9	8.4	2.4	54.9	3688

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	99.3	94.2	72.3	47.5	28.4	11.8	1.8	60.1	602
03-05	100.0	100.0	99.5	97.2	83.6	59.0	35.6	13.8	3.8	63.8	390
06-08	100.0	100.0	98.9	89.1	66.4	42.0	24.5	11.3	5.5	58.4	548
09-11	100.0	98.6	83.0	54.3	24.7	11.8	6.3	3.4	1.4	42.9	348
12-14	99.8	95.1	69.4	36.3	17.2	8.2	4.0	1.4	.7	37.8	576
15-17	99.5	91.1	58.0	31.7	13.6	7.6	4.6	2.2		35.0	369
18-20	100.0	92.6	66.5	39.0	18.1	10.2	4.5	1.9	.2	37.7	579
21-23	100.0	99.7	95.2	75.6	50.4	28.8	16.5	5.3	1.0	51.6	393
ALL HOURS	99.9	97.1	83.8	65.0	43.7	27.2	15.7	6.5	1.8	48.6	3805

MONTH: JUN

00-02	100.0	99.5	99.3	96.3	87.2	68.5	43.3	22.8	3.9	66.6	571
03-05	100.0	99.7	99.5	98.7	94.9	75.8	47.0	23.1	4.1	69.0	389
06-08	100.0	100.0	99.4	95.7	80.9	54.5	28.1	13.0	3.4	61.9	530
09-11	100.0	100.0	92.2	68.2	38.8	19.8	8.9	4.2	.8	47.8	358
12-14	100.0	96.6	77.0	47.1	21.9	9.6	4.7	2.9	.7	40.5	552
15-17	100.0	93.4	67.4	37.3	16.6	6.6	3.3	1.9	1.1	37.2	362
18-20	100.0	94.3	70.9	45.0	21.8	8.8	4.3	2.5	.7	39.6	560
21-23	100.0	100.0	96.1	86.0	62.5	38.2	16.8	7.5	1.8	55.3	387
ALL HOURS	100.0	97.9	87.6	71.9	53.4	35.6	19.9	10.0	2.1	52.3	3709

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	98.5	98.5	97.2	91.8	78.2	53.4	30.0	6.0	69.6	601
03-05	100.0	98.2	98.2	98.2	96.7	85.2	62.1	35.1	6.9	72.5	393
06-08	100.0	98.1	98.1	97.9	92.8	75.2	48.7	22.0	6.4	68.1	528
09-11	100.0	99.2	97.0	85.9	61.5	33.0	13.6	7.8	3.9	54.5	361
12-14	100.0	98.0	89.9	63.4	38.7	18.5	9.2	5.2	2.7	46.9	563
15-17	100.0	96.3	80.9	53.6	27.9	14.8	8.5	4.8	1.7	43.4	351
18-20	100.0	98.6	87.2	60.0	36.5	19.6	9.9	6.1	1.7	46.3	578
21-23	100.0	98.4	98.1	94.6	76.9	54.8	28.5	12.7	2.4	61.2	425
ALL HOURS	100.0	98.2	93.6	81.3	65.7	48.0	29.8	15.7	4.0	58.0	3800

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	99.8	95.3	78.1	45.1	10.9	77.6	599
03-05	100.0	100.0	100.0	100.0	99.7	97.7	90.7	62.8	19.3	81.5	398
06-08	100.0	100.0	100.0	99.8	98.7	95.7	83.9	57.9	22.6	80.5	553
09-11	100.0	100.0	99.7	93.5	82.2	58.2	29.5	17.0	6.5	62.8	383
12-14	100.0	99.8	97.4	84.8	61.6	34.9	19.0	11.9	4.3	55.7	578
15-17	100.0	99.4	95.0	73.5	45.0	27.9	14.9	7.7	2.2	51.0	362
18-20	100.0	100.0	97.1	83.7	59.9	40.6	23.3	11.7	2.2	56.2	588
21-23	100.0	99.5	99.5	99.3	96.6	82.6	56.9	33.7	6.5	72.0	413
ALL HOURS	100.0	99.9	98.6	92.0	80.7	67.0	50.1	31.2	9.4	67.4	3874

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	98.9	98.9	98.7	97.7	92.6	75.5	42.5	8.0	76.1	527
03-05	100.0	100.0	100.0	100.0	100.0	96.6	84.0	60.7	14.2	80.3	351
06-08	100.0	100.0	100.0	100.0	99.8	96.2	88.1	67.1	32.6	83.4	604
09-11	100.0	100.0	100.0	98.9	88.9	69.8	44.7	22.4	9.2	68.0	371
12-14	100.0	100.0	99.1	89.5	66.6	38.9	19.0	11.0	3.9	57.3	563
15-17	100.0	100.0	97.4	79.7	53.3	29.3	15.3	7.1	1.8	52.6	379
18-20	100.0	99.6	98.9	92.6	77.1	51.2	29.8	14.6	2.1	61.0	568
21-23	100.0	99.5	99.5	99.2	96.8	86.2	65.1	35.4	8.1	73.6	370
ALL HOURS	100.0	99.7	99.2	94.9	85.0	69.8	52.7	32.9	10.6	69.1	3733

MONTH: OCT

00-02	100.0	100.0	99.5	98.8	96.3	87.1	71.9	48.6	12.4	75.8	587
03-05	100.0	100.0	99.7	98.5	96.4	87.3	74.4	50.8	15.0	76.6	394
06-08	100.0	100.0	99.7	99.3	97.2	93.4	84.8	63.8	30.3	81.3	610
09-11	100.0	99.7	99.2	99.0	95.7	91.7	73.5	47.2	21.2	77.2	396
12-14	100.0	100.0	99.8	98.5	92.4	80.8	60.4	39.1	15.5	73.1	594
15-17	100.0	99.8	99.0	98.3	91.6	79.0	61.1	33.4	12.4	72.1	404
18-20	100.0	99.7	99.3	99.0	95.7	83.0	67.9	47.6	12.6	75.1	601
21-23	100.0	100.0	100.0	99.0	96.4	87.8	70.1	47.7	12.9	75.9	411
ALL HOURS	100.0	99.9	99.5	98.8	95.2	86.2	70.7	47.8	16.8	76.0	3997

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	99.6	98.2	94.3	84.1	48.4	30.6	16.3	.5	61.7	566
03-05	100.0	98.9	97.6	94.2	84.9	47.9	28.8	14.8	1.3	61.2	378
06-08	100.0	99.8	98.2	95.2	86.6	63.1	41.4	20.8	1.8	65.0	544
09-11	100.0	99.5	98.7	96.0	89.7	62.5	40.4	20.3	1.8	65.2	379
12-14	100.0	98.9	97.4	94.4	84.6	61.0	34.8	19.3	1.3	63.7	538
15-17	100.0	100.0	98.9	95.9	88.6	60.3	40.3	19.2	2.7	64.9	370
18-20	100.0	99.6	98.4	94.7	85.7	55.5	35.8	18.9	1.1	63.4	551
21-23	100.0	99.7	99.2	93.7	86.6	50.7	34.1	17.4	1.1	62.7	367
ALL HOURS	100.0	99.5	98.3	94.8	86.1	56.3	35.7	18.4	1.4	63.5	3693

MONTH: DEC

00-02	100.0	99.0	97.5	93.6	85.7	54.9	36.8	18.1	3.3	63.4	519
03-05	100.0	100.0	98.8	96.2	86.6	59.5	38.8	1.8	2.3	64.5	343
06-08	100.0	99.6	98.9	97.5	92.0	71.0	51.0	26.8	4.4	68.5	527
09-11	100.0	100.0	98.9	97.4	88.7	68.1	49.3	26.6	4.5	67.6	379
12-14	100.0	100.0	99.4	97.5	90.1	65.8	46.2	26.3	4.8	67.2	517
15-17	100.0	100.0	98.9	97.6	89.9	67.9	46.2	21.7	4.1	67.1	368
18-20	100.0	99.6	99.2	97.3	88.1	68.5	48.2	25.2	4.8	67.4	523
21-23	100.0	99.1	98.6	97.4	90.2	62.4	43.1	22.3	3.2	66.1	346
ALL HOURS	100.0	99.7	98.8	96.8	89.0	64.9	45.1	23.3	4.0	66.5	3522

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	99.5	98.9	95.8	85.1	63.6	43.6	24.0	4.8	66.0	6722
03-05	100.0	99.5	99.1	96.6	88.0	67.9	49.3	28.5	7.0	68.1	4434
06-08	100.0	99.7	99.1	96.4	87.6	69.9	51.5	31.4	11.0	69.1	6450
09-11	100.0	99.6	96.7	87.8	70.9	49.8	31.1	16.8	5.1	60.2	4331
12-14	100.0	98.9	92.6	77.5	57.9	37.9	23.4	13.6	3.5	54.9	6608
15-17	100.0	98.0	88.9	72.3	52.9	35.2	23.1	11.6	2.8	52.9	4359
18-20	100.0	98.5	91.6	78.3	59.8	39.7	25.7	14.4	2.8	55.5	6625
21-23	100.0	99.6	98.5	93.3	80.0	55.9	35.5	19.2	3.8	63.1	4512
ALL HOURS	100.0	99.2	95.6	87.2	72.8	52.5	35.5	20.1	5.2	61.3	44041

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFFF
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0300	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0600	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
0900	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1500	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1800	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
2100	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
ALL HOURS	MEAN	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.86	29.97	29.86	29.85	29.84	29.78	29.87	29.87	29.86	29.81	29.85	29.92	29.86
	SD	.420	.370	.330	.275	.225	.200	.145	.211	.248	.359	.344	.442	.305
	TOT OBS	116	111	161	183	188	183	180	154	171	170	159	152	1928
0300	MEAN	29.86	29.98	29.86	29.85	29.86	29.79	29.86	29.88	29.86	29.81	29.85	29.94	29.86
	SD	.423	.374	.328	.277	.227	.202	.154	.214	.239	.365	.346	.429	.305
	TOT OBS	116	110	160	184	184	182	179	160	167	167	159	155	1923
0600	MEAN	29.86	29.98	29.88	29.86	29.85	29.81	29.88	29.86	29.85	29.83	29.86	29.94	29.86
	SD	.423	.377	.323	.273	.222	.197	.143	.211	.247	.348	.356	.425	.297
	TOT OBS	122	109	169	187	209	225	210	193	205	204	157	146	2136
0900	MEAN	29.83	30.00	29.92	29.86	29.87	29.81	29.89	29.88	29.88	29.81	29.85	29.87	29.87
	SD	.384	.369	.325	.279	.221	.197	.155	.206	.246	.359	.359	.417	.311
	TOT OBS	175	167	208	184	186	182	176	156	176	172	207	215	2204
1200	MEAN	29.88	29.97	29.87	29.87	29.83	29.79	29.87	29.86	29.87	29.84	29.85	29.93	29.86
	SD	.414	.372	.304	.283	.222	.200	.147	.200	.247	.351	.336	.438	.294
	TOT OBS	120	112	164	203	205	217	221	200	200	203	150	147	2142
1500	MEAN	29.86	30.00	29.90	29.85	29.83	29.77	29.86	29.86	29.86	29.82	29.86	29.88	29.86
	SD	.389	.366	.307	.278	.217	.201	.155	.201	.245	.360	.368	.426	.311
	TOT OBS	163	159	206	186	188	183	170	157	167	168	196	213	2156
1800	MEAN	29.84	29.96	29.86	29.83	29.80	29.76	29.84	29.82	29.84	29.82	29.90	29.91	29.84
	SD	.394	.366	.315	.278	.214	.197	.141	.202	.245	.346	.372	.433	.300
	TOT OBS	147	140	182	202	210	227	222	199	203	207	169	182	2290
2100	MEAN	29.85	30.01	29.87	29.83	29.81	29.76	29.84	29.86	29.85	29.81	29.83	29.87	29.85
	SD	.394	.384	.309	.283	.214	.198	.145	.200	.247	.353	.361	.436	.307
	TOT OBS	148	134	193	186	195	192	194	170	175	179	187	183	2136
ALL HOURS	MEAN	29.85	29.99	29.88	29.85	29.83	29.78	29.86	29.86	29.86	29.82	29.86	29.90	29.86
	SD	.403	.372	.318	.279	.221	.200	.149	.206	.246	.355	.357	.431	.304
	TOT OBS	1107	1042	1443	1515	1565	1591	1552	1389	1464	1470	1384	1393	16915

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	29.39	29.50	29.39	29.38	29.38	29.31	29.40	29.40	29.39	29.34	29.38	29.45	29.39
	SD	.415	.365	.326	.273	.223	.199	.145	.210	.245	.355	.340	.436	.301
	TOT OBS	116	111	161	183	188	183	180	154	171	170	159	152	1928
0300	MEAN	29.39	29.51	29.39	29.38	29.39	29.32	29.41	29.41	29.39	29.34	29.38	29.47	29.39
	SD	.418	.369	.324	.274	.225	.200	.154	.213	.237	.361	.342	.423	.302
	TOT OBS	116	110	160	184	184	182	179	160	167	167	159	155	1923
0600	MEAN	29.39	29.51	29.41	29.39	29.38	29.34	29.41	29.39	29.38	29.36	29.39	29.47	29.39
	SD	.418	.372	.320	.270	.220	.196	.143	.209	.245	.344	.352	.420	.293
	TOT OBS	122	109	169	187	209	225	210	193	205	204	157	146	2136
0900	MEAN	29.37	29.53	29.45	29.39	29.40	29.34	29.42	29.41	29.41	29.34	29.38	29.40	29.40
	SD	.379	.365	.321	.276	.219	.196	.155	.206	.243	.355	.355	.411	.308
	TOT OBS	175	167	208	184	186	182	176	156	176	172	207	215	2204
1200	MEAN	29.41	29.50	29.40	29.40	29.36	2.32	29.40	29.39	29.40	29.37	29.38	29.46	29.39
	SD	.408	.367	.300	.279	.220	.199	.146	.199	.244	.347	.332	.433	.290
	TOT OBS	120	112	164	203	205	217	221	200	200	203	150	147	2142
1500	MEAN	29.39	29.53	29.43	29.38	29.36	29.30	29.39	29.39	29.39	29.35	29.39	29.41	29.39
	SD	.384	.362	.304	.274	.215	.200	.154	.200	.243	.356	.364	.420	.308
	TOT OBS	163	159	206	186	188	183	170	157	167	168	196	213	2156
1800	MEAN	29.38	29.49	29.39	29.36	29.33	29.29	29.37	29.35	29.37	29.35	29.43	29.44	29.37
	SD	.389	.362	.312	.275	.212	.196	.141	.201	.243	.342	.368	.428	.297
	TOT OBS	147	140	182	202	210	227	222	199	203	207	169	182	2290
2100	MEAN	29.38	29.54	29.40	29.36	29.34	29.29	29.37	29.39	29.38	29.34	29.36	29.40	29.38
	SD	.390	.379	.305	.279	.213	.197	.145	.199	.244	.349	.357	.431	.304
	TOT OBS	148	134	193	186	195	192	194	170	175	179	187	183	2136
ALL HOURS	MEAN	29.39	29.52	29.41	29.38	29.36	29.32	29.39	29.39	29.39	29.35	29.39	29.43	29.39
	SD	.398	.368	.315	.275	.219	.199	.149	.205	.243	.351	.353	.426	.301
	TOT OBS	1107	1042	1443	1515	1565	1591	1552	1389	1464	1470	1384	1393	16915

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAAA	RRRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	GG GGGG
PP	AAAAAAAAAA	RR RR	TT	GG GGGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JAN

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				784				784				803				791
CATEGORY B				784				784				806				792

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				774				773				803				799
CATEGORY B				777				774				804				801

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				3944				6311
CATEGORY B				3953				6322

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: FEB

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				740				738				748				751
CATEGORY B				740				738				749				753

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				753				755				757				752
CATEGORY B				755				757				759				753

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				3764				5994
CATEGORY B				3773				6004

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: MAR

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A				871				865				880				877
CATEGORY B				871				865				883				877

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A				868	.1			885				886				887
CATEGORY B				870	.1			886				887				887

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED KTS								
CATEGORY A	.0			4396	.0			7019
CATEGORY B	.0			4403	.0			7026

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: APR

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				850				845				873				846
CATEGORY B				850				845				875				848

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			865				849				861				846
CATEGORY B	.1	.1		866				849				861				846

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4294	.0			6835
CATEGORY B	.0	.0		4299	.0	.0		6840

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: MAY

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A				866				852				903				879
CATEGORY B				866				852	.1			905				879

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A	.1			874				898	.1			877				869
CATEGORY B	.1			877				892	.1			879				869

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED KTS								
CATEGORY A	.0			4431	.0			7018
CATEGORY B	.1			4438	.0			7025

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUN

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				813				810				855				829
CATEGORY B				813				812				855				832

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				829				830	.2			842				813
CATEGORY B				829				830	.2			842				813

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4185	.0			6621
CATEGORY B	.0			4188	.0			6626

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: JUL

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				806				808	.1			825				813
CATEGORY B				806				809	.1			825				813

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				827				814				827				818
CATEGORY B				828				816				828				818

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0			4106	.0			6538
CATEGORY B	.0			4110	.0			6543

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: AUG

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100				
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A				756				751				758				.1	760
CATEGORY B				756				751				759				.1	760

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300				
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	
CATEGORY A	.1			770				755				774					758
CATEGORY B	.1			770				755				775					758

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.1			3817	.0			6082
CATEGORY B	.1			3819	.0			6084

OPERATING LOCATION "A"
 USAF ETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: SEP

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A				797				795				874				815
CATEGORY B				797				795				877	.1			816

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A	.1	.1		825				815				835				802
CATEGORY B	.1	.1		825				815				837				802

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED KTS								
CATEGORY A	.0	.0		4164	.0	.0		6558
CATEGORY B	.0	.0		4170	.0	.0		6564

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940 STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: OCT

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE15	GE20	GE5	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				871				861				891				854
CATEGORY B				871				861				891				857

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				876				876				882				883
CATEGORY B				876				876				883				883

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				4379				6994
CATEGORY B				4383				6998

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: NOV

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				766				755				758				771
CATEGORY B				766				755				759				771

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				757				762				769				760
CATEGORY B				757				765				770				761

TIME (LST)	0600 - 2000				ALL HOURS											
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS								
CATEGORY A								3817								6098
CATEGORY B								3822								6104

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
 LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
 MONTH: DEC

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A				798				774				799				798
CATEGORY B				798				774				800				798

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED (KTS)																
CATEGORY A				796				799				810				782
CATEGORY B				796				800				810				783

TIME (LST)	0600 - 2000				ALL HOURS			
	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
SPEED KTS								
CATEGORY A				4002				6356
CATEGORY B				4004				6359

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 030-210

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: ALL

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A				9718				9638	.0			9967	.0			9784
CATEGORY B				9718				9641	.0			9984	.0			9796

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0	.0		9814	.0			9811	.0			9923				9769
CATEGORY B	.0	.0		9826	.0			9821	.0			9935				9774

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	.0	.0		49299	.0	.0		78424
CATEGORY B	.0	.0		49362	.0	.0		78495

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPP	AAAAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPP	AA AA	RRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 701940

STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

.....
YEARS | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN
.....

.....
MEAN |
SD |

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 701940 STATION NAME: FORT YUKON ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89

.....
YEARS | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN
.....

.....
MEAN |

SD |

A W S	STATION NAME: FORT YUKON ALASKA	FIELD ELEV: 433 FT
CLIMATIC BRIEF (LIMITED)	LATITUDE/LONGITUDE: 66 34 N 145 15 W	STATION MSC: 701940
	HOURLY OBS POR: JAN 80 - DEC 89	CALL SIGN: PFYU
	SUMMARY OF DAY POR: JAN 24 - DEC 33, JAN 45 - DEC 66 (PART TIME)	SUPERSEDES: DEC 71
JUN 90	HOURS SUMMARIZED: VARIABLE HOURS	
	LST TO UTC: +09	

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
@ EXTRM MAX TEMP (F)	40	36	50	64	91	89	97	88	79	52	38	35	97	40
MEAN MAX TEMP (F)	-13	-6	13	33	55	69	72	66	50	27	2	-12	30	30
MEAN TEMP (F)	-22	-16	0	20	44	59	62	55	41	20	-5	-20	20	30
MEAN MIN TEMP (F)	-29	-25	-12	8	32	47	51	44	32	13	-13	-28	10	30
@ EXTRM MIN TEMP (F)	-69	-68	-51	-41	-5	25	25	21	3	-37	-52	-67	-69	40
D/W TEMP GE 80 (F)	0	0	0	0	1	2	5	2	0	0	0	0	10	30
D/W TEMP GE 70 (F)	0	0	0	0	2	16	19	9	1	0	0	0	47	30
D/W TEMP LT 33 (F)	31	28	30	29	16	1	#	2	16	30	30	31	244	30
D/W TEMP LT 0 (F)	29	25	22	8	#	0	0	0	0	4	21	30	139	30
HEATING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COOLING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
@@ MEAN DEWPOINT TEMP (F)	*	*	*	9	25	42	46	43	31	11	*	*	*	10
@@ MEAN WET BULB TEMP (F)	*	*	*	19	37	51	54	49	36	16	*	*	*	10
99.95% WCPA (FT)	1700	1500	1450	1350	1200	1150	950	1100	1250	1600	1600	1750	1400	10
MEAN REL HUM 07 LST(%)	64.3	62.7	62.8	67.0	58.4	61.9	68.1	80.5	83.4	81.3	65.0	68.5	69.1	10
MEAN REL HUM 13 LST(%)	64.5	61.3	48.8	45.1	37.8	40.5	46.9	55.7	57.3	73.1	63.7	67.2	54.9	10
MAX 24HR PRECIP (IN)	.49	.31	.24	.43	.66	1.25	1.52	1.55	.62	.75	.35	.38	1.55	30
MAX PRECIP (IN)	1.32	.78	.87	.92	1.07	3.40	2.85	2.96	1.98	1.67	1.17	1.02	9.73	30
MEAN PRECIP (IN)	.35	.28	.28	.21	.30	.79	.90	1.20	.87	.56	.42	.38	6.33	30
MIN PRECIP (IN)	#	.01	#	.00	#	.07	#	.05	.09	.07	.03	#	2.84	30
D/W PRECIP GE .01 (IN)	7	6	6	3	4	6	7	9	9	8	7	6	78	30
D/W PRECIP GT .50 (IN)	0	0	0	0	#	1	1	1	1	#	0	0	4	30
MAX 24HR SNFL (IN)	5.0	5.0	3.4	3.8	6.2	0	0	1.4	7.0	10.0	9.0	5.0	10.0	30
MAX SNFL (IN)	13.9	11.3	11.3	10.6	7.4	0	0	1.4	11.6	21.0	20.0	13.7	73.4	30
MEAN SNFL (IN)	5.9	4.8	4.6	2.4	.7	0	0	#	2.1	7.6	7.0	6.0	42.4	30
D/W SNFL GE .1 (IN)	7	6	6	3	1	0	0	#	1	7	7	6	44	30
D/W SNFL GE 1.5 (IN)	1	1	1	1	#	0	0	0	1	2	1	1	9	30
MAX DLY SNO DEPTH (IN)	36	38	46	48	32	0	0	#	4	17	22	29	48	30
PRVING WND DIR (DEG)	02-04	02-04	02-04	02-04	02-04	05-07	23-25	23-25	02-04	02-04	02-04	02-04	02-04	10
MEAN WND SPD (KTS)	3	4	5	6	7	6	6	5	5	5	4	3	5	10
@ MAX WND SPD (KTS)	23	35	29	26	21	27	25	30	30	22	25	30	35	10
SKY COVER GT 5/10 (%)	43.2	38.0	25.3	31.1	37.3	37.8	42.1	57.6	55.6	61.2	43.6	56.9	42.9	10
D/W THUNDERSTORMS	0	0	0	0	0	1	1	#	0	0	0	0	2	17
D/W FOG (VSBY LT 7 MI)	16	13	8	5	2	1	2	2	4	9	10	16	88	17

LEGEND: ANN = ANNUAL
 D/W = MEAN NUMBER OF DAYS WITH
 & = BASED ON LESS THAN FULL MONTHS
 ** = INSTANTANEOUS PEAK WINDS
 * = DATA NOT AVAILABLE
 POR/YOR = PERIOD/YEARS OF RECORD
 WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE
 # = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE
 % = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
	LST														
	00 - 02	25.6	8.1	4.2	3.6	2.7	6.1	2.8	.0	1.4	1.9	1.2	21.3	6.6	10
	03 - 05	22.8	7.1	1.6	1.4	2.1	.7	.0	.0	.0	6.0	2.4	16.1	5.0	10
CIG	06 - 08	28.2	16.2	7.4	6.6	6.4	9.1	6.9	17.7	22.5	28.9	18.7	21.4	15.8	10
LT 3000 FT	09 - 11	24.7	14.9	5.5	3.4	6.0	9.0	7.3	15.5	13.0	30.3	27.1	25.5	15.2	10
AND/OR	12 - 14	22.1	11.3	4.2	2.4	9.2	8.2	8.7	16.2	17.4	22.8	17.0	26.1	13.8	10
VSBY	15 - 17	23.2	6.3	2.6	2.3	12.9	7.9	7.9	14.9	11.2	21.6	23.1	23.2	13.1	10
LT 3 MI	18 - 20	26.7	7.8	4.9	2.3	7.2	5.7	5.6	12.4	10.0	22.1	17.8	19.1	11.8	10
	21 - 23	22.0	7.8	5.0	7.1	5.6	5.6	3.7	6.5	9.8	22.4	17.8	17.8	10.9	10
	ALL	24.5	10.6	4.7	3.7	7.3	7.4	6.4	13.8	14.3	23.6	19.2	22.2	12.1	10
	00 - 02	23.2	8.1	3.5	3.6	2.7	6.1	2.8	.0	1.4	1.9	1.2	21.3	6.3	10
	03 - 05	22.8	5.4	1.6	1.4	1.4	.7	.0	.0	.0	1.5	2.4	16.1	4.4	10
CIG	06 - 08	15.8	11.5	4.4	3.8	3.4	2.2	2.7	9.1	7.7	13.6	6.1	6.9	7.3	10
LT 1500 FT	09 - 11	17.7	11.7	3.0	3.1	2.2	2.5	2.2	8.2	3.4	13.1	15.7	11.6	7.9	10
AND/OR	12 - 14	18.5	9.9	1.8	1.1	3.0	2.0	3.7	7.8	3.7	12.1	8.3	13.8	7.1	10
VSBY	15 - 17	17.6	5.0	1.5	1.4	5.4	2.1	2.3	5.8	2.6	10.0	13.7	10.9	6.5	10
LT 3 MI	18 - 20	20.2	6.3	2.9	1.8	2.8	1.2	2.0	3.7	1.7	8.0	10.0	6.8	5.6	10
	21 - 23	14.8	5.7	3.2	6.6	3.9	5.1	1.8	1.2	.6	11.5	9.6	8.6	6.0	10
	ALL	18.1	8.3	2.7	2.7	3.3	2.4	2.5	6.2	3.7	11.0	10.2	10.4	6.2	10
	00 - 02	17.1	1.6	1.4	.0	.7	.8	.9	.0	1.4	.0	1.2	8.2	2.8	10
	03 - 05	16.5	.0	.0	.7	.0	.7	.0	.0	.0	1.5	2.4	8.9	2.6	10
CIG	06 - 08	13.5	8.3	3.9	3.1	1.5	1.1	1.3	6.0	4.1	9.2	4.8	3.3	5.0	10
LT 1000 FT	09 - 11	13.1	10.2	1.6	1.2	1.1	1.2	1.1	3.2	1.0	7.1	10.8	7.3	4.9	10
AND/OR	12 - 14	12.4	7.5	1.2	.8	1.5	1.0	.7	2.6	1.9	8.1	4.8	7.8	4.2	10
VSBY	15 - 17	10.3	4.0	1.3	.8	1.8	.0	.3	2.5	.4	7.2	9.1	6.0	3.6	10
LT 2 MI	18 - 20	14.6	2.4	1.0	1.0	1.1	.3	1.0	1.2	.8	5.6	6.6	2.1	3.1	10
	21 - 23	12.1	3.1	1.1	2.4	2.2	2.1	.9	.0	.0	7.7	6.1	4.6	3.5	10
	ALL	13.0	5.7	1.6	1.4	1.4	.9	.9	2.9	1.7	7.2	6.9	5.5	3.7	10
	00 - 02	9.8	.0	.0	.0	.0	.0	.0	.0	1.4	.0	.0	3.3	1.2	10
	03 - 05	11.4	.0	.0	.0	.0	.7	.0	.0	.0	1.5	1.2	5.4	1.7	10
CIG	06 - 08	6.6	2.4	.3	.0	.0	.0	.0	2.2	3.2	2.1	1.3	.4	1.5	10
LT 200 FT	09 - 11	4.3	2.9	.0	.0	.0	.0	.0	.0	.0	1.5	3.3	1.5	1.1	10
AND/OR	12 - 14	4.8	3.3	.0	.0	.2	.2	.0	.0	.3	1.0	.9	1.8	1.0	10
VSBY	15 - 17	2.4	1.0	.0	.0	.0	.0	.0	.0	.0	.4	1.1	1.0	.5	10
LT 1/2 MI	18 - 20	5.7	1.6	.0	.0	.0	.0	.0	.0	.0	1.4	1.7	1.3	1.0	10
	21 - 23	6.0	1.0	.0	.0	.4	.5	.0	.0	.0	1.3	2.6	1.0	1.1	10
	ALL	5.3	1.9	.0	.0	.1	.1	.0	.6	.9	1.3	1.7	1.4	1.0	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @ DATA SUPPLEMENTED FROM FORT YUKON HOURLY OBSERVATIONS FOR 1980 - 1989.

@@ MEAN DEW POINTS/WET-BULB TEMPERATURES UNRELIABLE IN WINTER MONTHS. DEW POINTS NOT REPORTED WHEN TEMPERATURE IS BELOW -35 DEGREES F (SEE FORT YUKON SOCS, NOTE 1, PAGE E-1-2).

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