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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR
COLD BAY, ALASKA

Prepared by

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

APRIL 1990

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13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED USAF, CIVILIAN AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM A 10-YEAR PERIOD OF RECORD (POR). "SUMMARY OF DAY" (SOD) INFORMATION IS SUMMARIZED FROM ALL AVAILABLE DATA IN THE OL-A, USAFETAC CLIMATIC DATABASE.
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PREFACE

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

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

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

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

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INTRODUCTION

STATION PERIOD OF RECORD.

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

SUMMARY OF DAY DATA: JAN 49 - DEC 89 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

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

TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

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

PART A

ATMOSPHERIC PHENOMENA SUMMARIES

THIS PART SUMMARIZES SPECIFIED ATMOSPHERIC PHENOMENA IN CATEGORIES AS FOLLOWS:

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

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

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

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

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

DUST AND/OR SAND: DUST, SAND, 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.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		14.2		27.4		41.6	7.8		5.6		55.0	923
03-05		15.7		26.6		42.3	6.8		7.4		56.5	924
06-08		16.1		29.3		45.4	5.3		7.1		57.8	921
09-11		14.7		27.5		42.2	7.4		8.0		57.5	918
12-14		13.0		23.9		37.0	7.8		7.4		52.2	920
15-17		13.2	.2	26.1		39.5	7.4		8.2		55.0	920
18-20		14.0	.6	26.3		40.9	9.4		6.3		56.6	928
21-23		13.2	.5	27.7		41.4	7.9		5.3		54.6	925
ALL HOURS		14.3	.2	26.8		41.3	7.5		6.9		55.6	7379

MONTH: FEB

00-02		14.0	.4	28.3		42.6	7.9		8.4		58.9	845
03-05		14.3	.2	29.2		43.8	8.2		7.6		59.5	845
06-08		16.6		28.9		45.5	7.9		3.1		61.5	844
09-11		16.3		27.4		43.7	9.6		8.9		62.1	847
12-14		16.6		24.5		41.1	10.1		8.6		59.7	842
15-17		16.5		24.3		40.9	8.7		9.0		58.6	846
18-20		14.0	.1	25.5		39.6	8.2		8.6		56.4	840
21-23		15.4		26.3		41.7	8.5		7.6		57.8	844
ALL HOURS		15.5	.1	26.8		42.4	8.6		8.3		59.3	6753

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		12.4		24.1		36.6	8.0		4.3		48.9	924
03-05		13.9	.4	28.3		42.7	7.8		4.0		54.5	919
06-08		15.1	.1	29.4		44.5	9.9		4.3	.1	58.8	923
09-11		14.0	.1	26.9		41.0	10.9		4.4		56.4	924
12-14		15.7		24.8		40.6	9.8		3.2		53.6	927
15-17		15.2	.2	21.0		36.4	8.3		3.1		47.7	924
18-20		13.5	.1	22.0		35.6	9.4		3.3		48.3	923
21-23		13.3		21.5		34.8	9.0		4.0		47.7	926
ALL HOURS		14.1	.1	24.7		39.0	9.1		3.8	.0	52.0	7390

MONTH: APR

00-02		16.3		30.6		47.0	9.1		4.7		60.7	894
03-05		18.2		32.2		50.3	8.7		4.7		63.8	892
06-08		17.8		30.8		48.6	11.9		4.0		64.5	897
09-11		17.4		28.7		46.0	10.3		4.6		60.9	897
12-14		16.3		22.5		38.8	6.7		4.5		49.9	895
15-17		16.8		23.5		40.3	6.4		3.4		50.1	891
18-20		17.7		24.3		42.0	9.7		3.2	.2	55.1	898
21-23		16.2		27.3		43.6	11.1		2.1	.3	57.1	893
ALL HOURS		17.1		27.5		44.6	9.2		3.9	.1	57.8	7157

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		25.0		7.7		32.7	9.6				42.3	920
03-05		26.8	.1	9.5		36.5	11.1				47.6	924
06-08		27.4	.1	9.6		37.1	13.2				50.3	925
09-11		26.1	.1	6.7		33.0	8.9				41.9	922
12-14		26.9	.2	5.3		32.5	4.9				37.4	918
15-17		27.4	.1	4.1		31.6	5.8			.1	37.5	921
18-20		26.5	.1	4.0		30.6	6.4				37.0	928
21-23		26.4		5.3		31.7	9.3				40.9	928
ALL HOURS		26.6	.1	6.5		33.2	8.6			.0	41.8	7386

MONTH: JUN

00-02		34.6		.6		35.2	16.7	.1			52.0	898
03-05		39.6		.7		40.2	19.8				60.1	897
06-08		38.1		.8		38.9	20.5				59.4	897
09-11		36.6		.6		37.2	14.2				51.4	895
12-14		35.4		.9		36.3	10.5				46.8	886
15-17		32.7		.7		33.3	9.5				42.9	891
18-20		31.2		.6		31.7	10.3				42.0	895
21-23		32.8		1.3		34.2	15.7	.3			50.3	889
ALL HOURS		35.1		.8		35.9	14.7	.1			50.6	7148

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		34.7				34.7	34.7				69.5	927
03-05		38.9				38.9	35.7				74.6	925
06-08		42.1				42.1	38.6			.1	80.8	928
09-11		36.9				36.9	26.8				63.7	923
12-14		30.4				30.4	15.1				45.5	923
15-17		27.6				27.6	10.7				38.3	919
18-20		28.3				28.3	13.9				42.2	920
21-23		31.3				31.3	26.1				57.4	920
ALL HOURS		33.8				33.8	25.2			.0	59.0	7385

MONTH: AUG

00-02		37.8				37.8	36.6			.1	74.5	929
03-05		39.5				39.5	36.9			.2	76.6	929
06-08	.2	39.7				39.7	35.3	.1			75.2	926
09-11	.1	35.5				35.5	24.9				60.4	921
12-14		31.0				31.0	16.5				47.5	923
15-17		28.5				28.5	14.1				42.5	924
18-20		31.4				31.4	19.5				50.9	929
21-23		37.0				37.0	31.3				68.2	928
ALL HOURS	.0	35.1				35.1	26.9	.0		.0	62.0	7409

OPERATING LOCATION "A"
USAFETA, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		34.4		.1		34.5	16.1				50.6	899
03-05		35.6				35.6	16.3				52.0	895
06-08		35.2				35.2	18.1				53.3	897
09-11	.2	37.2				37.2	13.6				50.8	896
12-14		31.8		.1		31.9	10.4				42.3	894
15-17		31.5		.1		31.6	11.8				43.4	898
18-20		32.0				32.0	16.2				48.2	895
21-23		35.6		.1		35.7	18.2				5.9	898
ALL HOURS	.0	34.2		.1		34.2	15.1				49.3	7172

MONTH: OCT

00-02		24.6		5.5		30.1	7.7		.1		37.8	928
03-05		28.6		6.4		34.9	6.1				41.1	928
06-08		28.3		5.7		34.1	6.3				40.3	928
09-11		25.8		5.0		30.8	6.3		.1		37.1	926
12-14		23.0		2.6		25.6	4.9		.1		30.6	925
15-17	.2	26.8		3.6		30.3	5.8		.1		36.2	927
18-20		26.3		5.5		31.8	7.5		.3		39.6	929
21-23		26.9		5.3		32.2	7.5		.5		40.2	925
ALL HOURS	.0	26.3		4.9		31.2	6.5		.2		37.9	7416

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		18.5		18.4		37.0	5.5		2.5		44.9	895
03-05		20.0		18.7		38.8	5.8		2.1		46.7	898
06-08	.1	22.1		22.1		44.2	6.0		2.7		53.0	895
09-11		21.1	.2	17.7		39.0	6.1		2.5		47.6	895
12-14		24.5		18.1		42.7	5.4		2.6		50.6	893
15-17		25.0		18.3		43.2	6.6		2.9		52.7	893
18-20	.2	23.5		20.8		44.3	8.5		3.4		56.2	893
21-23		19.9	.1	22.1		42.1	5.4		3.1		50.6	896
ALL HOURS	.0	21.8	.0	19.5		41.4	6.2		2.7		50.3	7158

MONTH: DEC

00-02		25.8	.1	22.8		48.7	6.4		3.3		58.4	926
03-05		24.5		23.1		47.5	7.1		4.2		58.8	928
06-08		24.9		24.8		49.8	8.9		5.3		64.0	930
09-11		22.3		18.1		40.4	8.1		5.3		53.8	928
12-14		24.6		17.6		42.2	9.3		3.6		55.0	927
15-17		25.9		19.6		45.5	8.3		3.9		57.7	927
18-20		24.7		18.9		43.6	10.3		4.0		57.9	920
21-23		23.9	.2	20.6		44.7	9.0		3.8		57.5	924
ALL HOURS		24.6	.0	20.7		45.3	8.4		4.2		57.9	7410

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		14.3	.2	26.8		41.3	7.5		6.9		55.6	7379
FEB		15.5	.1	26.8		42.4	8.6		8.3		59.3	6753
MAR		14.1	.1	24.7		39.0	9.1		3.8	.0	52.0	7390
APR		17.1		27.5		44.6	9.2		3.9	.1	57.8	7157
MAY		26.6	.1	6.5		33.2	8.6			.0	41.8	7386
JUN		35.1		.8		35.9	14.7	.1			50.6	7148
JUL		33.8				33.8	25.2			.0	59.0	7385
AUG	.0	35.1				35.1	26.9	.0		.0	62.0	7409
SEP	.0	34.2		.1		34.2	15.1				49.3	7172
OCT	.0	26.3		4.9		31.2	6.5		.2		37.9	7416
NOV	.0	21.8	.0	19.5		41.4	6.2		2.7		50.3	7158
DEC		24.6	.0	20.7		45.3	8.4		4.2		57.9	7410
ANNUAL	.0	24.9	.0	13.1		38.1	12.2	.0	2.5	.0	52.8	87163

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
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		47.1	2.2	66.3		85.7	41.8		21.4		88.6	1250
FEB		41.6	4.4	72.9	.2	87.0	40.9		25.7	.1	89.6	1134
MAR		43.0	2.9	73.9	.4	86.7	43.2	.1	19.8		89.4	1255
APR		52.2	1.8	69.8	.2	90.5	47.4	.2	11.9	.1	91.7	1208
MAY		78.1	.2	32.9	.5	86.7	46.6	.1	.9		89.7	1267
JUN		84.2		1.8	.1	84.4	58.9	.1			89.4	1223
JUL		84.4		.1		84.4	75.7	.2		.2	92.5	1240
AUG		88.9		.1		88.9	78.5	.1			93.1	1240
SEP	.1	89.3		2.8	.2	89.5	56.2	.1			91.0	1200
OCT	.2	80.6	.1	35.3	1.1	92.4	38.0		2.3		92.8	1239
NOV	.2	64.7	1.3	55.5	.4	89.7	39.3	.4	10.8		90.9	1179
DEC		53.1	3.9	67.5	.1	88.4	39.1	.1	19.1		90.4	1223
ANNUAL	.0	67.4	1.4	39.7	.3	87.8	50.6	.1	9.2	.0	90.8	14658

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO 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								.2			.1	
09-11								.1	.2			
12-14												
15-17										.2		
18-20											.2	
21-23												
ALL HOURS								.0	.0	.0	.0	
TOTAL OBS	7379	6753	7390	7157	7386	7148	7385	7409	7172	7416	7158	7410

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3		4.1	32.9	51.2	5.6	5.9	1070
FREEZING PRECIP							100.0	13
FROZEN PRECIP	1.1		19.0	10.1	10.5	8.6	50.7	1980
FOG	3.9		7.6	10.0	33.5	9.2	35.9	541
FOG WITH VIS GE 1/2 MILES	3.8		7.1	10.3	35.6	9.3	33.9	495
TOTAL OBS	150	0	1194	1122	1895	860	2144	7365

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP	.8		2.8	37.4	50.0	4.0	5.0	1064
FREEZING PRECIP			66.7				33.3	6
FROZEN PRECIP	1.2		13.9	10.0	10.4	5.3	59.3	1802
FOG	1.7		8.1	14.7	49.4	4.8	21.2	579
FOG WITH VIS GE 1/2 MILES	1.8		8.3	14.9	49.3	4.6	21.1	564
TOTAL OBS	138	0	1044	1194	1749	435	2174	6734

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.5		3.5	33.9	43.0	7.4	11.7	1064
FREEZING PRECIP	11.1		11.1				77.8	9
FROZEN PRECIP	.3		10.8	13.0	16.1	13.2	46.5	1827
FOG	.7		5.7	13.1	26.6	9.2	44.6	672
FOG WITH VIS GE 1/2 MILES	.3		5.1	13.8	28.3	9.5	42.9	622
TOTAL OBS	102	0	882	1195	1869	1002	2331	7381

MONTH: APR HOURS: ALL

TSTMS								
LIQUID PRECIP	.8		4.3	15.3	42.4	14.6	22.5	1242
FREEZING PRECIP								
FROZEN PRECIP	.5		9.2	7.2	11.4	9.9	61.8	1968
FOG	.9		5.0	4.4	36.8	12.3	40.7	661
FOG WITH VIS GE 1/2 MILES	.9		5.2	4.6	35.5	12.6	41.3	637
TOTAL OBS	78	0	776	672	1691	895	3043	7155

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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								
LIQUID PRECIP	.7		2.8	20.7	42.4	10.6	22.8	1988
FREEZING PRECIP							100.0	7
FROZEN PRECIP	.4		3.9	4.5	8.7	12.0	70.5	485
FOG	.5		1.3	11.1	51.4	5.0	30.7	638
FOG WITH VIS GE 1/2 MILES	.5		1.1	11.4	52.0	5.1	29.9	623
TOTAL OBS	86	0	42	1016	2350	719	2669	7382

MONTH: JUN HOURS: ALL

TSTMS								
LIQUID PRECIP	.7		6.2	15.2	35.3	10.3	32.3	2580
FREEZING PRECIP								
FROZEN PRECIP				1.9			98.1	54
FOG	.7		2.5	5.7	28.2	12.1	50.8	1045
FOG WITH VIS GE 1/2 MILES	.5		2.6	5.8	28.5	12.4	50.1	992
TOTAL OBS	103	0	622	955	2497	571	2391	7139

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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								
LIQUID PRECIP	.9		3.4	9.7	36.4	14.4	35.3	2588
FREEZING PRECIP								
FROZEN PRECIP								
FOG	1.2		2.4	5.3	30.8	14.1	46.3	1859
FOG WITH VIS GE 1/2 MILES	1.2		1.6	5.3	32.0	14.8	45.0	1707
TOTAL OBS	119	0	387	738	2532	736	2861	7373

MONTH: AUG HOURS: ALL

TSTMS					100.0			3
LIQUID PRECIP	.8		3.3	9.7	35.4	20.6	30.2	2725
FREEZING PRECIP								
FROZEN PRECIP								
FOG	2.4		2.6	6.8	31.5	18.9	37.8	1992
FOG WITH VIS GE 1/2 MILES	1.8		2.5	6.9	31.8	19.5	37.4	1892
TOTAL OBS	121	0	444	644	2271	1256	2673	7409

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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							100.0	2
LIQUID PRECIP	.8		5.2	11.1	36.1	19.1	27.8	2499
FREEZING PRECIP								
FROZEN PRECIP							100.0	4
FOG	.6		3.0	9.5	41.3	19.8	25.8	1082
FOG WITH VIS GE 1/2 MILES	.6		3.1	9.6	40.5	20.3	25.9	1049
TOTAL OBS	103	0	472	665	2126	1217	2580	7163

MONTH: OCT HOURS: ALL

TSTMS							100.0	2
LIQUID PRECIP	.4		8.9	16.0	21.6	18.9	34.2	1964
FREEZING PRECIP								
FROZEN PRECIP	1.1		7.3	2.2	2.4	15.5	71.5	368
FOG	.2		10.4	19.1	31.7	17.6	21.0	482
FOG WITH VIS GE 1/2 MILES	.2		10.5	19.1	31.4	17.8	21.0	477
TOTAL OBS	90	0	702	757	1372	1410	3080	7411

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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							100.0	3
LIQUID PRECIP	.3		5.1	20.4	33.9	19.1	21.2	1591
FREEZING PRECIP	33.3					33.3	33.3	3
FROZEN PRECIP	.2		11.3	1.5	4.5	18.3	64.2	1398
FOG	.7		6.8	15.9	39.5	18.4	18.8	441
FOG WITH VIS GE 1/2 MILES	.7		6.9	16.1	40.0	18.2	18.2	435
TOTAL OBS	61	0	599	760	1584	1603	2547	7154

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	.2		7.1	24.1	48.6	11.5	9.5	1852
FREEZING PRECIP				33.3	33.3		33.3	3
FROZEN PRECIP	.5		14.7	5.9	11.7	13.3	48.4	1534
FOG	2.9		10.7	13.5	38.8	12.7	21.5	624
FOG WITH VIS GE 1/2 MILES	2.0		10.8	13.9	39.6	12.6	21.2	604
TOTAL OBS	140	0	835	1173	2404	1107	1745	7404

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	NO OF OBS
TSTMS					50.0		50.0	10
LIQUID PRECIP	.6		4.8	17.9	38.2	14.0	24.4	22227
FREEZING PRECIP	4.9		12.2	2.4	2.4	2.4	75.6	41
FROZEN PRECIP	.7		12.6	7.9	10.6	11.9	56.4	11420
FOG	1.4		4.4	9.1	35.1	13.9	36.0	10616
FOG WITH VIS GE 1/2 MILES	1.2		4.3	9.4	35.6	14.3	35.2	10097
TOTAL OBS	1291	0	8499	10891	24340	11811	30238	87070

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	BBBBBBBBBB
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TTTTTTTTTTT	BBBBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	BBBBBBBBBBB
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	BBBBBBBBBBB
PP	AAAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBBBBB

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

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

DAILY EXTREMES.

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

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

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

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

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

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

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

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

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

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

CONVERSIONS:

- 1 INCH = 25.39998 MILLIMETERS

- 1 MILLIMETER = .03937 INCHES

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912

MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	14.7	13.1	13.2	10.2	13.4	16.2	15.6	11.1	10.5	7.6	10.8	11.6	12.4
TRACE	24.3	27.0	28.8	33.4	31.8	32.3	31.0	23.6	20.8	19.9	16.8	22.8	26.1
.01	8.0	8.9	7.6	9.7	7.6	8.1	8.5	9.1	6.9	6.1	5.0	7.4	7.8
.02-.05	18.8	20.1	20.1	18.7	17.3	15.9	15.0	18.0	17.7	18.5	19.8	19.2	18.2
.06-.10	11.0	10.8	11.0	11.4	9.9	7.9	8.0	9.9	12.4	14.0	14.0	12.4	11.0
.11-.25	14.0	10.8	12.1	11.0	11.5	12.6	12.0	12.7	16.5	19.1	17.1	16.0	13.8
.26-.50	5.8	5.4	4.9	3.1	5.4	4.6	6.9	9.7	7.9	9.1	8.6	5.6	6.4
.51-1.00	2.7	3.5	1.9	2.1	2.5	2.2	2.3	4.4	5.1	4.4	6.6	3.8	3.4
1.01-2.50	.7	.4	.4	.4	.6	.3	.7	1.5	2.0	1.0	1.3	1.1	.9
2.51-5.00									.2	.3	.2		.1
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	60.9	60.0	58.0	56.4	54.8	51.5	53.4	65.2	68.7	72.6	72.4	65.6	61.6
TOTAL NO. OF OBSERVATIONS	1269	1157	1269	1229	1271	1230	1240	1240	1200	1239	1200	1240	14784

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	2.47	2.71	2.15	.99	1.10	1.20	1.65	6.10	4.99	2.54	4.64	1.29	31.83
50	2.00	.08	.69	.60	1.09	.69	.61	5.82	6.83	3.49	1.79	1.79	25.48
51	1.82	3.42	2.84	2.11	3.20	3.01	1.05	9.97	3.44	5.46	2.82	1.99	41.13
52	1.74	3.33	2.80	2.21	2.64	6.77	3.57	6.91	.91	6.24	4.05	1.87	43.04
53	1.78	1.21	.99	.75	1.22	.69	1.74	2.49	4.82	2.14	7.60	3.77	29.20
54	.83	3.46	2.02	.79	3.60	.69							11.39*
55	5.53	2.05	3.97	1.03	4.71	2.30	2.93	4.71	3.55	2.64	2.64	1.04	37.10
56	.60	3.65	2.53	2.03	1.81	2.39	2.51	4.24	2.31	5.76	1.73	.19	29.75
57	6.45	2.76	2.00	2.47	.93	.35	2.50	3.33	3.38	4.54	5.19	3.52	37.42
58	1.30	.67	3.17	1.47	6.37	2.85	3.07	5.39	4.92	5.49	5.68	4.20	44.58
59	1.50	3.50	.76	2.34	2.56	2.08	3.23	2.25	5.27	4.35	5.95	1.41	35.20
60	3.75	2.42	.65	1.52	2.10	1.66	1.39	4.30	2.92	4.10	8.94	4.75	38.50
61	1.93	1.62	1.72	1.78	.95	.12	1.08	3.50	1.93	1.88	4.11	2.79	23.41
62	2.53	1.53	2.10	.76	2.37	.12	3.41	1.98	3.84	4.16	2.57	1.02	26.39
63	4.91	.43	3.02	1.66	1.32	1.06	4.28	2.69	3.61	3.03	1.46	2.01	29.48
64	1.33	1.75	1.32	.21	1.15	1.85	1.74	3.56	5.25	3.33	3.71	1.31	26.51
65	1.21	2.78	3.05	.83	2.66	2.54	1.20	1.57	9.79	2.75	2.55	1.77	32.70
66	2.21	1.59	1.40	1.31	2.49	.79	4.63	3.73	4.28	2.96	2.80	2.09	30.28
67	1.60	2.58	2.54	3.06	.62	2.48	2.89	4.72	2.91	2.71	7.40	4.49	38.00
68	2.77	1.29	1.21	1.37	1.30	.84	.99	3.53	2.55	8.02	3.32	1.17	28.36
69	3.75	2.33	1.92	1.09	3.44	2.52	2.01	5.02	5.18	3.90	2.97	2.33	36.46
70	2.11	4.15	3.32	3.83	2.06	2.99	3.86	3.82	5.62	5.82	2.89	5.94	46.41
71	1.34	2.17	.59	.43	3.75	6.67	2.27	2.76	3.86	3.28	5.11	4.87	37.10
72	4.08	1.09	.41	3.09	2.06	2.91	1.82	3.84	1.30	3.91	6.96	6.49	37.96
73	1.97	1.60	1.87	1.30	1.06	.78	1.31	2.16	3.07	4.80	2.45	2.67	25.04
74	2.96	2.72	.72	1.69	3.12	.92	1.93	2.63	2.55	2.15	3.78	1.73	26.90
75	3.12	4.93	2.85	2.53	.88	3.03	2.55	1.10	4.23	3.18	1.15	5.03	34.58
76	1.88	2.88	3.76	2.09	.94	2.69	1.92	2.01	2.38	5.63	2.51	2.89	31.58
77	4.82	2.36	4.70	2.38	1.71	1.14	2.89	3.32	2.63	5.12	6.85	3.55	41.47
78	3.70	1.74	2.22	5.42	3.63	2.84	5.67	2.88	3.82	7.67	6.67	6.89	53.15
79	4.10	.78	4.65	6.55	4.92	1.98	2.02	5.33	5.31	7.14	7.57	2.21	52.56
80	3.51	1.69	3.52	1.71	4.22	3.67	2.68	3.95	5.23	4.42	2.88	2.24	39.72

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	2.34	4.45	2.34	1.30	3.09	1.75	2.64	5.73	2.25	6.51	3.11	3.16	38.67
82	5.41	1.13	3.45	1.33	4.13	2.93	6.13	2.17	6.44	2.41	5.12	3.10	43.75
83	1.58	.66	.88	3.53	1.59	1.31	2.71	4.06	4.41	4.82	5.69	7.31	38.55
84	2.30	2.82	1.56	1.79	1.20	1.45	1.77	1.48	2.87	3.64	7.61	3.19	31.68
85	3.29	2.42	2.85	1.01	2.45	2.19	2.27	5.47	7.14	6.59	7.72	4.95	48.35
86	2.05	2.23	.55	1.12	2.02	1.91	2.48	2.63	7.37	3.03	5.08	4.94	35.41
87	3.17	3.15	3.18	1.94	1.52	4.00	1.80	2.56	4.25	5.60	3.17	3.69	38.03
88	3.70	2.91	.89	1.81	2.70	1.69	1.12	3.03	3.90	3.28	3.97	6.37	35.37
89	1.68	4.02	.52	2.20	2.21	2.48	1.40	3.20	7.77	4.39	2.60	3.81	36.28
LEAST	.60	.08	.41	.21	.62	.12	.61	1.10	.91	1.88	1.15	.19	23.41
GREATEST	6.45	4.93	4.70	6.55	6.37	6.77	6.13	9.97	9.79	8.02	8.94	7.31	53.15
MEAN	2.71	2.32	2.14	1.89	2.36	2.10	2.44	3.75	4.23	4.32	4.37	3.24	35.93
MEDIAN	2.30	2.36	2.10	1.69	2.10	1.98	2.27	3.52	3.88	4.13	3.88	3.00	36.37
SD	1.372	1.137	1.182	1.246	1.304	1.437	1.220	1.716	1.864	1.596	2.074	1.794	7.272
TOTAL OBS	1269	1157	1269	1229	1271	1230	1240	1240	1200	1239	1200	1240	14784

THE GREATEST VALUE OF 9.97 OCCURRED ON 08/51

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	.93	.57	.71	.19	.26	.26	.26	1.73	1.24	.82	.90	.18	1.73
50	1.05	.03	.10	.18	.31	.20	.26	1.54	2.96	.89	.85	.31	2.96
51	.24	.96	1.24	1.76	.88	.95	.35	2.17	.85	2.52	.76	.31	2.52
52	.42	.83	.34	.51	.87	2.02	.62	1.84	.32	1.57	.89	.56	2.02
53	.75	.19	.12	.10	.24	.19	.63	.48	1.09	.62	1.01	.74	1.09
54	.23	.86	.41	.22	1.07	.17							1.07*
55	.90	.73	.79	.36	.70	.57	1.04	1.04	1.81	.46	.59	.67	1.81
56	.23	1.69	1.26	.51	.45	.93	.46	.78	.82	2.05	.85	.08	2.05
57	1.09	1.15	.53	.94	.23	.29	.80	.79	.61	.82	.67	1.04	1.15
58	.28	.22	1.00	.57	2.13	.27	.37	1.99	1.29	1.27	1.29	1.38	2.13
59	.41	.93	.11	.45	.46	.69	.45	.58	1.10	1.00	1.20	.33	1.20
60	.80	.58	.11	.51	.36	.83	.65	.56	.41	.64	2.52	1.10	2.52
61	.43	.32	.34	.39	.33	.06	.38	.86	.60	1.40	1.04	.83	1.40
62	.71	.47	.44	.29	1.36	.05	.97	.55	.82	.87	.50	.30	1.36
63	1.85	.18	.50	.66	.51	.18	1.68	.60	.60	1.33	.37	.79	1.85
64	.28	.65	.34	.03	.28	.89	.38	.91	1.78	.61	.72	.57	1.78
65	.23	.88	.65	.42	.47	.35	.54	.38	2.78	.43	.50	.33	2.78
66	.47	.39	.28	.47	.49	.24	1.12	.77	.92	.38	.39	.46	1.12
67	.37	.45	1.01	1.26	.20	.59	.84	.74	.57	.90	1.64	1.41	1.64
68	.88	.52	.35	.40	.48	.20	.34	.60	.48	4.90	.66	.23	4.90
69	.53	.28	.28	.25	1.28	.65	.46	1.88	.88	.45	.89	.45	1.88
70	.76	.87	.99	1.33	.44	1.14	.84	1.11	.99	1.22	.60	1.23	1.33
71	.43	.39	.18	.22	1.04	2.00	.59	.75	1.17	1.00	.99	.65	2.00
72	1.77	.53	.13	.88	.59	.57	.31	.88	.38	1.02	3.31	1.61	3.31
73	.45	.66	.67	.52	.16	.46	.43	.44	1.13	.78	.53	.89	1.13
74	.96	.74	.18	.36	.80	.23	.37	.71	.61	1.36	.58	.37	1.36
75	1.17	2.09	.78	.60	.36	.82	1.06	.32	.67	.68	.37	1.70	2.09
76	.28	.64	2.06	.51	.31	2.03	.35	.50	.30	1.65	.32	.62	2.06
77	.59	.62	1.72	1.16	.40	.24	.61	.64	.71	.93	2.07	.91	2.07
78	1.01	.52	.55	.90	.88	.33	1.25	.44	.61	2.17	1.68	2.44	2.44
79	.51	.16	.70	1.08	1.11	.71	.62	1.11	2.10	.84	1.67	.56	2.10
80	1.25	.49	.45	.23	1.00	.79	.65	.80	1.33	.45	.72	.73	1.33

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	.37	1.05	.33	.42	.89	.47	.40	.86	.43	2.74	.40	.77	2.74
82	1.63	.33	.65	.37	1.16	.55	1.15	.39	.65	.38	1.36	.36	1.63
83	.65	.24	.16	.83	.34	.37	.58	1.26	1.53	1.07	.83	1.40	1.53
84	.58	.90	.63	.32	.46	.31	.38	.47	.53	1.09	.91	.62	1.09
85	.42	.96	.44	.21	.53	.66	.54	1.97	2.11	2.57	1.15	1.02	2.57
86	.37	.52	.13	.33	.52	.31	1.77	.47	1.89	.77	.83	1.00	1.89
87	.96	.73	.45	.55	.40	.96	.55	.99	.91	.67	2.07	.68	2.07
88	.57	.52	.20	.27	.56	.46	.32	.46	1.85	.60	.52	.99	1.85
89	.36	.92	.28	.35	.83	.51	.51	.53	1.31	.95	.47	.79	1.31

GREATEST	1.85	2.09	2.06	1.76	2.13	2.03	1.77	2.17	2.96	4.90	3.31	2.44	4.90
TOTAL OBS	1269	1157	1269	1229	1271	1230	1240	1240	1200	1239	1200	1240	14784

THE GREATEST VALUE OF 4.90 OCCURRED ON 10/22/68

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: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	33.9	26.9	25.9	30.4	67.5	98.2	99.9	100.0	97.2	64.4	44.1	31.8	60.1
TRACE	25.9	28.4	30.6	35.8	21.3	1.5	.1		2.6	22.0	24.8	27.8	18.4
0.1-0.4	19.6	21.8	20.3	19.7	8.0	.2			.3	6.9	13.3	17.5	10.6
0.5-1.4	14.3	16.1	16.3	10.6	2.4	.1				5.0	14.0	16.1	7.9
1.5-2.4	4.3	3.7	4.5	2.5	.6					1.3	2.5	4.4	2.0
2.5-3.4	.6	1.4	1.1	.6	.3					.2	.7	1.8	.6
3.5-4.4	.5	.4	.8	.2							.3	.2	.2
4.5-6.4	.6	1.0	.2	.2							.2	.2	.2
6.5-10.4	.2	.2	.2								.1	.2	.1
10.5-15.4	.1									.1			.0
15.5-25.4											.1		.0
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	40.1	44.7	43.5	33.9	11.3	.3			.3	13.6	31.1	40.4	21.5
TOTAL NO. OF OBSERVATIONS	1258	1148	1261	1225	1261	1230	1240	1240	1200	1239	1200	1240	14742

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	5.2	22.2	17.9	6.0	3.0	.0	.0	.0	.0	TRACE	6.8	4.2	65.3
50	TRACE	1.8	6.2	4.6	.9	TRACE	.0	.0	.0	.6	2.3	5.4	21.8
51	11.9	3.5	7.5	1.2	TRACE	.0	.0	.0	TRACE	TRACE	3.8	11.3	39.2
52	9.4	10.9	21.5	13.4	.3	TRACE	.0	.0	.0	.5	5.4	13.4	74.8
53	4.7	4.3	8.4	4.7	TRACE	.0	.0	.0	.0	4.3	9.6	15.1	51.1
54	6.4	14.4	13.6	4.1	TRACE	.0							38.5*
55	6.2*	1.3*	2.0*	1.7*	TRACE*	TRACE	.0	.0	TRACE	2.1	.3	2.5	16.1*
56	4.2	3.7	13.4	14.2	2.7	TRACE	.0	.0	TRACE	2.9	4.0	.9	46.0
57	7.1	11.6	2.6	2.8	.2	.0	.0	.0	.0	TRACE	3.6	19.2	47.1
58	12.5	3.8	10.2	.6	2.6	.0	.0	.0	TRACE	1.7	8.4	7.3	47.1
59	6.7	10.8	7.6	14.7	1.4	.0	.0	.0	.0	TRACE	1.6	6.8	49.6
60	11.6	4.5	11.7	10.0	.8	.0	.0	.0	.0	2.9	16.3	20.1	77.9
61	11.1	13.4	13.6	6.0	TRACE	.0	.0	.0	TRACE	.7	3.5	4.9	53.2
62	3.1	3.6	4.6	2.9	.1	.1	.0	.0	.0	4.3	2.1	6.7	27.5
63	.9	1.6	2.8	3.8	.9	.0	.0	.0	.0	4.2	4.6	.5	19.3
64	6.1	8.3	7.3	1.1	1.2	.0	.0	.0	.0	3.4	16.2	9.1	52.7
65	16.4	23.4	1.6	3.2	5.3	.0	.0	.0	.1	7.7	9.7	9.7	77.1
66	9.3	8.8	14.0	1.4	.7	.0	.0	.0	.0	10.7	6.0	12.8	63.7
67	11.4	15.4	4.5	1.0	.0	.0	.0	.0	TRACE	4.5	4.8	12.2	53.8
68	6.8	10.3	7.8	5.1	2.1	.0	.0	.0	TRACE	15.6	6.7	7.8	62.2
69	10.1	21.0	13.4	6.2	4.8	.0	.0	.0	.0	2.2	4.5	7.2	69.4
70	9.4	8.6	10.6	6.8	6.8	.0	.0	.0	.0	1.0	3.3	8.8	55.3
71	19.9	10.5	3.9	6.1	9.3	.5	.0	.0	.0	TRACE	2.1	9.3	61.6
72	15.6	9.8	4.2	9.9	1.4	TRACE	.0	.0	.2	TRACE	4.0	14.6	59.7
73	10.6	11.5	9.8	10.1	3.5	TRACE	.0	.0	TRACE	3.9	2.4	13.0	64.8
74	6.5	17.1	5.9	4.5	1.8	.0	.0	.0	.0	.4	10.8	11.7	58.7
75	6.2	13.5	20.5	8.6	2.5	.0	.0	.0	.0	3.7	12.3	20.4	87.7
76	16.2	16.9	13.9	19.5	.8	.0	TRACE	.0	.0	6.9	10.4	24.2	108.8
77	4.8	7.5	27.0	7.1	3.6	.0	.0	.0	.0	9.4	15.0	4.8	79.2
78	14.4	13.9	16.4	3.5	.1	.0	.0	.0	TRACE	6.4	2.7	9.7	67.1
79	12.4	4.4	11.5	2.1	.3	.0	.0	.0	TRACE	.3	15.2	10.5	56.7
80	14.1	11.1	23.7	13.6	1.1	.0	.0	.0	TRACE	2.2	7.6	9.6	83.0

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	10.4	12.0	11.8	2.1	1.4	.0	.0	.0	TRACE	5.5	13.2	14.0	70.4
82	34.6	5.8	15.7	5.6	1.0	.0	.0	.0	TRACE	.4	3.3	17.6	84.0
83	14.2	10.7	9.1	5.7	TRACE	.0	.0	.0	TRACE	4.0	27.4	2.6	73.7
84	14.3	54.3	4.3	7.6	1.4	.0	.0	.0	.0	5.3	10.6	6.9	104.7
85	4.2	8.2	28.6	8.8	1.5	.4	.0	.0	TRACE	2.8	1.1	12.1	67.7
86	24.2	11.3	6.1	5.3	6.2	.0	.0	.0	.0	TRACE	7.6	7.2	67.9
87	12.4	10.5	20.3	7.6	1.0	TRACE	.0	.0	.1	.7	8.1	14.3	75.0
88	11.0	5.9	7.5	11.6	.1	.0	.0	.0	.0	.3	15.2	22.1	73.7
89	11.2	13.7	3.1	10.4	.3	.0	.0	.0	.0	.1	14.0	6.9	59.7
LEAST	TRACE	1.6	1.6	.6	.0	.0	.0	.0	.0	TRACE	.3	.5	19.3
GREATEST	34.6	54.3	28.6	19.5	9.3	.5	TRACE	.0	.2	15.6	27.4	24.2	108.8
MEAN	10.5	11.4	11.1	6.6	1.8	TRACE	TRACE	.0	TRACE	3.0	7.7	10.4	63.0
MEDIAN	10.5	10.6	10.0	5.9	1.1	.0	.0	.0	.0	2.2	6.4	9.7	63.7
SD	6.340	8.763	6.822	4.376	2.128	.099	.000	.000	.038	3.430	5.682	5.730	18.938
TOTAL OBS	1258	1148	1261	1225	1261	1230	1240	1240	1200	1239	1200	1240	14742

THE GREATEST VALUE OF 54.3 OCCURRED ON 02/84

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: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	1.1	5.7	7.1	1.9	2.0	.0	.0	.0	.0	TRACE	4.5	1.9	7.1
50	TRACE	1.0	2.3	1.6	.5	TRACE	.0	.0	.0	.6	2.2	2.0	2.3
51	2.4	1.0	1.6	.6	TRACE	.0	.0	.0	TRACE	TRACE	1.8	2.8	2.8
52	4.2	1.6	2.4	3.7	.3	TRACE	.0	.0	.0	.5	.9	1.4	4.2
53	1.9	1.0	1.1	.8	TRACE	.0	.0	.0	.0	1.1	3.0	4.2	4.2
54	1.6	3.7	3.5	1.2	TRACE	.0							3.7*
55	2.5*	.8*	1.0*	.8*	TRACE*	TRACE	.0	.0	TRACE	1.3	.2	1.2	2.5*
56	2.3	.9	4.7	4.6	1.2	TRACE	.0	.0	TRACE	1.1	1.0	.7	4.7
57	3.6	3.0	.7	.7	.2	.0	.0	.0	.0	TRACE	1.0	2.5	3.6
58	5.0	1.3	1.6	.6	1.7	.0	.0	.0	TRACE	1.1	1.6	1.5	5.0
59	2.0	4.9	1.1	4.5	.9	.0	.0	.0	.0	TRACE	1.0	2.8	4.9
60	5.8	1.4	4.8	4.1	.8	.0	.0	.0	.0	1.6	3.7	7.5	7.5
61	1.9	2.3	2.5	3.3	TRACE	.0	.0	.0	TRACE	.6	.5	1.5	3.3
62	.6	1.4	2.3	.9	.1	.1	.0	.0	.0	1.6	.7	3.0	3.0
63	.4	.6	.6	1.4	.6	.0	.0	.0	.0	1.5	.9	.4	1.5
64	1.8	1.4	3.0	.3	.8	.0	.0	.0	.0	1.1	8.6	3.2	8.6
65	2.7	5.9	.6	.9	1.5	.0	.0	.0	.1	1.9	1.9	2.8	5.9
66	3.0	1.5	2.3	.5	.4	.0	.0	.0	.0	2.7	2.2	2.3	3.0
67	2.4	3.1	2.1	.6	.0	.0	.0	.0	TRACE	1.1	1.6	1.8	3.1
68	2.1	2.0	2.2	1.4	1.0	.0	.0	.0	TRACE	11.4	1.4	1.4	11.4
69	2.8	2.8	1.9	1.8	2.7	.0	.0	.0	.0	1.2	1.2	1.6	2.8
70	4.6	1.7	2.5	1.4	2.0	.0	.0	.0	.0	.5	1.8	3.4	4.6
71	9.1	3.3	1.3	3.4	2.5	.5	.0	.0	.0	TRACE	1.0	2.5	9.1
72	2.3	3.1	1.4	1.9	.6	TRACE	.0	.0	.2	TRACE	1.0	3.1	3.1
73	4.3	3.0	2.2	5.2	1.2	TRACE	.0	.0	TRACE	1.7	.8	2.0	5.2
74	1.6	7.4	3.4	.5	1.1	.0	.0	.0	.0	.2	2.3	1.4	7.4
75	1.6	1.6	7.0	1.7	.8	.0	.0	.0	.0	2.5	3.9	7.0	7.0
76	3.5	2.7	3.9	4.4	.3	.0	TRACE	.0	.0	1.7	3.0	4.6	4.6
77	1.5	1.4	4.2	1.2	1.8	.0	.0	.0	.0	2.9	2.3	1.2	4.2
78	5.8	5.8	4.9	2.5	.1	.0	.0	.0	TRACE	1.6	1.0	1.8	5.8
79	6.3	1.4	2.2	1.4	.3	.0	.0	.0	TRACE	.2	2.1	1.9	6.3
80	4.7	1.7	4.3	2.4	.5	.0	.0	.0	TRACE	1.0	1.4	2.6	4.7

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	1.7	2.4	3.4	.8	1.3	.0	.0	.0	TRACE	1.9	3.0	1.9	3.4
82	12.2	1.4	2.4	1.0	.4	.0	.0	.0	TRACE	.4	1.3	2.7	12.2
83	3.2	2.8	4.2	2.4	TRACE	.0	.0	.0	TRACE	1.1	21.4	1.0	21.4
84	3.6	16.5	1.3	1.7	.5	.0	.0	.0	.0	1.9	4.4	2.1	16.5
85	2.2	2.3	4.4	2.0	.3	.3	.0	.0	TRACE	.7	.6	3.7	4.4
86	4.7	5.2	2.7	2.0	3.0	.0	.0	.0	.0	TRACE	2.4	3.2	5.2
87	1.7	4.5	7.4	1.6	.4	TRACE	.0	.0	.1	.6	2.2	3.1	7.4
88	2.1	.8	1.9	2.5	.1	.0	.0	.0	.0	.3	2.5	6.3	6.3
99	1.3	5.0	1.4	2.8	.3	.0	.0	.0	.0	.1	4.7	1.7	5.0

GREATEST	12.2	16.5	7.4	5.2	3.0	.5	TRACE	.0	.2	11.4	21.4	7.5	21.4

TOTAL OBS	1258	1148	1261	1225	1261	1230	1240	1240	1200	1239	1200	1240	14742

THE GREATEST VALUE OF 21.4 OCCURRED ON 11/14/83

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 5207-8912
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	19.7	15.2	22.0	41.6	86.0	99.6	100.0	100.0	99.8	79.2	49.5	24.1	61.9
TRACE	31.7	32.3	35.6	37.3	12.7	.4			.2	15.6	24.4	29.1	18.1
1	11.6	16.8	13.8	9.4	1.0					2.2	10.5	14.4	6.5
2	9.3	9.7	8.5	4.6	.3					1.0	5.6	10.1	4.0
3	7.8	8.3	7.0	2.5	.1					.7	3.2	6.2	2.9
4-6	11.6	9.8	7.9	3.8						1.0	3.7	8.5	3.8
7-12	6.7	7.1	4.7	.8						.3	3.2	7.1	2.4
13-24	1.5	.8	.6							.1		.5	.3
25-36		.1											.0
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	48.6	52.5	42.4	21.1	1.3					5.2	26.1	46.8	20.0
TOTAL NO. OF OBSERVATIONS	1116	1020	1118	1094	1146	1109	1147	1147	1110	1147	1110	1147	13411

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 5207-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
52							0	0	0	0	1	11	11*
53	12	3	10	3	TRACE	0	0	0	0	1	5	10	12
54	6	9	12	4	TRACE	0							12*
55	12*	0*	0*	TRACE*	TRACE	0	0	0	0	1	1	2	2*
56	7	9	8	7	1	0	0	0	0	TRACE	3	1	9
57	2	5	3	TRACE	TRACE	0	0	0	0	0	1	12	12
58	17	3	2	TRACE	TRACE	0	0	0	0	1	3	5	17
59	3	3	4	8	TRACE	0	0	0	0	TRACE	1	3	8
60	7	2	5	5	TRACE	0	0	0	0	TRACE	4	4	7
61	3	4	5	3	0	0	0	0	0	TRACE	1	2	5
62	5	2	1	1	TRACE	0	0	0	0	2	3	5	5
63	1	1	TRACE	TRACE	TRACE	0	0	0	0	2	3	TRACE	3
64	6	5	3	1	0	0	0	0	0	1	5	12	12
65	5	10	3	TRACE	1	0	0	0	TRACE	1	4	4	10
66	4	2	8	9	TRACE	0	0	0	0	7	7	9	9
67	10	5	1	TRACE	0	0	0	0	0	1	2	8	10
68	6	5	1	1	TRACE	0	0	0	0	13	3	7	13
69	4	10	9	1	TRACE	0	0	0	0	TRACE	2	3	10
70	7	9	3	2	2	0	0	0	0	TRACE	TRACE	3	9
71	11	4	4	2	3	TRACE	0	0	0	TRACE	1	2	11
72	5	5	1	3	TRACE	TRACE	0	0	TRACE	TRACE	2	5	5
73	7	6	4	5	1	0	0	0	0	2	2	6	7
74	4	11	4	1	0	0	0	0	0	TRACE	3	3	11
75	6	8	7	2	TRACE	0	0	0	0	TRACE	12	13	13
76	6	9	8	7	TRACE	0	0	0	0	6	7	18	18
77	4	4	15	2	1	0	0	0	0	3	7	3	15
78	8	10	8	3	TRACE	0	0	0	0	TRACE	2	2	10
79	5	2	3	TRACE	0	0	0	0	0	0	5	4	5
80	11	3	5	2	TRACE	0	0	0	0	TRACE	2	5	11
81	3	3	3	1	TRACE	0	0	0	0	2	7	8	8
82	19	4	2	3	TRACE	0	0	0	0	TRACE	1	4	19
83	8	3	6	1	0	0	0	0	0	2	10	2	10
84	6	29	23	2	TRACE	0	0	0	0	1	8	3	29
85	3	3	10	6	TRACE	TRACE	0	0	0	2	1	8	10

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 5207-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	20	23	5	1	2	0	0	0	0	0	7	3	23
87	6	8	10	4	TRACE	0	0	0	0	TRACE	2	7	10
88	3	4	4	10	TRACE	0	0	0	0	TRACE	7	12	12
89	4	12	1	3	TRACE	0	0	0	0	0	10	4	12

GREATEST	20	29	23	10	3	TRACE	0	0	TRACE	13	12	18	29
TOTAL OBS	1116	1020	1118	1094	1146	1109	1147	1147	1110	1147	1110	1147	13411

THE GREATEST VALUE OF 29 OCCURRED ON 02/29/84

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA

PERIOD OF RECORD: 5207-8912

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
52 - 53	OCT 15	OCT 21	NOV 02	MAY 27	APR 29	APR 30
53 - 54	OCT 03	OCT 03	OCT 31	MAY 22	APR 25	APR 17
54 - 55	JAN 03	JAN 03		JUN 03	APR 20	
55 - 56	SEP 30	OCT 08	OCT 12	JUN 02	MAY 15	MAY 01
56 - 57	SEP 20	OCT 03	NOV 02	MAY 21	MAY 01	MAR 25
57 - 58	OCT 31	NOV 12	NOV 26	MAY 18	MAY 09	MAR 30
58 - 59	SEP 29	OCT 19	OCT 20	MAY 19	MAY 15	APR 29
59 - 60	OCT 23	NOV 07	NOV 29	MAY 31	MAY 14	APR 23
60 - 61	OCT 04	OCT 21	NOV 12	MAY 22	APR 15	APR 15
61 - 62	SEP 17	OCT 23	NOV 16	JUN 06	JUN 05	APR 14
62 - 63	OCT 08	OCT 09	OCT 23	MAY 14	MAY 13	FEB 16
63 - 64	OCT 06	OCT 07	OCT 27	MAY 26	MAY 06	APR 28
64 - 65	OCT 14	OCT 17	OCT 28	MAY 15	MAY 12	MAY 08
65 - 66	SEP 28	SEP 30	OCT 01	MAY 25	MAY 23	APR 05
66 - 67	OCT 05	OCT 17	OCT 18	APR 23	APR 22	MAR 27
67 - 68	SEP 29	OCT 15	OCT 22	MAY 15	MAY 06	APR 13
68 - 69	SEP 10	OCT 20	OCT 22	MAY 07	MAY 05	APR 07
69 - 70	OCT 03	OCT 09	NOV 01	MAY 22	MAY 22	MAY 22
70 - 71	OCT 13	OCT 17	DEC 07	JUN 10	JUN 01	MAY 19
71 - 72	OCT 03	NOV 28	NOV 30	JUN 06	MAY 19	APR 23
72 - 73	SEP 29	SEP 30	NOV 23	JUN 16	MAY 25	MAY 08
73 - 74	SEP 26	OCT 13	OCT 14	MAY 16	MAY 10	APR 07
74 - 75	OCT 07	OCT 09	NOV 14	MAY 24	MAY 24	APR 26
75 - 76	OCT 02	OCT 17	NOV 01	JUL 04	MAY 14	APR 30
76 - 77	OCT 10	OCT 11	OCT 27	MAY 30	MAY 23	MAY 20
77 - 78	OCT 06	OCT 17	OCT 21	MAY 28	MAY 02	APR 03
78 - 79	SEP 18	OCT 12	NOV 06	MAY 11	MAY 06	MAR 15
79 - 80	SEP 26	OCT 21	NOV 16	MAY 29	MAY 17	APR 26
80 - 81	SEP 29	OCT 19	NOV 02	MAY 04	MAY 03	APR 03

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA

PERIOD OF RECORD: 5207-8912

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
81 - 82	SEP 28	OCT 16	OCT 29	MAY 24	MAY 23	APR 25
82 - 83	SEP 21	OCT 08	NOV 02	MAY 07	APR 20	APR 05
83 - 84	SEP 13	OCT 20	OCT 22	MAY 22	MAY 22	APR 13
84 - 85	OCT 06	OCT 09	OCT 22	JUN 14	JUN 02	APR 19
85 - 86	SEP 30	OCT 16	OCT 26	MAY 29	MAY 20	MAY 02
86 - 87	OCT 14	NOV 19	NOV 21	JUN 12	MAY 15	APR 20
87 - 88	SEP 25	SEP 30	NOV 05	MAY 16	MAY 12	APR 29
88 - 89	OCT 07	OCT 24	NOV 09	MAY 24	MAY 14	APR 16
89 - 90	OCT 04	OCT 04	NOV 13	DEC 31	DEC 30	DEC 31

MEDIAN DATE	OCT 03	OCT 16	NOV 01	MAY 24	MAY 13	APR 19

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

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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

PEAK WINDS--PERCENT OCCURRENCE FREQUENCY.

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

WIND DIRECTION VS WIND SPEED--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

CONVERSION: 1 KNOT = .514791 METERS PER SECOND

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-5212,5906-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
49	SE 56	SSE 72	SE 79	SE 45	S 66	SSE 50	SSE 56	SSE 50	SSE 68	SE 68	ESE 61	NW 60	SE 79
50	WSW 66	ENE 36	SSE 54	S 67	S 59	SE 45	SE 50	*	SE 62	SSE 53	ENE*40	SSE 59	S *67
51	ESE 65	SSW 83	WSW 70	SSE 64	SSE 64	SSE 54	SE 52	SSE 53	SSE 43	SE 64	SSE 60	SSW 76	SSW 83
52	SSE 76	SE 80	WSW 90	ESE 62	SSE 67	SE 65	ESE 64	SE 67	SSE 52	SE 78	WSW 62	SSE*55	WSW*90
59						SSE 68	SW 40	SE 54	ESE 51	ESE 52	ESE 46	E 50	SSE*68
60	ESE 55	SSE 62	N 44	SE 49	ESE 44	SSE 38	S 34	SE 46	SSW*40	WSW 60	SE 67	SE 74	SE *74
61	E 72	S 46	SE 73	SE *55	SE 45	SE 45	SE 41	SE 47	SSE 40	S *66	S 65	SE 56	SE *73
62	SE 63	SE 65	W 54	NW 40	SE 53	S 44	S 49	SE 50	SE 55	SE 48	NW 47	SE 51	SE 65
63	SE 62	E 40	W 57	S 47	S 50	SE 48	W 46	SE 53	SE 54	W 52	N 44	SE 74	SE 74
64	SE 51	S 67	SE 59	S 63	W 55	SE 46	SE 49	SE 56	SE 55	SW 70	E 73	NW 42	E 73
65	NE 58	SW 78	S 69	SE 69	SE 49	S 54	S 53	SE 56	SE 68	SE 56	S 70	W 70	SW 78
66	SE 56	W 74	NW 50	S 57	SSE 60	E 50	S 59	SE 60	SE 59	NW 50	S 61	SE 71	W 74
67	SE 67	SE 80	SW 65	S 62	N 43	S 46	W 44	SE 48	SE 51	SE 56	SW 66	W 67	SE 80
68	S 65	SE 66	SE 65	S 48	SE 54	SE 34	S 42	SE 54	NW 41	S 52	SE 60	S 63	SE 66
69	SE 60	NW 62	SE 62	SE 55	SE 60	SE 53	SE 37	W 45	SE 62	W 39	SW 56	SE 39	NW 62
70	SE 56	S 60	SE 51	SW 73	E 43	SE 58	SE 52	W 51	SW 61	NW 50	S 48	SE 58	SW 73
71	SE 49	SE 56	SE 67	SW 51	SSE 44	SSE 52	SSE 48	S 46	SSE 53	W 56	SSE 64	SE 60	SE 67
72	SE 55	SE 58	S 58	W 58	SSE 54	SSE 55	SSE 63	SE 51	S 51	S 58	SSE 70	SE 55	SSE 70
73	W 56	S 60	SE 52	S 50	SSE 57	ESE 54	SE 62	SSE 58	SE 56	W 49	SSW 66	SE 76	SE 76
74	SE 69	ESE 54	SW 60	SE 54	SSE 47	SSE 33	SE 56	SSE 60	ESE 44	SSE 50	SSE 68	SE 50	SE 69
75	ESE 62	SSE 60	ESE 59	W 60	W 42	SSE 58	SSE 49	SW 35	SE 50	N *44	W 46	SE 65	SE *65
76	E 54	SE 52	SE 48	SE 54	S 49	S 54	SE 48	SE 48	W 43	SE 51	NE 42	SE 55	SE 55
77	SE 73	SW 60	S 72	SE 45	S 62	SE 41	SE 41	SE 52	W 46	NW 61	SE 63	S 58	SE 73
78	SE 49	SE 55	E 65	SE 51	SE 45	S 59	SE 49	W 50	SE 49	SW 78	SE 65	W 61	SW 78
79	W 71	SE 51	S 55	SE 61	SE 53	S 47	S 46	SE 43	S 53	E 54	SW 63	S 55	W 71
80	S 53	SE 47	S 60	W 54	SE 55	SE 55	SE 48	SW 61	SE 54	SE 49	SE 50	E 51	SW 61
81	E 58	SE 55	E 53	SE 45	SE 45	E 33	SE 49	SE 44	NW 40	SE 60	W 60	SE 63	SE 63
82	SE 55	SE 51	SW 60	SE 56	SE 55	SE 52	S 55	SE 42	S 45	N 51	SE 65	SE 63	SE 65
83	SE 47	SE 57	SE 51	SE *63	SE *42	*	*	*	*	S *51	SE 65	SE 64	SE *65
84	SE 60	SE 55	S 43	SE 48	SE 43	SE 49	SE 35	SE 50	SE 48	SE 52	SE 52	W 58	SE 60
85	S *43	SE *47	S *59	NW 51	SE 62	SE 45	SE 48	SE 70	W 65	SW 55	W 65	SE 55	SE *70

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-5212,5906-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	SE 51	E 56	E 60	SE 59	SE 42	S 45	SE 48	SE 53	SE 57	NW 45	SE 65	SE 62	SE 65
87	SE 74	SE 56	E 66	SE 67	SE 43	S 56	SE 49	SE 55	SE 61	SW 53	S 58	SE 62	SE 74
88	SE 59	NE 52	NE 51	S 47	SE 60	SE 47	SE 38	S 47	S 83	SE 48	NW 54	SW 68	S 83
89	S 72	SE 72	N 50	SE 60	S 47	SE 41	SE 44	SE 41	SE 53	SE 48	N 49	E 54	S 72

GREATEST	SSE 76	SSW 83	WSW 90	SW 73	SSE 67	SSE 68	ESE 64	SE 70	S 83	SE 78	E 73	SSW 76	WSW 90
TOTAL OBS	1019	930	1047	1006	1019	1018	1049	1016	1012	1045	1018	1078	12257

THE PEAK WIND OF 90 FROM WSW OCCURRED ON 03/10/52

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-5212,5906-8912
MONT: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS										GE 65	MEAN	MEDIAN	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64		WIND	WIND	
JAN	.0	.4	4.1	9.2	11.9	12.5	15.2	15.3	20.0	9.9	1.5	33.8	33.0	1019
FEB	.0	.4	2.8	9.0	13.1	15.2	15.9	14.0	17.7	9.2	2.6	33.8	32.0	930
MAR	.0	.4	3.7	7.9	15.0	15.9	17.0	13.0	17.0	8.6	1.5	32.9	32.0	1047
APR	.1	.1	2.2	8.9	16.5	20.6	15.5	12.1	15.8	7.8	.4	31.9	30.0	1006
MAY	.0	.3	2.5	14.5	21.4	22.6	14.7	9.1	11.6	3.1	.2	28.7	27.0	1019
JUN	.0	.0	4.1	18.4	22.9	19.4	13.9	9.1	8.5	3.2	.3	27.4	26.0	1018
JUL	.0	.1	5.8	16.9	20.7	20.2	14.7	9.2	10.1	2.4	.0	27.4	26.0	1049
AUG	.0	.1	4.5	13.9	16.0	18.3	17.0	12.0	13.7	4.1	.3	29.7	29.0	1016
SEP	.0	.0	2.8	9.7	20.6	21.7	17.0	11.8	11.7	4.3	.5	29.9	28.0	1012
OCT	.0	.6	1.7	7.1	13.7	19.4	16.6	15.4	18.8	6.3	.5	32.6	31.0	1045
NOV	.0	.6	3.3	6.7	10.3	16.3	16.4	13.7	19.9	10.8	2.0	34.5	33.0	1018
DEC	.1	.8	3.2	7.6	11.1	16.2	16.2	13.2	18.6	11.7	1.1	34.1	33.0	1078
ANNUAL	.0	.3	3.4	10.8	16.1	18.2	15.9	12.3	15.3	6.8	.9	31.4	30.0	12257

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.7	3.1	3.9	2.4	1.6	.1					13.3	16.1	16.0
020-040	.3	.9	.7	1.1	1.4	1.2	.8					6.3	18.8	20.0
050-070	.5	.2	.3	.2	.1							1.4	9.2	9.0
(E) 080-100		.3	.1		1.1	.1	.2					1.8	20.1	23.0
110-130	.1	2.8	2.2	1.4	2.7	1.4	.7		.1			11.4	16.8	16.0
140-160	.5	1.7	3.6	3.9	3.0	3.6	1.5	.3	.4	.1		18.7	19.7	19.0
(S) 170-190	1.1	3.3	.4	.9	.5	.5	.2	.3				7.3	12.3	8.0
200-220	.9	1.6	.1	.2			.1					2.9	7.5	6.0
230-250	1.0	1.8	2.5	1.6	.7	.3						7.9	11.9	11.0
(W) 260-280	.4	2.9	1.3	.5	.3							5.5	9.6	8.0
290-310	1.2	4.6	2.1	.3	.5	.3	.1	.2				9.3	10.2	8.0
320-340	.7	2.8	1.8	2.1	2.0	1.7	.7	.1				11.8	16.3	16.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	7.1	24.6	18.2	16.1	14.7	10.7	4.4	.9	.5	.1		100.0	14.9	14.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.6	2.2	3.9	2.6	1.6	.9					13.1	17.4	18.0
020-040	.2	1.4	.8	.9	1.6	1.2	.2	.1				6.4	17.5	19.0
050-070	.5	1.0	.2	.2	.2	.1						2.3	9.6	7.0
(E) 080-100	.2	.7	.4	.9	1.1	.3	.1					3.7	16.6	18.0
110-130	.4	3.0	2.4	2.3	1.8	.5	.8	.1				11.4	15.1	14.0
140-160	.3	2.7	3.6	3.1	3.9	1.7	1.5	.4	1.2	.1		18.7	19.8	18.5
(S) 170-190	.5	2.3	1.1	.3	1.2	.4	.1					6.0	12.7	10.0
200-220	.3	1.6	.4	.1	.1							2.6	8.4	7.0
230-250	1.1	1.5	1.8	1.4	1.1							6.9	11.8	12.0
(W) 260-280	.4	2.1	1.7	.8	.3	.1						5.4	10.7	10.0
290-310	.8	4.3	1.2	1.0	.4	.8	.2	.1				8.8	11.8	9.0
320-340	.4	3.1	2.2	2.1	2.0	2.1	.4	.1				12.4	16.1	15.0
VARIABLE														
CALM	////////////////////											2.4	////////	
TOTALS	5.4	25.3	18.0	17.0	16.3	8.8	4.2	.8	1.2	.1		100.0	15.1	14.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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			
(N) 350-010	.3	2.8	3.0	2.7	3.7	1.5	.1	.1			14.3	16.1	17.0
020-040	.4	1.3	1.0	.8	1.5	1.5	1.0	.1			7.6	18.7	20.0
050-070	.3	.8	.4	.8	.2	.2					2.7	12.6	14.0
(E) 080-100	.1	1.0	.3	1.0	.8	.2	.1				3.5	15.0	15.5
110-130	.2	1.7	2.1	1.6	1.4	2.0	.7	.1	.1		9.9	17.7	17.0
140-160	.2	2.5	3.7	4.2	3.6	2.0	.9	.9	.9	.1	18.9	19.3	18.0
(S) 170-190	.8	1.6	1.2	.7	.9	.7	.3	.1	.1		6.3	14.4	11.0
200-220	.7	.9	.3								1.8	6.4	5.0
230-250	.8	1.5	1.8	1.4	.4						6.0	11.5	11.0
(W) 260-280	.5	1.4	1.8	.7	.2	.1	.2				5.0	11.5	10.5
290-310	.9	5.1	2.2	.9	.9	.3	.3	.2			10.7	11.5	9.0
320-340	.5	1.5	2.6	2.4	1.4	1.7	.7				10.9	16.5	16.5
VARIABLE													
CALM	////////////////////////////////////										2.4	////////////////////////////////	
TOTALS	5.7	22.1	20.4	17.2	15.0	10.2	4.3	1.5	1.1	.1	100.0	15.3	15.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.4	3.4	2.9	2.6	1.4	.7					12.9	17.0	17.0
020-040	.3	.4	1.7	1.2	1.7	1.0	.9					7.3	18.6	18.0
050-070	.3	.3	.2	.9	.1	.2						2.1	13.7	15.0
(E) 080-100	.1	.2	.2	.7	.9	.4	.1					2.6	19.3	20.0
110-130	.7	2.2	3.3	2.1	1.6	1.2	1.0	.2				12.2	16.3	14.5
140-160	.3	2.0	3.5	4.0	2.9	2.3	1.3	1.6		.3		18.3	20.0	18.5
(S) 170-190	.3	2.8	1.0	1.1	.2	.2	.2	.1	.2	.1		6.3	13.7	9.5
200-220		1.1	.5	.1	.1	.1	.1					2.1	11.6	8.0
230-250	.9	2.3	2.3	.4	.5	.1						6.6	10.3	10.0
(W) 260-280	1.1	1.6	1.1	.7	.2	.2						4.9	10.1	8.0
290-310	1.1	4.4	3.3	1.3	.1	.2	.4					10.8	10.3	9.0
320-340	.3	2.5	2.6	2.2	2.9	1.3	.8					12.7	16.6	16.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////////////////////////////	
TOTALS	5.8	21.2	23.1	17.6	13.8	8.6	5.5	1.9	.2	.4		100.0	15.5	14.0
TOTAL NUMBER OF OBSERVATIONS 916														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.7	1.6	4.6	2.9	3.4	1.2						14.3	15.6	15.0
020-040	.4	.4	1.5	1.8	1.2	2.1	.5	.1				8.2	19.2	18.0
050-070	.8	.7	.9	.1	.5							2.9	10.7	10.0
(E) 080-100	.7	.3	.4	1.3	.3	.1						3.2	13.2	15.0
110-130	1.1	1.5	2.3	2.6	2.1	.7	.8	.4				11.4	16.5	16.0
140-160	.4	1.2	1.1	3.6	2.8	3.2	2.1	1.5	.4	.2		16.5	23.1	24.0
(S) 170-190	.3	2.4	1.4	1.5	.7	.3	.1	.1	.4			7.3	14.7	12.0
200-220	.1	1.2	.3	.3	.1							2.1	9.0	7.0
230-250	.4	1.6	2.3	.8	.7	.1						5.9	11.8	11.0
(W) 260-280	.8	2.0	2.2	.8	.2	.2						6.1	10.4	10.0
290-310	1.4	3.8	2.2	.8		.1	.3					8.6	9.5	8.0
320-340	.4	2.3	2.6	1.5	2.4	1.8	.7					11.7	16.9	16.0
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	7.5	19.0	21.8	18.0	14.4	9.8	4.5	2.1	.8	.2		100.0	15.6	15.0
TOTAL NUMBER OF OBSERVATIONS 920														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.5	2.0	3.8	3.5	4.1	1.0	.3					15.2	16.2	17.0
020-040	.3	1.3	1.1	2.4	1.0	1.3	.3	.1				7.8	17.2	17.0
050-070	.2	1.1	.3	.3	.1	.1	.1					2.3	10.7	8.0
(E) 080-100	.1	.4	.4	.8	1.1	.3	.1		.1			3.4	18.8	19.0
110-130	.5	.5	2.1	2.1	1.3	1.5	1.3	.2	.3			9.9	19.7	18.0
140-160	.3	1.7	3.4	3.9	3.8	3.5	1.6	.4	.5			19.3	20.1	20.0
(S) 170-190	.3	2.1	1.1	1.2	.2	.5		.2	.1			5.8	14.2	13.0
200-220	.7	1.7	.2	.3	.1							3.0	7.4	6.0
230-250	.7	1.3	1.3	1.1	.4	.1						4.9	11.8	10.0
(W) 260-280	.5	2.4	1.5	.8	.4		.1					5.8	10.8	9.0
290-310	.9	4.0	2.0	.5	.5	.7	.2					8.8	11.3	9.0
320-340	.1	1.4	2.4	2.7	2.3	1.2	.8	.2				11.1	17.8	16.5
VARIABLE														
CALM	////////////////////											2.7	////////	
TOTALS	5.1	19.4	19.6	19.6	15.3	10.2	4.8	1.1	1.0			100.0	15.7	15.0
TOTAL NUMBER OF OBSERVATIONS 919														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.8	1.4	3.6	4.2	2.8	1.1	.3					14.1	15.9	15.0
020-040	.3	1.3	1.9	1.0	1.3	.9	.6					7.3	16.6	15.5
050-070	.4	.5	.2	.1	.3	.2	.2					2.0	13.9	10.0
(E) 080-100	.3	.8	.2	.6	.2	.3	.1	.1				2.7	15.2	15.0
110-130	.2	3.0	1.7	2.5	2.5	.4	1.1	.4	.2			12.1	17.3	16.0
140-160	.5	1.9	4.2	3.9	3.6	2.2	1.3	.8	.5			18.9	18.9	18.0
(S) 170-190	.4	1.9	1.3	1.2	1.1	.3						6.3	12.9	13.0
200-220	.9	.6	.5	.4	.3	.1						2.9	10.6	9.0
230-250	.8	1.9	1.3	.9	.4	.1						5.4	10.5	9.5
(W) 260-280	.9	1.1	1.0	.6	.3			.2	.1			4.2	12.4	10.0
290-310	1.4	4.5	2.3	.8	.8	.8						10.5	10.6	9.0
320-340	.5	1.3	3.9	1.7	1.9	1.9	.5	.1				12.0	16.8	15.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	7.4	20.2	22.1	17.9	15.5	8.3	4.1	1.6	.8			100.0	15.1	14.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.0	2.5	2.7	3.8	2.9	1.3	.3					14.5	15.6	16.0
020-040	.3	1.7	1.0	1.2	1.4	.8	.5					6.9	16.3	16.5
050-070	.3	.5	.4	.4	.2			.1				2.1	12.6	11.0
(E) 080-100	.2	1.0	.3	.3	.5	.2	.1					2.7	13.6	12.0
110-130	.2	1.7	2.3	2.7	1.8	.9	.4	.7	.3			11.1	18.4	17.0
140-160	.5	1.3	2.9	4.1	3.6	2.4	2.1	.9	.3			18.1	20.4	20.0
(S) 170-190	1.1	2.3	1.2	.8	1.1	.1						6.5	11.0	9.0
200-220	.8	1.2	.2	.4	.2							2.8	9.0	6.0
230-250	.7	2.2	1.8	1.0	.3	.1	.2					6.3	11.5	10.0
(W) 260-280	1.2	1.8	1.8	.5	.1	.1		.1	.1			5.9	9.9	8.5
290-310	.5	5.2	2.1	.9	.8	.4	.1	.1				10.1	11.0	9.0
320-340	.4	2.7	2.0	1.3	2.6	1.5	.8					11.3	16.7	16.5
VARIABLE														
CALM	////////////////////											1.8	////////	
TOTALS	7.2	24.1	18.7	17.4	15.5	7.8	4.5	1.9	.7			100.0	15.0	14.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.6	1.9	3.3	3.5	3.1	1.3	.3	.0				14.0	16.2	16.0
020-040		.3	1.1	1.2	1.3	1.4	1.2	.5	.1				7.2	17.9	18.0
050-070		.4	.6	.4	.4	.2	.1	.0	.0				2.2	11.7	10.0
(E) 080-100		.2	.6	.3	.7	.7	.3	.1	.0	.0			2.9	16.3	17.0
110-130		.4	2.1	2.3	2.2	1.9	1.1	.8	.3	.1			11.2	17.2	16.0
140-160		.4	1.9	3.2	3.9	3.4	2.6	1.5	.9	.5	.1		18.4	20.1	19.0
(S) 170-190		.6	2.3	1.1	.9	.7	.4	.1	.1	.1	.0		6.5	13.2	10.0
200-220		.5	1.2	.3	.2	.1	.0	.0					2.5	8.7	7.0
230-250		.8	1.8	1.9	1.1	.6	.1	.0					6.2	11.4	10.0
(W) 260-280		.7	1.9	1.6	.7	.3	.1	.0	.0	.0			5.3	10.6	10.0
290-310		1.0	4.5	2.1	.8	.5	.4	.2	.1				9.7	10.8	9.0
320-340		.4	2.2	2.5	2.0	2.2	1.7	.7	.1				11.7	16.7	16.0
VARIABLE															
CALM		////////////////////////////////////										2.0	////////////////////////////////		
TOTALS		6.3	22.1	20.2	17.7	15.1	9.3	4.3	1.6	.7	.1		100.0	15.3	15.0

TOTAL NUMBER OF OBSERVATIONS 7371

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 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	2.0	2.6	3.6	4.8	2.3	.1					15.8	17.6	18.0
020-040	.3	.7	.9	.7	.9	1.1						4.5	16.8	17.0
050-070	.2	.2	.4	.5	.2	.3	.1					1.8	15.4	15.0
(E) 080-100	.1	.6	.2	.4	.6	.3	.1					2.3	16.7	18.0
110-130	.2	1.1	1.5	1.1	2.4	1.3	1.1	.3				9.1	19.7	20.0
140-160	.1	.7	1.5	3.1	5.5	4.8	3.1	2.3	1.8	.3		23.3	25.8	25.0
(S) 170-190	.1	.4	.7	.5	.2	.4	.1	.1	.1	.1		2.7	18.9	17.0
200-220	.1	.5	.1									.7	6.3	5.0
230-250	.3	.6	1.5	.9	.9	.3	.1					4.7	15.4	14.0
(W) 260-280	.2	1.7	1.7	.7	.7	.2	.1	.2	.1			5.7	14.5	11.0
290-310	.6	5.7	3.1	1.1	.4	.5	.1					11.5	10.6	9.0
320-340	.1	2.3	5.0	1.9	3.8	3.1	.7	.2				17.0	17.7	17.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	2.7	16.5	19.2	14.5	20.4	14.6	5.6	3.1	2.0	.4		100.0	18.3	18.0

TOTAL NUMBER OF OBSERVATIONS 1502

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	.7	4.4	3.6	4.0	1.1	.4					14.5	17.0	17.0
020-040	.1	1.4	1.2	1.2	1.4	.2		.1				5.7	15.0	15.0
050-070	.5	.7	.2	.2								1.7	7.9	6.5
(E) 080-100	.2	.5	.5	.6	.7	.4	.2	.1				3.2	18.2	19.0
110-130	.7	1.4	2.4	2.1	3.8	1.8	1.1	.6	.1			14.0	19.1	20.0
140-160	.2	1.9	3.9	4.0	4.1	2.1	1.5	.2	.7	.5		19.3	20.2	19.0
(S) 170-190	.5	1.8	.9	.6	1.2	.4	.4	.1				5.8	14.9	13.0
200-220	.8	.9	.2	.1	.2	.1	.1					2.6	10.4	8.0
230-250	.4	1.1	.5	.2	.2							2.4	10.2	7.5
(W) 260-280	.8	1.5	1.7	.5	.2	.2	.1					5.1	10.8	10.0
290-310	.7	3.6	2.0	.8	.2	.4						7.7	10.4	9.0
320-340	.1	2.1	5.3	3.8	2.7	1.2	.1					15.4	15.4	15.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	5.4	17.6	23.2	17.7	18.7	7.9	3.9	1.1	.8	.5		100.0	15.7	15.0

TOTAL NUMBER OF OBSERVATIONS 844

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.4	4.3	3.1	2.5	1.9	.6					13.8	17.0	16.0
020-040	.5	1.4	1.1	1.3	1.5	.8						6.6	15.3	15.0
050-070	.2	.4	.2		.2							1.1	11.3	9.0
(E) 080-100	.5	.4	.5	.2	.5	.5	.1					2.6	15.7	16.0
110-130	.1	2.6	2.1	2.4	3.8	2.6	.9	.7	.4			15.6	19.3	20.0
140-160	.5	2.7	3.1	4.0	2.5	2.7	.6	.8	.8	.1		17.9	19.2	18.0
(S) 170-190	.5	2.4	1.7	.6	.8	.1	.5	.1				6.6	13.3	11.0
200-220	1.1	.7	.2	.1	.1							2.2	6.9	5.0
230-250	.8	.9	.5	.5	.4	.5		.1				3.7	12.9	10.0
(W) 260-280	.7	1.8	.7	.5	.1	.1		.1				4.0	9.9	9.0
290-310	.2	3.3	1.9	1.1	.8	.1						7.5	11.2	10.0
320-340	.1	2.1	4.4	4.4	2.6	1.3						14.9	15.8	16.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	5.3	20.1	20.7	18.2	15.8	10.6	2.7	1.8	1.2	.1		100.0	15.4	15.0

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: 703160

STATION NAME: COLD BAY, 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	.5	1.4	3.7	3.9	3.2	2.1	.7					15.5	17.4	17.0
020-040	.5	1.1	.9	1.3	1.5	.4						5.7	14.9	16.0
050-070	.1	.4	.2	.1	.1							.9	11.0	10.5
(E) 080-100	.1	.6	.4	.2	.6	.4	.4	.4				3.0	20.3	22.0
110-130	.6	2.3	1.9	2.4	2.8	1.7	1.2	.9	.6			14.4	20.0	20.0
140-160	.7	2.0	3.9	3.8	3.1	2.0	1.9	.9	.8			19.2	19.6	18.0
(S) 170-190	1.1	2.1	.7	1.2	1.3	.6	.1					7.1	13.2	13.0
200-220	.4	.7										1.1	4.7	5.0
230-250	.1	.8	.5	.4	.9	.2	.1					3.1	15.2	16.5
(W) 260-280	.5	2.0	1.2	.4	.1							4.2	8.8	7.0
290-310	.8	3.1	2.3	.8	.5	.1						7.6	10.0	9.0
320-340	.4	2.4	3.8	5.9	1.9	1.1	.1					15.5	15.2	16.0
VARIABLE														
CALM	////////////////////////////////////											2.7	////////////////////////////////	
TOTALS	5.8	18.9	19.5	20.4	16.0	8.6	4.5	2.2	1.4			100.0	15.8	16.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.9	4.4	2.7	3.4	2.2	.2					15.0	16.8	16.0
020-040	.2	.9	1.3	2.0	1.3	.1						5.9	15.4	16.0
050-070	.6	1.2	.2	.2	.4	.1	.1	.1				3.0	11.6	7.0
(E) 080-100	.1	.6	1.1	.1	.2		.4					2.5	13.9	11.0
110-130	.2	2.0	2.0	2.5	3.8	1.8	.7	.7	.5	.1		14.3	19.6	20.0
140-160	.4	2.8	2.8	3.1	4.7	3.2	1.5	.6	.6	.4		20.1	20.4	20.0
(S) 170-190	.4	1.5	1.5	1.2	.6	.4						5.6	13.1	11.0
200-220	.5	.6	.2	.1			.1					1.5	9.1	7.0
230-250	1.1	1.9	.2	.2	.6							4.0	8.7	6.5
(W) 260-280	1.1	1.2	.8	.2	.2	.1		.1				3.8	9.9	7.0
290-310	.5	5.2	1.8	1.1	.2	.4						9.1	9.7	8.0
320-340	.1	2.1	3.4	3.9	2.8	1.4						13.8	16.0	15.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	5.3	21.9	19.7	17.3	18.2	9.7	5.0	1.5	1.1	.5		100.0	15.7	15.0
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: 703160

STATION NAME: COLD BAY, 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	.5	2.3	3.3	5.4	3.3	2.2	.4					17.3	16.6	16.0
020040	1.2	1.2	1.8	1.4	1.1	.2						6.9	12.5	11.5
050-070	.2	.8	.6	.1								1.8	8.3	7.0
(E) 080-100	.6	1.2	1.1	.2	.6		.4					4.1	12.6	10.0
110-130	.2	1.8	1.7	2.0	3.5	1.9	.6	.2	.4			12.3	19.2	20.0
140-160	.5	1.3	3.1	5.9	5.1	3.9	1.6	1.4	1.1	.1		24.0	21.8	20.0
(S) 170-190	.6	.6	1.1	.4	1.1	.2	.1	.1				4.2	14.8	13.0
200-220		.4	.4									.7	8.7	8.0
230-250	.1	.5	.7	.1	.4							1.8	11.9	12.0
(W) 260-280	.6	1.0	1.3	.6	.1							3.6	10.4	10.5
290-310	.4	2.3	2.3	1.2	.8							6.9	11.5	11.0
320-340	.2	2.4	3.7	4.1	2.6	1.6	.1	.1				14.8	16.0	16.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	5.1	15.8	21.1	21.4	18.6	10.0	3.2	1.8	1.5	.1		100.0	16.4	16.0
TOTAL NUMBER OF OBSERVATIONS 837														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COL BAY, 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	.4	2.6	5.8	5.1	3.6	2.5	.5					20.4	16.3	16.0
020-040	.5	1.1	1.1	.9	1.2	.4						5.1	14.6	14.0
050-070	.4	.9	.4									1.7	6.7	6.0
(E) 080-100	.4	.4	.9	.5	.8	.1						3.1	14.0	13.0
110-130	.2	1.4	1.8	3.7	3.4	1.3	1.1	.6				13.5	19.0	19.0
140-160		1.2	2.8	4.9	5.8	2.7	1.7	.5	.9	.1		20.6	21.5	20.0
(S) 170-190	.2	1.3	.8	1.2	.7	.4	.2					4.9	15.1	15.0
200-220	.2	.8	.4	.2	.1	.1						1.9	10.5	8.5
230-250	.5	1.1	.1	.2	.2							2.1	9.8	8.5
(W) 260-280	.2	1.1	.7	.2	.4		.1					2.7	12.0	10.0
290-310	.7	2.1	2.6	1.2	1.2	.1						7.9	12.2	11.0
320-340		1.5	3.6	4.6	3.4	1.2	.1	.2				14.7	16.9	17.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	3.7	15.5	21.0	22.7	20.8	8.8	3.7	1.3	.9	.1		100.0	16.6	16.0
TOTAL NUMBER OF OBSERVATIONS 843														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	3.2	4.3	4.6	3.3	1.5	.2					17.5	15.6	16.0
020-040		.8	1.2	1.0	.6	.4	.1					4.1	15.7	14.5
050-070	.1	.6		.5								1.2	10.2	8.0
(E) 080-100	.4	.4	1.1	.6	.5		.1					3.0	13.4	13.0
110-130	.4	2.6	3.6	2.7	2.1	1.5	.6	.2	.4			14.2	16.9	16.0
140-160		1.8	3.3	4.2	5.5	3.5	.6	.8	1.0	.1		20.7	20.6	20.0
(S) 170-190	.8	1.0	.8	.2	.2	.4	.2	.1				3.8	13.3	11.0
200-220	.2	.8	.2		.1			.1				1.5	10.1	7.0
230-250	.1	.4	.8	.6	.4	.1						2.4	13.8	12.0
(W) 260-280	.5	1.5	1.0	.4	.1							3.5	9.7	9.0
290-310	.8	3.3	1.9	.7	.4	.5						7.6	10.6	8.5
320-340	.4	4.4	4.1	5.1	3.1	1.4	.1	.2				18.8	15.4	15.0
VARIABLE														
CALM	////////////////////											1.7	////////	
TOTALS	3.9	20.8	22.3	20.6	16.3	9.3	1.9	1.4	1.4	.1		100.0	15.6	15.0

TOTAL NUMBER OF OBSERVATIONS 839

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	2.4	3.4	5.4	3.6	1.1	.4					16.5	16.2	16.0
020-040	.1	.7	1.2	.8	.7	.6	.1					4.3	16.1	15.0
050-070	.2	1.0	.2	.4	.4							.1	10.8	7.5
(E) 080-100	.2	.5	.5	.4	.8	.6	.1					3.1	17.2	19.0
110-130	.4	1.8	3.2	3.2	2.9	1.4	.8	.4				14.0	17.5	16.0
140-160	.2	1.5	3.6	4.0	3.8	2.5	.5	1.0	.7	.4		18.2	20.5	19.0
(S) 170-190	.2	2.1	.6	.8	1.0	.5	.5	.2	.1			6.1	16.0	15.0
200-220	.2	1.1	.1	.1								1.5	7.1	5.0
230-250	.6	1.0	1.0	.5	.1	.1						3.2	10.1	10.0
(W) 260-280	.2	1.3	1.4	.5	.4	.1						3.9	11.4	10.0
290-310	.4	3.2	2.7	.7	.5	.2	.1					8.9	10.1	9.0
320-340	.5	3.3	5.1	2.7	3.7	.8	.2					16.4	14.7	14.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	4.6	19.9	23.0	19.5	17.9	7.9	2.7	1.6	.8	.4		100.0	15.5	15.0
TOTAL NUMBER OF OBSERVATIONS 841														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	2.0	4.2	4.2	3.4	1.8	.4					16.3	16.6	16.0
020-040	.4	1.1	1.2	1.2	1.2	.4	.0	.0				5.5	14.8	15.0
050-070	.3	.7	.3	.2	.1	.0	.0	.0				1.7	9.8	8.0
(E) 080-100	.3	.5	.7	.4	.6	.2	.2	.1				3.1	15.6	14.0
110-130	.4	2.0	2.3	2.6	3.3	1.8	.9	.5	.3	.0		14.0	18.8	19.0
140-160	.3	1.9	3.3	4.2	4.3	2.8	1.2	.8	.8	.2		20.0	20.5	20.0
(S) 170-190	.5	1.6	1.0	.8	.9	.4	.3	.1	.0			5.5	14.2	13.0
200-220	.4	.8	.2	.1	.1	.0	.0	.0				1.6	8.7	6.0
230-250	.5	.9	.5	.3	.4	.1	.0	.0				2.8	11.5	10.0
(W) 260-280	.6	1.4	1.1	.4	.2	.1	.0	.0				3.8	10.3	9.0
290-310	.7	3.3	2.2	.9	.6	.2	.0					7.9	10.7	9.0
320-340	.2	2.6	4.2	4.3	2.9	1.2	.1	.1				15.6	15.7	15.0
VARIABLE														
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	4.9	18.8	21.2	19.6	18.0	9.0	3.1	1.6	1.1	.2		100.0	15.8	15.0

TOTAL NUMBER OF OBSERVATIONS 6738

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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										GE 65	TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				
(N) 350-010	.1	1.9	3.4	4.2	3.7	1.7	.7					15.6	17.4	17.0
020-040	.1	1.3	.6	.5	.3	.4	.1	.1				3.3	13.9	10.5
050-070	.3	.4	.1	.1	.1	.1	.1	.1				1.2	11.9	5.5
(E) 080-100	.3	.3	.4	.1	.5	.1	.1	.1				2.0	15.9	16.0
110-130	.3	1.1	1.3	1.9	3.0	2.1	1.6	.8	.3			12.3	21.7	22.0
140-160	.1	.5	1.4	4.6	6.7	4.4	2.5	1.3	.9	.3		22.5	23.8	23.0
(S) 170-190	.2	.5	.5	.2	.7	.6	.4	.1	.1			3.3	19.8	22.5
200-220	.1	.3		.1	.1	.1	.1					.7	13.3	6.5
230-250	.2	.3	.3	.4	.4	.3	.1					2.0	16.5	18.0
(W) 260-280	.1	1.0	.9	1.0	.5	.1	.1					3.8	13.9	14.0
290-310	.6	2.6	2.6	1.2	1.1	.4						8.4	12.4	11.0
320-340	.1	2.8	6.3	7.1	5.1	1.8	.1	.1				23.5	16.3	16.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	2.5	13.0	17.8	21.4	22.2	12.1	5.9	2.6	1.3	.3		100.0	18.1	18.0

TOTAL NUMBER OF OBSERVATIONS 1517

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.8	1.6	1.6	.8	1.0	.1					7.3	14.4	14.0
020-040	.4	.6	.5	.6	1.1	.6	.1					4.1	16.5	18.5
050-070	.1	.2	.1	.6	.1		.1					1.3	15.4	18.0
(E) 080-100	.2	.8	.4	.5	.4	.2	.1	.1	.1			2.9	16.4	15.0
110-130	.4	1.9	2.4	3.1	2.2	.6	.8	.3	.2			12.0	17.0	17.0
140-160	1.1	4.9	3.8	4.1	3.7	1.6	.5	.4	.3			20.5	15.8	15.0
(S) 170-190	.6	2.2	1.1	1.1	.8	.6		.2	.1			6.7	13.7	11.5
200-220	.5	1.0	.4	.1	.2	.4						2.7	11.4	8.0
230-250	.4	1.3	1.4	1.8	1.1	.6	.1					6.8	14.9	15.0
(W) 260-280	.4	2.3	1.7	1.7	1.2	.3	.3	.1	.1			8.2	14.6	13.0
290-310	1.0	5.1	3.4	1.0	.9	.6	.1					12.0	10.7	9.0
320-340	.5	3.5	5.4	1.3	2.3	1.0	.1					14.1	13.7	12.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	5.9	25.6	22.2	17.5	14.8	7.5	2.3	1.1	.8			100.0	14.3	13.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	2.3	2.2	1.2	1.2	1.0	.2		.1			8.5	14.8	12.0
020-040	.3	1.1	.5	1.2	.5	.5	.3	.1				4.7	16.0	16.0
050-070	.1	1.0	.4	.5	.1	.2						2.4	12.1	10.5
(E) 080-100	.2	.8	.8	.4	.4	.1			.2	.1		3.0	16.6	13.5
110-130	.7	2.4	2.6	2.8	1.6	1.7	.7	.2	.3			13.1	17.2	16.0
140-160	.5	2.6	3.8	3.7	2.4	1.6	.9	.2	.1			15.9	16.7	16.0
(S) 170-190	1.0	2.6	2.3	1.2	1.6	.2			.1			9.0	12.6	11.0
200-220	.7	1.2	.3	.1		.1	.1					2.5	8.9	7.0
230-250	.3	1.4	1.7	2.3	.3	1.0	.4					7.5	15.6	15.0
(W) 260-280	.4	1.1	2.4	1.5	1.0	.7						7.1	14.5	14.0
290-310	1.3	6.2	4.0	.8	1.3	.5	.3					14.5	10.9	9.0
320-340	.8	2.9	2.2	1.1	2.1	1.0	.3	.1				10.4	14.5	12.0
VARIABLE														
CALM	////////////////////////////////////										1.4	////////////////////////////////		
TOTALS	6.6	25.6	23.2	16.8	12.5	8.6	3.2	.6	.8	.1		100.0	14.3	13.0
TOTAL NUMBER OF OBSERVATIONS 919														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	2.1	2.0	1.0	1.3	.8	.2	.2				7.8	15.5	13.0
020-040	.4	1.3	1.1	1.2	1.1		.3	.3				5.8	15.7	15.0
050-070	.5	.9	.2	.2		.2	.1					2.2	10.5	7.5
(E) 080-100	.1	1.0	.5	.4	.3		.2	.1	.3			3.0	17.5	13.0
110-130	.5	3.0	2.8	2.2	1.6	1.4	1.0	.3	.2			13.1	16.5	15.0
140-160	.3	2.9	2.8	4.2	2.7	1.5	1.5	.3				16.4	17.5	17.0
(S) 170-190	.7	1.6	1.2	.4	.7	.4		.1				5.1	12.7	10.0
200-220	1.0	.9	.5	.1	.2	.5						3.3	11.0	6.5
230-250	1.2	1.3	1.6	1.4	1.0	.9	.2					7.6	14.0	13.0
(W) 260-280	.8	2.6	2.2	2.0	.9		.1					8.5	11.8	12.0
290-310	1.6	5.4	2.5	1.3	1.0	.3		.1				12.5	10.9	9.0
320-340	.7	3.6	3.9	1.4	1.3	1.3	.2	.1				12.5	13.8	12.0
VARIABLE														
CALM	////////////////////////////////////											2.3	////////////////////////////////	
TOTALS	8.1	26.6	21.3	15.8	12.1	7.3	4.0	1.5	.5			100.0	14.1	13.0
TOTAL NUMBER OF OBSERVATIONS 921														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.1	2.7	2.3	2.3	1.1	.3					11.1	15.7	15.0
020-040	.2	1.8	.9	.3	.8	.4		.1				4.6	13.5	10.0
050-070	.3	.8	.4	.1	.2	.1	.2					2.2	12.4	9.0
(E) 080-100	.4	.4	.2	.7	.1	.1	.1	.2	.2			2.5	17.7	16.0
110-130	.5	2.6	1.7	3.1	1.8	.8	.5	.8				11.9	16.7	16.0
140-160	.3	2.1	3.8	5.0	4.7	2.7	1.2	.5	.1			20.4	18.7	18.0
(S) 170-190	.3	2.0	.8	1.1	1.0	.2						5.3	12.7	11.0
200-220	.9	.9	.3	.3	.3							2.7	9.2	6.0
230-250	.8	1.3	1.6	1.7	1.4	.7	.4					7.9	15.4	15.0
(W) 260-280	1.1	1.7	.8	1.6	.9	.5	.3					6.9	13.8	14.0
290-310	1.3	5.3	2.4	1.3	.8	.4	.3					11.8	10.8	8.0
320-340	.7	3.0	2.8	1.8	1.0	1.5	.3					11.2	14.3	12.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	7.1	24.0	18.4	19.3	15.3	8.5	3.6	1.6	.3			100.0	14.8	14.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	30-3	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	3.8	3.0	1.7	1.7	.8	.3					11.9	13.5	11.0
020-040	.8	2.6	1.7	.9	1.1	.6						7.7	12.8	12.0
050-070	.5	1.5		.1	.3	.1						2.6	9.1	6.0
(E) 080-100	.2	.9	1.0	.5	.4	.4	.3	.1	.1			4.0	16.9	14.0
110-130	.2	1.0	3.2	3.2	2.7	.6	.5					11.5	16.8	16.0
140-160	.2	1.7	1.7	5.7	5.2	2.6	1.3	.3	.3			19.1	20.0	20.0
(S) 170-190	.1	.2	.8	1.4	1.7	.5		.2				5.0	18.8	19.5
200-220	.2	.1	.3	.5	.1	.3						1.6	15.7	16.0
230-250	.3	.6	1.3	1.5	.6	.2	.5	.2	.1			5.5	17.0	15.0
(W) 260-280	.3	1.6	1.6	2.6	.6	1.2	.3					8.3	15.9	16.0
290-310	.3	2.8	3.1	2.4	1.0	.4	.3					10.4	13.4	11.5
320-340	.3	2.2	2.0	2.2	2.0	2.2	.1					11.0	16.5	16.5
VARIABLE														
CALM	////////////////////////////////////											1.5	////////	
TOTALS	3.9	19.0	19.7	22.7	17.4	9.9	3.6	.8	.5			100.0	15.9	16.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	2.0	2.9	2.9	2.2	.7	.2	.1				11.4	15.3	16.0
020-040	.4	2.6	1.4	1.4	.4	.7						6.9	12.3	10.0
050-070	.9	2.1	.2	.2	.2	.1						3.7	8.3	6.5
(E) 080-100	.4	1.4	.8	.5	.8	.3	.2	.1				4.6	14.1	12.0
110-130	.1	1.6	3.3	2.9	2.4	.7	.1	.2				11.3	16.1	16.0
140-160	.1	.8	2.4	5.4	5.3	2.8	1.0	.7	.3			18.7	20.6	20.0
(S) 170-190	.1	.4	1.1	1.0	1.7							4.8	17.5	19.0
200-220		.4	.4	.9	.4	.2	.1		.1			2.6	17.4	17.0
230-250	.2	.4	1.4	.5	.5	.7	.4					4.2	17.1	15.0
(W) 260-280		1.2	2.5	2.0	1.7	.5	.5	.1				8.6	16.9	16.0
290-310	.2	2.3	4.0	2.2	1.8	.4	.4					11.4	14.6	13.0
320-340	.1	1.5	2.7	3.4	2.2	1.1	.2	.1				11.3	16.7	16.5
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	2.9	16.7	23.1	23.3	19.6	8.6	3.1	1.3	.4			100.0	16.2	16.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	2.4	2.9	2.7	2.4	.3	.4					11.3	15.1	15.5
020-040	.3	1.0	1.4	.9	1.3	.1						5.0	14.3	12.5
050-070	.1	1.6	.3	.3	.2	.1			.1			2.8	11.5	7.5
(E) 080-100	.4	.9	.8	.3	.2	.2	.1	.2				3.1	13.8	11.0
110-130	.2	1.1	2.6	3.0	1.7	.8	.2					9.7	16.0	16.0
140-160	.3	2.0	3.8	5.2	4.9	2.2	.5	.1	.1			19.1	17.8	18.0
(S) 170-190	.5	1.4	2.5	1.0	.8	.4						6.6	12.7	12.0
200-220	.1	.5	.4	.3	.3		.2	.2				2.2	16.8	15.0
230-250	.1	.9	1.2	1.1	.9	.2	.3					4.7	15.7	15.0
(W) 260-280	.2	1.3	3.0	2.0	1.4	.8	.1					8.8	15.3	14.0
290-310	.4	3.5	2.6	2.1	1.6	.5						10.7	13.1	11.0
320-340	.1	2.9	4.1	3.7	2.3	1.0	.5	.2				14.9	15.7	15.0
VARIABLE														
CALM	////////////////////////////////////										1.1	////////		
TOTALS	2.8	19.5	25.6	22.6	18.0	6.6	2.3	.7	.2			100.0	15.1	15.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.8	2.7	2.3	1.9	1.0						9.9	15.0	15.0
020-040	.2	.9	.8	.8	1.2	.1						3.9	14.8	15.0
050-070	.4	.8	.3	.3	.2		.2					2.3	12.0	9.0
(E) 080-100	.2	.9	.6	.5	.2	.2		.1				2.8	13.0	12.0
110-130	.6	2.2	2.1	3.7	2.7	.6	.3		.1			12.3	15.5	16.0
140-160	.4	3.2	3.6	4.1	3.5	2.4	.6	.3				18.2	16.9	17.0
(S) 170-190	.2	2.5	2.1	.5	.4	.2		.1				6.1	11.5	10.0
200-220	.5	1.5	.6	.1	.2	.1	.2		.1			3.5	11.8	8.5
230-250	.8	1.2	1.9	.5	.9	.4	.2		.1			6.1	14.1	12.0
(W) 260-280	.9	1.6	2.4	1.3	1.1	.9						8.1	13.6	13.0
290-310	1.3	4.5	2.4	1.4	1.7	.4		.2				12.0	11.9	10.0
320-340	1.1	2.8	4.1	2.8	1.4	1.3	.3					13.8	14.2	13.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////////////////////////////	
TOTALS	6.8	23.9	23.6	18.3	15.4	7.6	1.8	.7	.3			100.0	14.1	13.0
TOTAL NUMBER OF OBSERVATIONS 925														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.3	2.3	2.5	2.0	1.7	.8	.2	.0	.0			9.9	14.9	14.0
020-040	.4	1.5	1.0	.9	.9	.4	.1	.1				5.3	14.2	13.0
050-070	.4	1.1	.3	.3	.2	.1	.1		.0			2.4	11.0	8.0
(E) 080-100	.3	.9	.6	.5	.4	.2	.1	.1	.1	.0		3.3	15.7	13.0
110-130	.4	2.0	2.6	3.0	2.1	.9	.5	.2	.1			11.9	16.5	16.0
140-160	.4	2.5	3.2	4.7	4.0	2.2	.9	.4	.2			18.5	18.0	18.0
(S) 170-190	.4	1.6	1.5	1.0	1.1	.4		.1	.0			6.1	13.8	12.0
200-220	.5	.8	.4	.3	.2	.2	.1	.0	.0			2.6	12.4	10.0
230-250	.5	1.1	1.5	1.4	.8	.6	.3	.0	.0			6.3	15.3	15.0
(W) 260-280	.5	1.7	2.1	1.8	1.1	.6	.2	.0	.0			8.1	14.6	14.0
290-310	.9	4.4	3.0	1.5	1.3	.5	.2	.0				11.9	11.9	10.0
320-340	.5	2.8	3.4	2.2	1.8	1.3	.3	.1				12.4	14.9	13.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	5.5	22.7	22.1	19.6	15.6	8.2	3.0	1.0	.4			100.0	14.9	14.0

TOTAL NUMBER OF OBSERVATIONS 7383

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.7	2.7	1.9	1.8	.2	.1					8.6	14.1	13.0
020-040	.3	1.2	.6	.2	.4	.1	.2	.1				3.1	12.4	9.0
050-070	.3	1.0		.2	.3	.3	.2					2.4	13.4	8.0
(E) 080-100	.2	.6	.5	.4	.1		.1	.1				2.0	12.0	11.0
110-130	.2	1.3	1.7	2.7	1.3	1.2	.9	.5	.3			10.1	19.5	18.0
140-160	.6	1.4	2.4	5.3	4.9	3.9	1.7	.8	.1			21.0	20.5	20.0
(S) 170-190	.1	.5	.7	.3	.6	.3		.1	.1			2.8	16.3	15.0
200-220	.1	.2	.2	.2								.6	10.5	10.0
230-250	.3	.2	1.0	1.1	1.0	.8	.2					4.6	17.7	18.0
(W) 260-280	.1	1.2	2.3	2.5	1.3	1.3	.2					8.9	16.8	16.0
290-310	.9	6.1	4.2	2.6	3.1	.8	.5	.1				18.2	13.3	10.0
320-340	.2	3.1	4.8	3.6	3.4	1.2	.4	.1				16.8	15.6	15.0
VARIABLE														
CALM	////////////////////											.9	////////////////	
TOTALS	3.6	18.5	21.1	21.0	18.2	10.1	4.5	1.8	.5			100.0	16.3	16.0

TOTAL NUMBER OF OBSERVATIONS 1728

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.6	2.2	3.9	.8	.3						9.2	14.2	15.0
020-040	.3	1.1	.9	1.3	.2							3.9	11.7	11.0
050-070	.6	.6	.1	.1	.3	.2						1.9	11.8	8.0
(E) 080-100		.3	.9	.1	.1	.1	.2					1.8	15.1	13.0
110-130	.7	1.0	1.2	1.7	1.1	.4	.2					6.4	14.8	15.0
140-160	.4	3.1	3.2	3.8	4.3	1.3	3.7	.6	.2			20.7	19.5	19.0
(S) 170-190	.4	1.7	1.5	.1	.2	.3	.1		.1			4.5	11.8	10.0
200-220	1.0	1.1	.6									2.7	6.2	5.0
230-250	.6	1.5	2.5	1.3	.4	.1	.1					6.5	12.1	12.0
(W) 260-280	1.3	3.1	2.6	.8	.6	.1	.2					8.7	10.6	9.0
290-310	.9	3.5	4.6	2.4	2.0	.7						14.0	13.0	12.0
320-340		3.9	5.5	3.6	3.7	1.7	.3					18.7	15.6	14.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	6.5	22.5	25.8	19.1	13.7	5.2	4.8	.6	.3			100.0	14.4	13.0
TOTAL NUMBER OF OBSERVATIONS 893														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.9	2.0	3.6	1.9	.4						10.0	15.1	15.0
020-040	.2	.4	.3	.6	.7	.1	.2					2.6	16.1	18.0
050-070	.3	.4	.3	.3	.1	.1						1.7	11.3	10.0
(E) 080-100		.7	.2	.4	.1	.1	.3					1.9	16.2	15.0
110-130	.3	.8	.9	1.5	.8	.8	.1					5.2	16.1	16.0
140-160	.7	2.2	3.6	3.8	3.9	2.7	1.6	.4	.3			19.3	18.9	18.0
(S) 170-190	.4	2.7	1.0	.2	.1	.1	.2	.2				5.0	10.7	7.0
200-220	.7	1.0	.2	.3								2.2	7.9	7.0
230-250	.6	2.7	3.1	1.2	.3							8.0	10.8	11.0
(W) 260-280	.6	2.7	2.2	1.6	1.3	.2		.1				8.7	12.8	12.0
290-310	.7	4.0	3.3	3.3	2.4	1.3						14.9	14.1	14.0
320-340	.7	4.6	5.6	4.0	1.8	1.1	.6					18.4	13.8	13.0
VARIABLE														
CALM	////////////////////											2.1	////////	
TOTALS	5.3	24.1	22.7	20.8	13.4	6.9	3.0	.7	.3			100.0	14.2	14.0
TOTAL NUMBER OF OBSERVATIONS 892														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.9	2.3	3.1	3.1	2.1	.7						12.3	13.9	14.0
020-040		.7	.3	.4	.1	.2	.2					2.0	15.6	14.5
050-070	.3	.9	.4	.2	.2		.1					2.2	10.9	9.0
(E) 080-100	.2	.7	.2		.1		.2					1.4	12.1	7.0
110-130	.3	1.1	1.4	1.1	1.7	.3						6.0	14.7	15.5
140-160	.6	2.3	2.8	4.3	1.8	2.3	1.3	1.1	.1			16.7	18.8	17.5
(S) 170-190	.8	2.8	1.6	.3	.3	.2	.2					6.2	10.6	9.0
200-220	.2	1.1	.1									1.4	5.9	5.0
230-250	1.0	2.3	2.5	1.3	.3		.1	.1				7.7	11.1	10.0
(W) 260-280	.7	2.1	2.5	1.6	.7	.4						7.9	12.1	12.0
290-310	.8	4.5	4.2	3.7	2.3	.6	.1	.1				16.3	13.4	12.5
320-340	.3	2.3	5.2	3.8	4.0	1.0	.2					16.9	15.4	15.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////	////
TOTALS	6.1	23.1	24.3	19.8	13.6	5.7	2.4	1.3	.1			100.0	13.8	13.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	2.9	3.5	3.8	2.3	.7	.3					13.8	14.6	15.0
020-040	.2	2.3	.3	.7	.4	.3						4.3	11.5	8.0
050-070	.4	1.3	.8	.3								2.9	9.0	8.0
(E) 080-100	.2	.9	.3	.2	.1	.3						2.1	11.5	7.0
110-130	.1	2.2	1.8	1.0	.8	.3	.1					6.4	13.4	12.0
140-160	.6	1.3	2.3	4.8	4.0	2.2	1.2	.3	.8			17.6	20.0	19.0
(S) 170-190	.2	1.6	1.0	1.0	.8	.1	.1					4.8	13.1	12.0
200-220	.2	.9	.2									1.3	7.0	8.0
230-250	.4	1.2	2.2	1.4	.4			.3				6.1	13.5	13.0
(W) 260-280	.3	1.6	2.2	2.5	.8	.6						7.9	14.2	14.0
290-310	.7	2.6	4.2	5.4	2.3	.9			.2			16.3	15.1	15.0
320-340	.4	1.7	3.2	3.7	4.0	1.6	.1		.1			14.8	17.0	17.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	4.0	20.5	22.0	24.8	15.9	7.0	1.8	.6	1.1			100.0	15.0	15.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	2.7	3.2	3.9	3.5	1.5	.2					15.1	16.3	16.0
020-040		1.8	1.3	.1	.3	.1						3.7	10.7	10.0
050-070	.4	2.9	.4	.4								4.2	8.3	8.0
(E) 080-100	.3	1.6	1.1	.1	.1	.1	.2					3.6	11.1	9.0
110-130		.9	1.1	1.3	.9	.3	.1					4.7	15.9	16.0
140-160	.1	.7	1.8	5.1	4.7	2.1	1.6	.8	.4			17.3	21.4	20.0
(S) 170-190		.9	.9	1.6	.9	.8						5.0	16.7	18.0
200-220	.1	.7	.4	.1								1.3	8.7	8.0
230-250	.2	1.2	1.9	1.3	.3	.1	.2	.1				5.5	14.0	14.0
(W) 260-280		.7	1.2	2.5	2.2	.3	.2	.1				7.3	17.8	18.0
290-310	.1	1.7	3.5	5.8	3.7	1.1	.2	.2	.1			16.4	17.1	16.0
320-340		1.9	3.5	3.6	4.9	1.5	.1					15.4	17.1	17.0
VARIABLE														
CALM	////////////////////////////////////										.4	////////////////////////////////		
TOTALS	1.3	17.7	20.3	25.8	21.5	7.9	2.8	1.2	.5			100.0	16.5	17.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.2	3.6	4.3	3.4	1.0	.3					15.0	15.9	15.0
020-040		.8	2.1	.4	.6							3.9	13.0	12.0
050-070		2.2	.8	.1								3.1	8.3	7.5
(E) 080-100	.2	.9	.7	.1	.2	.2	.1	.1				2.6	13.2	11.0
110-130	.1	1.5	1.2	2.0	1.3	.6	.2					7.0	16.3	17.0
140-160		.7	1.9	4.8	5.7	2.6	1.7	.4	.3			18.2	21.2	20.0
(S) 170-190		.4	.8	1.1	1.7	.1						4.2	17.4	19.0
200-220		.2	.3		.2							.8	12.9	11.0
230-250		1.1	.8	1.0	.2	.2	.1					3.5	14.1	12.0
(W) 260-280	.1	1.0	1.8	3.7	1.1	.1	.6	.1				8.5	16.4	16.0
290-310	.2	.9	3.1	7.2	3.6	1.0	.2	.2				16.5	17.5	17.0
320-340	.2	1.2	3.6	4.6	5.1	1.8	.1					16.6	17.7	18.0
VARIABLE														
CALM	////////////////////////////////////										.1	////////////////////////////////		
TOTALS	1.0	13.1	20.7	29.3	23.1	7.6	3.3	.8	.3			100.0	17.0	17.0
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: 703160

STATION NAME: COLD BAY, 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		2.5	3.6	2.9	3.2	.8	.2	.1				13.3	15.8	15.0
020-040	.1	1.6	1.0	1.1	.3							4.1	11.7	11.0
050-070	.1	.9	.1	.1	.1							1.3	8.9	7.5
(E) 080-100	.2	1.1	.1	.8	.4	.3	.					3.1	14.6	15.0
110-130	.1	.7	1.9	.6	1.1	.7	.3					5.4	16.8	14.5
140-160		1.2	3.1	4.6	7.1	2.2	1.7	.1	.2			20.3	20.1	20.0
(S) 170-190	.1	.8	1.1	.9	.1							3.0	12.2	13.0
200-220		.3	.7	.3								1.3	11.3	11.0
230-250	.1	.7	.9	.4	.1	.3	.1					2.7	13.8	11.0
(W) 260-280		1.7	2.2	3.0	.7	.8	.2					8.6	15.0	15.0
290-310	.1	1.2	3.9	6.8	3.5	.7	.2					16.4	16.6	16.0
320-340	.4	1.6	6.2	5.6	4.7	1.8						20.3	16.3	16.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	1.2	14.3	24.8	27.1	21.3	7.6	2.8	.2	.2			100.0	16.3	16.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.1	3.0	3.0	2.5	.6	.1					11.8	14.7	15.0
020-040	.4	1.1	.8	1.6	.2							4.1	11.8	12.0
050-070	.2	.4	.7	.1	.1							1.6	10.0	10.0
(E) 080-100	.4	.3	.7	.3		.2	.3	.1				2.5	15.2	12.0
110-130	.1	1.3	1.5	.3	.9	.8	.1			.1		5.2	16.0	13.0
140-160		1.9	2.7	3.7	5.5	3.0	1.8	.7	.2			19.5	20.4	20.0
(S) 170-190	.7	1.1	.8	.6	.2	.1	.1					3.6	11.6	9.5
200-220	.3	.8	.6	.3	.1							2.1	9.7	9.0
230-250	.2	1.7	1.5	.9	.8	.1						5.2	12.2	11.0
(W) 260-280	.7	1.7	3.0	2.0	.2	.3						8.0	12.5	13.0
290-310	.8	3.7	5.4	3.8	2.0	.6	.3					16.6	13.7	13.0
320-340		3.7	5.9	4.8	3.2	1.6	.3					19.6	15.1	15.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	4.2	19.8	26.6	21.4	15.7	7.3	3.0	.8	.2	.1		100.0	15.0	14.0
TOTAL NUMBER OF OBSERVATIONS 893														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.3	3.0	3.6	2.5	.7	.2	.0				12.6	15.2	15.0
020-040	.2	1.2	.9	.8	.4	.1	.1					3.6	12.4	11.0
050-070	.3	1.2	.5	.2	.1	.0	.0					2.4	9.5	8.0
(E) 080-100	.2	.8	.5	.3	.2	.2	.2	.0				2.4	13.5	10.5
110-130	.2	1.2	1.4	1.2	1.1	.5	.2			.0		5.8	15.4	15.0
140-160	.3	1.7	2.7	4.4	4.6	2.3	1.8	.6	.3			18.7	20.0	20.0
(S) 170-190	.3	1.5	1.1	.7	.5	.2	.1	.0	.0			4.5	12.9	11.0
200-220	.3	.8	.4	.1	.0							1.7	8.2	7.0
230-250	.4	1.6	1.9	1.1	.4	.1	.1	.1				5.6	12.4	12.0
(W) 260-280	.5	1.8	2.2	2.2	1.0	.4	.2	.0				8.2	13.9	14.0
290-310	.5	2.8	4.0	4.8	2.7	.9	.1	.1	.0			15.9	15.1	15.0
320-340	.3	2.6	4.8	4.2	3.9	1.5	.2		.0			17.6	15.9	16.0
VARIABLE														
CALM	////////////////////////////////////											1.1	////////	
TOTALS	3.8	19.5	23.4	23.6	17.4	6.9	3.2	.8	.3			100.0	15.3	15.0

TOTAL NUMBER OF OBSERVATIONS 7155

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.3	1.6	2.2	2.0	1.0	.5	.1				8.7	17.2	17.5
020-040		.3	.2	.4	.4	.3	.					1.5	16.8	17.5
050-070	.2	.5	.1	.1		.2	.1					1.1	11.5	8.0
(E) 080-100	.1	.4	.3	.1	.1	.1	.2					1.2	14.6	11.5
110-130	.1	.5	1.2	.8	1.0	.4	.2			.1		4.2	16.8	16.0
140-160	.4	1.1	1.8	3.9	6.7	4.3	3.3	1.3	.4			23.1	22.8	23.0
(S) 170-190	.1	.6	1.0	.4	.3	.4	.3	.1	.1			3.0	16.4	13.0
200-220	.1	.5	.2									.8	7.8	7.5
230-250	.1	.9	2.0	1.7	.5	.3	.1	.1				5.6	14.5	14.0
(W) 260-280	.2	1.9	3.4	3.4	1.4	.7	.2	.1				11.1	14.9	15.0
290-310	.3	2.1	6.1	7.5	3.6	1.6	.2					21.3	16.0	16.0
320-340	.2	2.1	5.8	4.2	3.7	1.9	.4					18.2	16.2	15.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	2.0	12.2	23.7	24.7	19.7	11.2	5.6	1.7	.5	.1		100.0	17.4	17.0

TOTAL NUMBER OF OBSERVATIONS 1995

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.8	2.1	.9	.4							6.5	10.5	10.0
020-040		.8		.1								.9	7.1	6.0
050-070	.3	.2										.5	5.0	4.0
(E) 080-100	.8	.8	.4	.2	.1	.2						2.5	9.7	7.0
110-130	.4	3.2	1.1	1.7	1.1	.4		.1				8.1	12.9	12.0
140-160	.7	3.2	6.4	5.3	7.3	2.9	1.0	.5	.2	.1		27.6	17.9	18.0
(S) 170-190	.7	2.3	1.7	1.2	.4	.5	.1					7.0	12.3	11.5
200-220	.7	1.1	.2									2.0	5.6	5.0
230-250	.9	2.5	1.6	.3	.1		.3					5.8	9.7	7.0
(W) 260-280	.8	2.4	1.8	1.3	.3	.1						6.7	10.8	10.0
290-310	1.6	7.0	6.0	1.6	.2	.4						16.9	9.7	9.0
320-340	.7	4.1	4.2	2.7	1.5							13.3	11.8	11.0
VARIABLE														
CALM	////////////////////											2.3	////////	
TOTALS	7.9	30.4	25.5	15.3	11.4	4.5	1.4	.6	.2	.1		100.0	12.5	11.0
TOTAL NUMBER OF OBSERVATIONS 919														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.4	1.3	1.2	.3	.1						5.6	11.0	10.0
020-040	.4	.8	.1		.1							1.4	6.6	5.0
050-070	.3	1.0	.2									1.5	6.6	5.0
(E) 080-100		.3	.6	.3	.1							1.4	11.9	12.0
110-130	.8	1.9	3.5	1.2	1.5	.6	.1					9.6	13.4	12.0
140-160	.2	4.0	4.3	5.3	6.0	3.2	1.3	.3	.5			25.2	18.3	18.0
(S) 170-190	.9	2.9	1.7	1.4	.8	.5						8.2	11.5	10.0
200-220	.9	.8	.3		.1							2.1	6.6	5.0
230-250	.5	2.1	1.7	.8	.2							5.3	10.1	10.0
(W) 260-280	.9	2.5	2.2	1.3	.5	.1		.1				7.6	11.2	10.0
290-310	1.2	5.4	6.1	1.6	.4	.2						14.9	10.2	10.0
320-340	1.4	5.3	3.6	2.3	1.5							14.1	11.0	10.0
VARIABLE														
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	7.8	29.4	25.6	15.4	11.5	4.7	1.4	.4	.5			100.0	12.4	11.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	3.0	1.2	.8	.1	.1						5.6	9.6	8.5
020-040	.5	1.4	.1	.1								2.2	6.8	6.0
050-070	.5	.8	.2									1.5	6.1	5.5
(E) 080-100	.3	.6		.4	.1	.1						1.6	11.3	8.0
110-130	1.3	1.8	3.6	2.3	2.2	1.0	.1					12.2	14.3	13.0
140-160	.5	3.5	4.5	5.3	5.6	2.5	1.3	.6	.3			24.2	18.1	18.0
(S) 170-190	.9	1.8	1.3	.9	.5	.4	.1					6.0	11.8	10.0
200-220	.5	.6	.2	.1								1.5	7.1	5.0
230-250	.5	1.5	1.4	1.1	.1	.1						4.8	10.7	10.0
(W) 260-280	.8	2.8	2.9	1.9	.3							8.8	10.9	11.0
290-310	.8	6.0	5.8	2.3	.9	.3						16.0	11.1	10.0
320-340	.9	5.4	2.8	3.1	.9	.3						13.4	11.6	10.0
VARIABLE														
CALM	////////////////////											2.2	////////	
TOTALS	7.9	29.2	24.0	18.3	10.7	4.8	1.5	.6	.3			100.0	12.7	12.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	2.5	3.1	.9	.1							6.7	10.6	10.0
020-040	.4	2.5	1.7	.2								4.9	8.3	7.0
050-070	.8	2.5	.4	.1	.1							3.9	7.1	6.0
(E) 080-100	.3	1.5	.8	.4	.1	.1						3.3	10.0	8.0
110-130	.1	1.5	3.7	3.6	2.4	.8		.1				12.1	15.9	15.5
140-160	.1	1.4	3.8	4.7	6.7	4.2	1.7	.4				23.1	20.2	20.0
(S) 170-190		.4	.8	1.1	1.6	.3	.2					4.4	18.0	19.0
200-220	.2	.4	.7	.2								1.5	9.7	10.0
230-250	.4	.4	1.6	1.1	.2	.1						3.9	12.4	13.0
(W) 260-280		1.2	3.3	2.6	.7							7.7	13.8	13.0
290-310		4.2	5.1	2.8	1.7	.2						14.1	12.8	12.0
320-340	.5	2.3	5.5	2.9	2.4	.1						13.8	13.4	12.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////	
TOTALS	2.9	20.8	30.5	20.6	16.0	5.8	1.9	.5				100.0	14.5	14.0
TOTAL NUMBER OF OBSERVATIONS 922														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.7	2.8	2.6	.7	.2						8.3	13.6	13.0
020-040		1.8	1.0	.3								3.1	9.6	9.0
050-070	.2	1.3	.4	.2								2.2	8.3	7.5
(E) 080-100		1.3	1.3	.9								3.5	11.6	11.0
110-130		.7	2.3	3.0	2.9	1.6	.3					10.9	18.3	18.5
140-160	.1	.8	3.5	6.9	6.4	4.9	1.5	.7	.2			25.0	20.7	20.0
(S) 170-190	.1	.2	1.0	1.0	1.4	.2	.7					4.6	19.2	19.5
200-220	.1	.3	.1	.3	.1							1.0	12.0	14.0
230-250		.8	1.5	1.0	.3		.1					3.7	13.7	14.0
(W) 260-280		1.7	2.3	1.5	1.4	.9						7.8	15.3	14.0
290-310	.3	3.1	6.4	3.8	1.7	.3						15.7	13.5	14.0
320-340		1.8	7.1	3.3	1.8	.2						14.2	14.0	13.0
VARIABLE														
CALM	////////////////////////////////////											.1	////////////////////////////////	
TOTALS	1.0	15.5	29.7	24.8	16.7	8.3	2.6	.7	.2			100.0	16.0	15.0
TOTAL NUMBER OF OBSERVATIONS 921														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	2.2	3.1	2.7	.8							8.8	12.8	12.0
020-040	.3	.8	.9	.2	.2							2.4	10.0	10.0
050-070	.2	1.3			.1							1.6	7.2	6.0
(E) 080-100	.1	.9	.6	1.0	.3							2.9	12.8	13.0
110-130	.1	1.5	1.6	3.0	2.3	1.3	.1					9.9	17.0	17.0
140-160	.1	2.2	4.2	6.8	8.2	2.9	2.4	.4				27.2	19.4	20.0
(S) 170-190		.3	1.3	1.5	1.1	.3	.1					4.6	17.2	17.0
200-220		.3	.1	.1		.1		.1				.8	15.0	11.0
230-250		.2	1.6	.8	.4							3.0	13.8	13.5
(W) 260-280	.2	1.1	3.3	1.2	.9	.4						7.1	14.3	13.0
290-310	.3	4.0	7.0	3.5	1.3	.3						16.4	12.4	12.0
320-340	.2	2.2	6.1	3.8	1.9	.8						15.0	14.1	13.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	1.6	17.0	29.8	24.6	17.5	6.1	2.6	.5				100.0	15.3	15.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.9	2.8	1.3	.4							6.9	11.6	11.5
020-040	.2	1.2	.2	.2								1.8	7.9	6.0
050-070	.3	.3										.6	5.0	4.5
(E) 080-100	.3	.9	.2	.2	.3	.1						2.0	10.8	7.0
110-130	.4	1.4	3.1	1.9	.8	1.1	.1					8.8	14.8	14.0
140-160	.5	3.4	7.1	6.1	7.1	4.3	1.2	.1				30.0	17.4	17.0
(S) 170-190	.8	1.5	1.3	1.0	.5	.2						5.3	12.0	11.0
200-220	.2	.3	.2		.1	.1						1.0	10.2	6.0
230-250	.2	1.6	1.3	.3	.2							3.7	9.9	9.0
(W) 260-280	.4	3.2	3.3	1.2	.5	.2						8.9	11.2	10.0
290-310	1.0	6.8	5.5	1.6	.5	.2						15.6	10.3	10.0
320-340	.5	4.1	6.0	2.3	1.2	.1	.1					14.3	12.0	12.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	5.2	26.6	31.0	16.1	11.6	6.3	1.4	.1				100.0	13.1	12.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.4	2.4	1.6	.4	.1						7.1	11.7	11.0
020-040	.3	1.4	.6	.2	.0							2.5	8.5	7.5
050-070	.4	1.3	.2	.1	.0							2.0	7.2	7.0
(E) 080-100	.3	1.0	.6	.5	.2	.1						2.6	11.1	10.0
110-130	.4	1.6	2.7	2.6	2.0	1.0	.1	.0				10.5	15.6	15.0
140-160	.3	2.3	4.5	5.8	6.8	3.7	1.6	.5	.2	.0		25.7	19.1	19.0
(S) 170-190	.4	1.3	1.2	1.2	1.0	.3	.2	.0				5.6	14.4	14.0
200-220	.3	.5	.3	.1	.1	.0		.0				1.4	9.0	6.5
230-250	.3	1.2	1.5	.8	.2	.0	.1					4.1	11.4	11.0
(W) 260-280	.4	2.0	2.7	1.6	.7	.3		.0				7.8	12.7	12.0
290-310	.7	4.9	5.9	2.6	1.1	.3						15.5	11.7	11.0
320-340	.5	3.4	5.1	3.0	1.7	.2	.0					14.0	12.8	12.0
VARIABLE														
CALM	////////////////////////////////////										1.2	////////////////////////////////		
TOTALS	4.6	23.3	27.7	20.1	14.2	6.0	2.0	.5	.2			100.0	14.0	13.0
TOTAL NUMBER OF OBSERVATIONS 7383														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.3	2.1	3.0	2.3	.4							8.0	12.1	13.0
020-040	.1	.8	.1	.2								1.0	8.0	6.5
050-070	.2	.4										.5	5.8	5.5
(E) 080-100	.1	.4										.4	5.8	6.0
110-130	.3	.9	1.0	1.1	1.6	1.5	.3	.1				6.7	18.2	20.0
140-160	.1	.7	2.2	4.4	7.8	7.4	3.0	1.0	.3	.1		27.1	23.1	24.0
(S) 170-190	.1	.3	.4	.4	.5	.3	.2	.1				2.2	18.7	18.5
200-220	.1	.2	.1									.4	6.6	7.0
230-250	.2	.4	1.4	.9	.3							3.1	13.0	13.5
(W) 260-280	.3	1.6	4.2	2.5	1.2	.4		.1				10.2	13.8	13.0
290-310	.3	5.3	9.7	4.3	1.4	.9						21.9	12.6	12.0
320-340	.6	4.9	6.7	3.8	1.7	.3						17.9	12.4	12.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	2.7	18.0	28.8	19.9	14.9	10.8	3.5	1.3	.3	.1		100.0	15.8	15.0

TOTAL NUMBER OF OBSERVATIONS 1943

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.6	2.1	.4								4.5	9.8	10.0	
020-040	.3	.6	.1									1.0	5.8	5.0	
050-070	.3	.2	.2	.3								1.1	9.5	9.0	
(E) 080-100	.1	1.1	1.1	.4	.1							2.9	10.7	10.5	
110-130	.6	1.7	2.7	2.3	1.4	.4	.1	.1				9.4	14.5	14.0	
140-160	.6	4.5	6.0	7.6	7.0	3.0	1.0	.3				30.0	17.0	17.0	
(S) 170-190	.9	3.7	1.2	.4	.3	.1						6.7	8.7	7.0	
200-220	.6	.7										1.2	5.4	5.0	
230-250	.4	2.2	1.1	.6	.2							4.6	9.3	8.0	
(W) 260-280	.4	2.5	3.6	1.3	1.2	.1						9.1	12.1	12.0	
290-310	.3	6.5	6.5	2.7	1.6	.1						17.6	11.7	10.0	
320-340	.4	3.2	3.6	1.2	.1	.2						8.8	10.8	10.0	
VARIABLE															
CALM	////////////////////////////////////										3.1	////////////////////////////////			
TOTALS	5.2	28.5	28.2	17.2	11.9	3.9	1.1	.4				100.0	12.5	12.0	
TOTAL NUMBER OF OBSERVATIONS 897															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	2.5	1.1	1.0	.1	.1						5.2	10.4	9.0
020-040	.4	.3	.1	.1								1.0	6.9	6.0
050-070	.4	.6	.1	.2	.2							1.6	9.6	6.0
(E) 080-100	.1	1.0	.8	.2	.1							2.2	10.0	9.5
110-130	.6	3.2	3.0	2.5	1.2	.9	.1					11.5	13.5	12.0
140-160	.6	3.6	6.8	5.5	4.8	3.5	1.8	.4	.2			27.1	17.6	17.0
(S) 170-190	1.1	2.9	1.3	.2	.1	.1						5.8	8.0	8.0
200-220	.3	.4										.8	4.9	5.0
230-250	.2	1.1	1.3	.6		.1						3.3	10.8	10.0
(W) 260-280	1.9	3.5	2.9	1.9	1.3							11.5	10.8	10.0
290-310	1.2	7.7	6.8	3.5	1.0							20.2	10.6	10.0
320-340	.9	2.5	2.8	.8	.1	.3						7.4	10.2	10.0
VARIABLE														
CALM	////////////////////											2.5	////////	
TOTALS	8.1	29.3	27.0	16.5	8.9	5.0	1.9	.4	.2			100.0	12.3	11.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.1	3.3	2.3	.8		.3						7.9	9.8	9.0
020-040	.4	1.0	.4									1.9	6.8	5.0
050-070	.1	.4	.3	.3								1.2	9.9	10.0
(E) 080-100	.1	.8	1.1	.9	.1							3.0	12.0	12.0
110-130	.8	2.8	2.6	2.2	1.2	.3	.1					10.0	12.8	12.0
140-160	.7	3.0	5.4	6.5	5.7	3.9	1.7	.9	.1			27.8	18.5	18.0
(S) 170-190	1.2	1.3	1.1	.3	.2							4.2	8.6	7.5
200-220	.2	.4	.2	.1								1.0	8.0	5.0
230-250	1.1	1.1	1.7	.3								4.2	8.6	8.5
(W) 260-280	1.7	2.6	3.3	2.8	.6	.1	.1					11.1	11.4	11.0
290-310	1.0	5.9	6.2	3.1	.7	.1						17.1	11.1	11.0
320-340	.8	1.8	3.0	1.7	.2	.2						7.7	11.5	10.0
VARIABLE														
CALM	////////////////////////////////////										2.8	////////////////////////////////		
TOTALS	9.2	24.4	27.6	19.0	8.7	4.9	1.9	.9	.1			100.0	12.7	12.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.7	2.3	2.8	.2	.1	.2	.1					6.5	10.3	10.0
020-040	.7	3.0	.7	.1								4.5	7.4	7.0
050-070	.9	2.8	.9	.3								4.9	7.6	6.0
(E) 080-100	.6	1.8	.8	1.0	.4							4.6	11.0	9.0
110-130	.3	2.9	2.2	1.8	1.0	1.2						9.5	14.0	13.0
140-160	.2	1.2	5.3	7.5	7.7	3.7	2.2	1.6				29.4	20.3	20.0
(S) 170-190		.7	1.3	1.2	.7	.1						4.0	14.5	14.5
200-220	.1		.1	.1								.3	9.7	10.0
230-250		.2	1.2	.2	.1							1.8	13.2	13.0
(W) 260-280	.1	1.0	3.1	2.2	1.7	.2	.1					8.5	15.0	14.5
290-310		3.7	6.3	3.7	.8							14.4	12.2	11.0
320-340	.4	2.0	5.5	2.3	.3	.2	.1					11.0	12.6	13.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////	
TOTALS	4.0	21.6	30.2	20.6	12.8	5.6	2.5	1.6				100.0	14.5	14.0
TOTAL NUMBER OF OBSERVATIONS 894														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.9	2.7	1.5	.1	.1						6.7	11.7	12.0
020-040	.3	3.4	.3	.5								4.5	8.1	8.0
050-070		3.3	.7	.5								4.4	8.4	7.0
(E) 080-100		.8	.7	1.4	.3							3.2	13.6	15.0
110-130	.5	1.7	2.1	2.0	2.0	.8	.1					9.3	15.5	15.0
140-160		.8	5.1	9.3	7.9	5.1	1.1	.7	.6			30.5	20.3	20.0
(S) 170-190		.3	1.1	1.6	1.7	.2	.1	.1				5.2	17.9	18.5
200-220		.2										.2	6.0	6.0
230-250	.1	.2	.6	.2								1.1	10.8	12.0
(W) 260-280		.7	2.4	2.4	1.7	.2	.1	.2				7.7	16.8	17.0
290-310		3.1	6.7	4.5	1.8							16.1	13.6	13.5
320-340	.1	2.0	3.5	3.7	.9	.6						10.9	14.1	14.0
VARIABLE														
CALM	////////////////////////////////////										.2	////////////////////////////////		
TOTALS	1.3	18.4	25.9	27.6	16.4	7.0	1.4	1.0	.6			100.0	15.7	15.0
TOTAL NUMBER OF OBSERVATIONS 884														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		3.0	2.3	2.3	.4							8.2	11.7	10.0
020-040	.2	3.6	1.3	.2	.1							5.5	8.4	8.0
050-070	.1	1.3	.2									1.7	6.6	6.0
(E) 080-100		1.0	.2	.9	.2	.3						2.7	14.3	16.0
110-130		1.2	2.9	1.8	1.7	.3	.1					8.1	15.5	14.0
140-160	.2	.7	5.4	9.3	8.7	3.4	1.1	.3	.2			29.3	19.3	19.0
(S) 170-190	.1	.3	1.2	2.7	1.5	.1	.1					6.0	16.9	17.0
200-220														
230-250		.1	.8	.3	.1							1.3	12.8	12.5
(W) 260-280	.1	1.0	1.8	3.0	2.0	.1						8.1	15.8	17.0
290-310	.3	1.5	6.0	5.1	1.5							14.4	13.7	14.0
320-340	.3	3.1	6.7	2.9	.7	.6						14.3	12.6	12.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	1.3	16.8	28.8	28.5	16.9	4.8	1.3	.3	.2			100.0	15.1	15.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.6	3.0	3.3	1.0	.1							8.0	10.0	10.0
020-040	.6	1.8	.3	.1								2.8	7.0	7.0
050-070	.2	.8	.1									1.1	5.9	5.0
(E) 080-100	.1	.3	.7	.6	.2							1.9	13.6	14.0
110-130	.3	2.3	2.1	3.0	.9		.2	.1				9.0	13.9	13.0
140-160	.1	2.4	7.7	8.4	6.2	3.3	.6	.3	.1			29.1	17.5	17.0
(S) 170-190	.2	1.8	2.7	1.5	.6	.1	.1					7.0	12.5	11.0
200-220		.3										.3	5.7	6.0
230-250		1.1	.7	.5	.3							2.6	11.7	10.0
(W) 260-280	.5	1.7	3.3	1.8	1.5	.1						8.8	13.2	12.0
290-310	.8	3.9	6.8	3.7	1.2	.1						16.6	12.2	12.0
320-340	.5	2.9	5.0	1.8	.6	.2						10.9	11.6	11.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////////////////////////////	
TOTALS	3.9	22.3	32.7	22.4	11.6	3.8	.9	.4	.1			100.0	13.3	13.0
TOTAL NUMBER OF OBSERVATIONS 888														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME COLD BAY, ALASKA
LST TO UTC: + 7

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	2.4	2.4	1.2	.2	.1	.0					6.8	10.9	10.0
020-040	.4	2.0	.7	.2	.0							3.3	8.0	8.0
050-070	.3	1.3	.4	.2	.0							2.3	8.2	7.0
(E) 080-100	.1	1.0	.7	.8	.3	.0						2.9	12.3	12.0
110-130	.4	2.1	2.5	2.4	1.4	.6	.1	.0				9.5	14.0	14.0
140-160	.3	2.1	5.7	8.0	7.2	3.7	1.4	.7	.2			29.3	18.8	18.0
(S) 170-190	.4	1.4	1.4	1.2	.8	.1	.1	.0				5.5	13.0	12.0
200-220	.2	.3	.0	.0								.5	6.3	5.0
230-250	.3	.8	.9	.4	.1	.0						2.5	10.5	10.0
(W) 260-280	.6	1.8	2.8	2.2	1.5	.1	.0	.0				9.2	13.5	13.0
290-310	.5	4.4	6.3	3.9	1.3	.1						16.4	12.3	12.0
320-340	.4	2.5	4.3	2.3	.5	.4	.0					10.4	12.3	12.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	4.3	22.1	28.1	22.8	13.3	5.1	1.6	.7	.2			100.0	14.0	13.0
TOTAL NUMBER OF OBSERVATIONS 7140														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.9	2.2	1.1	.1	.3	.0					5.9	11.6	11.0
020-040	.2	1.0	.0	.0								1.3	7.0	7.0
050-070	.0	.3										.3	5.9	6.0
(E) 080-100	.0	.3	.3									.6	7.9	8.0
110-130	.2	.6	.9	.7	1.2	.4	.0					4.0	16.1	16.0
140-160		.8	2.3	4.7	7.0	4.9	2.4	1.3	.5			24.0	22.7	22.0
(S) 170-190	.2	.7	.3	.3	.5		.1					2.0	13.7	10.0
200-220	.0		.0	.0								.1	10.7	10.0
230-250	.0	.3	.9	.6	.3	.0						2.2	13.9	14.0
(W) 260-280	.1	2.1	4.9	5.2	3.8	.4	.1	.1				16.8	15.7	16.0
290-310	.4	5.0	11.2	8.5	2.9	.1						28.0	13.4	13.0
320-340	.2	2.9	5.1	3.8	1.1	1.1	.0					14.3	14.0	13.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	1.6	15.9	28.1	24.9	16.9	7.2	2.6	1.4	.5			100.0	15.9	15.0

TOTAL NUMBER OF OBSERVATIONS 2375

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.9	.9	.4	.1							3.6	9.1	7.0
020-040	.1	.6										.8	6.1	6.0
050-070	.4	.3	.1	.1								1.0	7.1	6.0
(E) 080-100	.4	.4	.1	.1								1.1	6.5	5.5
110-130	.6	2.4	2.2	1.7	.5		.4					7.9	12.4	10.0
140-160	.3	3.3	5.3	9.6	7.3	2.3	1.4		.2			29.8	17.6	18.0
(S) 170-190	.8	1.9	1.0	1.2	.8							5.6	11.3	10.0
200-220	.4	.4										.9	5.1	5.0
230-250	.2	.3	1.0	.3	.1	.1	.1					2.2	12.9	12.0
(W) 260-280	.9	3.0	6.0	3.3	1.3	.1						14.7	12.5	12.5
290-310	1.1	8.6	7.7	3.0	.5							21.0	10.2	10.0
320-340	.4	4.9	3.3	.4								9.1	8.9	8.0
VARIABLE														
CALM	////////////////////////////////////											2.6	////////////////////////////////	
TOTALS	5.8	28.0	27.6	20.1	10.6	2.5	1.9		.2			100.0	12.5	12.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.5	1.7	.5	.7								3.5	8.5	7.0
020-040	.5	.4										1.0	4.9	4.0
050-070	.3	.4		.1								.9	6.3	5.0
(E) 080-100	.2	.9	.1	.3		.1						1.6	9.6	8.0
110-130	.4	1.3	.9	2.2	.8	.2						5.7	14.1	15.0
140-160	.4	3.7	7.2	8.0	7.3	3.1	1.0	.2				30.9	17.2	17.0
(S) 170-190	.9	1.1	.3	.4	.1	.1						2.9	8.4	6.0
200-220	.3	.5										.9	5.5	5.5
230-250	.5	1.2	1.0	.5	.2	.2						3.7	11.4	10.5
(W) 260-280	.8	2.8	5.6	4.8	.7	.1						14.7	12.7	13.0
290-310	1.0	9.4	8.6	2.5	.5							22.0	10.0	10.0
320-340	.2	4.8	2.9	.8	.2							8.9	9.5	9.0
VARIABLE														
CALM	////////////////////											3.4	////////	
TOTALS	6.0	28.2	27.1	20.3	9.8	3.8	1.0	.2				100.0	12.3	12.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	2.4	.3	.2								3.3	7.4	7.0
020-040	.6	1.1										1.7	5.4	5.0
050-070	.2	.4	.2									.9	6.6	5.0
(E) 080-100	.6	.4	.2	.2	.2	.1						1.8	9.9	7.0
110-130	.5	1.8	1.7	2.4	1.5	.4						8.4	13.8	15.0
140-160	.9	3.0	5.0	8.7	6.0	2.4	1.6	.1				27.7	17.4	17.0
(S) 170-190	.4	1.5	1.1	.5	.2							3.8	10.0	9.0
200-220	.5	.3										.9	4.8	4.0
230-250	.2	1.0	.9	.6	.3							3.0	11.8	11.0
(W) 260-280	.5	2.5	6.4	4.4	1.6							15.4	13.3	13.0
290-310	.6	8.0	8.3	2.8	.4							20.2	10.6	10.0
320-340	.9	4.9	3.6	.8								10.0	9.2	8.0
VARIABLE														
CALM	////////////////////////////////////											2.8	////////////////////////////////	
TOTALS	6.3	27.3	27.7	20.6	10.2	2.9	1.6	.1				100.0	12.4	12.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.7	.8									3.8	7.5	7.0
020-040	.3	2.0	.3									2.6	7.0	7.0
050-070	.4	2.0	.3			.2						2.9	7.6	6.0
(E) 080-100	.4	1.3		.2		.1						2.1	7.9	7.0
110-130	.3	1.6	2.3	2.7	.8	.7						8.4	14.4	14.0
140-160	.4	1.1	4.8	9.1	7.3	3.8	2.1	.3	.1			29.0	19.4	19.0
(S) 170-190	.1	.7	.5	.9	1.0	.1						3.3	15.6	18.0
200-220	.1											.1	2.0	2.0
230-250		.1	.9	.3	.3	.2						1.8	16.0	14.0
(W) 260-280	.5	.8	5.6	5.1	2.1	.1						14.2	14.7	15.0
290-310	.4	4.3	11.6	4.7	.8							21.8	12.1	12.0
320-340	.2	3.4	3.3	1.8	.1							8.8	11.1	12.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	3.4	20.0	30.4	24.8	12.4	5.2	2.1	.3	.1			100.0	14.2	14.0
TOTAL NUMBER OF OBSERVATIONS 922														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	40-49	50-64	GE 65			
(N) 350-010	.2	2.2	1.2	.3								3.9	8.9	8.0
020-040		1.7	.5									2.3	8.2	8.0
050-070	.3	2.1	.1	.1								2.6	6.8	7.0
(E) 080-100	.2	1.6	.4	.4	.2	.1						3.0	10.6	8.0
110-130		1.8	2.4	2.2	1.2	.9	.1					8.6	15.0	15.0
140-160		1.3	5.0	8.7	8.8	4.7	2.0	.3				30.7	19.8	20.0
(S) 170-190	.1	.2	.5	1.0	.8	.3						2.9	17.6	18.0
200-220														
230-250	.2	.3	.3	.1	.4	.2						1.6	14.2	12.0
(W) 260-280		.7	3.6	6.0	2.5	.7						13.3	16.6	17.0
290-310	.1	3.6	8.9	7.2	1.8							21.6	13.5	14.0
320-340	.2	3.3	3.7	1.7	.2							9.1	11.2	11.5
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	1.3	18.8	26.6	27.7	15.9	6.9	2.1	.3				100.0	15.3	15.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.7	1.5	.8								4.1	10.4	10.0
020-040	.1	1.7	.8									2.6	7.9	8.0
050-070		1.4	.1									1.5	7.4	7.5
(E) 080-100	.1	1.1	.3	.1								1.6	8.1	8.0
110-130		1.2	2.7	2.4	1.6	.8						8.7	15.6	15.0
140-160	.1	.9	4.7	8.0	9.9	4.9	1.6	.2	.1			30.4	20.0	20.0
(S) 170-190		.3	1.3	2.0	1.0	.2						4.8	16.5	15.5
200-220			.1									.1	10.0	10.0
230-250		.1	.2	.2	.4	.4						1.4	20.2	20.0
(W) 260-280		.4	2.5	6.0	2.2	.4						11.6	16.8	17.0
290-310	.2	3.3	10.3	7.7	1.7							23.2	13.4	13.0
320-340	.2	2.3	5.0	1.5	.3							9.4	11.6	11.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	.8	14.4	29.5	28.7	17.1	6.7	1.6	.2	.1			100.0	15.6	15.0
TOTAL NUMBER OF OBSERVATIONS 917														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		2.4	1.7	.3	.1							4.6	9.9	9.0
020-040	.3	2.6	.4	.1								3.5	7.3	7.0
050-070	.1	.5	.3									1.0	6.9	6.0
(E) 080-100	.1	.8	.5	.1								1.5	9.3	8.0
110-130	.4	1.1	2.1	1.8	1.2	.3						7.0	14.3	13.5
140-160		1.0	5.2	9.6	9.8	4.5	1.3	.4				31.7	19.7	20.0
(S) 170-190	.1	.3	1.3	2.0	.8							4.5	15.3	15.0
200-220		.1										.1	8.0	8.0
230-250			.1	.3	.1	.1	.2					.9	21.5	19.0
(W) 260-280	.3	.7	2.8	3.8	2.1	.2						9.9	15.4	16.0
290-310	.4	3.9	12.0	7.0	1.3							24.6	13.1	13.0
320-340	.3	2.9	5.5	.9	.5							10.2	10.9	10.0
VARIABLE														
CALM	////////////////////											.7	////////	
TOTALS	2.0	16.3	31.9	25.9	15.9	5.1	1.5	.4				100.0	14.9	14.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.9	3.8	.5	.4								5.7	7.8	8.0
020-040	.3	1.0										1.3	5.8	5.5
050-070	.3	.9										1.2	5.4	6.0
(E) 080-100	.5	.3	.2	.1			.1					1.3	8.8	6.0
110-130	.3	2.6	1.8	1.2	.9	.3						7.2	12.5	12.0
140-160	.1	1.2	6.5	9.9	8.8	3.5	1.3	.1				31.4	18.6	19.0
(S) 170-190	.2	1.0	1.1	1.4	.3							4.0	12.5	14.0
200-220		.2										.2	7.0	7.0
20-250	.2	.2	.2	.2	.4							1.3	13.1	13.5
(W) 260-280	.3	1.6	4.5	3.6	1.6							11.6	13.9	14.0
290-310	.5	8.4	10.1	3.2	.3							22.5	10.7	10.0
320-340	.7	5.7	4.1	.3	.1							10.9	9.1	9.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	4.3	26.9	29.0	20.3	12.4	3.9	1.3	.1				100.0	13.1	13.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	2.4	.9	.4	.0							4.1	8.7	8.0
020-040	.3	1.4	.3	.0								2.0	6.9	7.0
050-070	.3	1.0	.1	.0		.0						1.5	6.9	6.0
(E) 080-100	.3	.9	.2	.2	.1	.1						1.8	9.1	7.0
110-130	.3	1.7	2.0	2.1	1.1	.4	.1					7.7	14.0	14.0
140-160	.3	1.9	5.4	8.9	8.1	3.6	1.5	.2	.1			30.2	18.7	19.0
(S) 170-190	.3	.9	.9	1.2	.6	.1						4.0	13.4	14.0
200-220	.2	.2	.0									.4	5.4	5.0
230-250	.2	.4	.6	.3	.3	.2	.0					2.0	14.0	13.0
(W) 260-280	.4	1.6	4.6	4.6	1.7	.2						13.2	14.3	14.0
290-310	.6	6.2	9.7	4.7	.9							22.1	11.8	12.0
320-340	.4	4.0	3.9	1.0	.2							9.5	10.2	10.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	3.9	22.6	28.6	23.4	13.0	4.6	1.6	.2	.1			100.0	13.8	13.0
TOTAL NUMBER OF OBSERVATIONS 7377														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.3	2.4	.8	.4	.0							3.9	8.5	8.0
020-040	.2	1.3	.1									1.6	6.9	7.0
050-070	.2	.6	.0									.9	5.5	5.0
(E) 080-100	.4	.4	.1			.0						1.0	5.8	5.0
110-130	.3	1.1	.6	1.0	.4	.2	.0					3.7	12.9	12.5
140-160	.3	1.2	2.4	4.8	6.5	3.7	2.1	.2				21.1	20.5	20.0
(S) 170-190	.3	.2	.4	.3	.3	.1						1.5	13.2	13.0
200-220	.1	.1										.3	4.4	4.0
230-250	.1	.3	.8	.5	.5	.3	.1					2.6	15.8	15.0
(W) 260-280	.3	1.9	7.1	7.6	2.8	.4						20.2	14.9	15.0
290-310	.5	7.5	13.6	7.3	1.3							30.3	12.1	12.0
320-340	.4	4.8	4.6	1.5	.2							11.5	10.3	10.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	3.4	21.8	30.5	23.4	12.0	4.7	2.2	.2				100.0	13.8	13.0

TOTAL NUMBER OF OBSERVATIONS 3560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.6	1.7	1.6	.5	.1							4.6	9.0	9.0
020-040	.3	.5	.3									1.2	7.4	6.0
050-070	.1	.3		.1								.5	7.2	5.0
(E) 080-100	.2	.3	.2	.6	.2	.2						1.8	14.2	16.0
110-130	.5	1.7	.9	1.3	1.3	.4						6.1	13.7	13.0
140-160	.8	2.8	5.4	4.6	6.2	3.8	1.6	.5	.2	.1		26.0	18.6	18.5
(S) 170-190	1.1	1.3	.9	.3	.2		.1					3.9	9.1	6.0
200-220	.4	.8			.1							1.3	7.1	5.5
230-250	1.2	1.6	1.7	1.4	1.2							7.1	12.1	11.5
(W) 260-280	.6	3.7	5.7	5.3	2.8	.4	.2					18.7	14.1	14.0
290-310	1.8	6.9	5.3	2.5	.3							16.8	9.6	9.0
320-340	.2	4.3	2.8	.2	.1	.3						8.0	9.9	9.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	7.8	25.9	24.8	16.8	12.5	5.1	1.9	.5	.2	.1		100.0	12.8	12.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.9	1.5	2.2									4.5	8.6	9.0
020-040		.8	.4	.1								1.3	8.9	8.0
050-070	.5	.5			.1	.1						1.3	8.0	5.5
(E) 080-100	.5	.9	.1	.2	.2	.1						2.0	9.8	8.0
110-130	.2	1.5	1.1	1.5	1.5	.6	.1					6.6	15.5	16.0
140-160	1.0	3.1	5.9	5.9	5.3	3.9	1.4	.3		.2		27.0	17.8	17.0
(S) 170-190	.9	1.8	.3	.1	.8	.4						4.3	10.9	7.0
200-220	.6	1.0	.1									1.7	5.9	5.5
230-250	.5	1.6	1.7	.9	1.1		.3	.1				6.2	13.5	11.0
(W) 260-280	.6	4.3	4.4	5.2	2.0	.1	.1	.1				16.9	13.3	13.0
290-310	.8	6.4	5.1	2.6	.8	.1						15.6	10.9	10.0
320-340	.5	4.2	3.0	.8	.1							8.6	9.3	8.0
VARIABLE														
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	7.0	27.6	24.3	17.3	11.9	5.3	1.9	.		.2		100.0	12.8	12.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	2.3	1.9	.3	.1							4.8	9.4	9.5
020-040	.4	.8	.2	.1								1.5	7.5	7.0
050-070	.4	.2										.6	4.0	4.0
(E) 080-100		.4		.4	.2							1.1	14.2	17.0
110-130	1.1	1.6	1.4	1.4	.9	.5	.2					7.1	13.0	12.0
140-160	.8	2.4	7.0	5.7	5.9	2.7	1.2					25.7	17.0	16.0
(S) 170-190	1.0	2.4	.8	.5	.4		.1					5.2	9.9	8.0
200-220	.8	1.0	.3	.1	.2							2.4	8.3	6.0
230-250	.6	1.1	2.8	1.4	.2	.1	.2	.3				6.8	14.0	12.0
(W) 260-280	.5	2.6	5.1	6.4	1.1	.1	.1					15.9	13.7	14.0
290-310	1.4	5.9	7.2	2.9	.9	.2						18.6	10.9	10.0
320-340	1.0	3.9	2.7	.3	.1							8.0	8.5	8.0
VARIABLE														
CALM	////////////////////////////////////										2.4	////////////////////////////////		
TOTALS	8.1	24.6	29.4	19.5	10.1	3.6	1.8	.3				100.0	12.6	12.0
TOTAL NUMBER OF OBSERVATIONS 926														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	2.0	2.4	.8								5.5	9.9	10.0
020-040	.7	1.4	.7	.2								2.9	7.6	7.0
050-070	.4	.8	.1									1.3	6.1	6.0
(E) 080-100	.4	1.6	.4	.2	.3							3.0	9.4	7.0
110-130	.2	2.0	1.5	1.2	.9	.2	.1					6.1	13.2	12.0
140-160	.3	2.4	4.7	6.6	7.8	3.7	1.7	.7				27.9	19.1	19.0
(S) 170-190	.1	.5	1.2	.9	.9	.1						3.7	14.8	15.0
200-220	.1	.1	.1	.4								.8	12.7	10.0
230-250	.4	.4	1.4	1.6	.8	.2	.2	.1				5.2	16.1	15.5
(W) 260-280	.4	1.7	6.0	7.9	1.8	.8	.2					18.9	15.2	15.0
290-310	.8	4.1	7.2	4.1	.9	.2						17.3	12.2	12.0
320-340	.8	2.4	2.4	.9								6.4	9.2	10.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	5.0	19.4	28.1	24.8	13.4	5.2	2.2	.8				100.0	14.3	14.0
TOTAL NUMBER OF OBSERVATIONS 921														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.7	1.4	1.6	1.2	.2							5.1	10.7	10.0
020-040	.2	2.3	.9	.2								3.6	8.4	7.0
050-070	.3	1.7	.1	.1								2.3	7.0	6.0
(E) 080-100	.1	1.2	.1	.3	.2	.1						2.1	10.7	8.0
110-130	.2	1.7	2.3	1.3	.4	.7						6.6	13.6	13.0
140-160	.2	1.3	3.6	6.8	9.0	5.4	1.4	.5	.2			28.5	20.5	20.0
(S) 170-190			.3	1.5	.9	.4		.1				3.3	19.7	19.0
200-220		.1	.1	.2								.4	13.0	15.0
230-250	.1		.8	2.0	1.1	.7	.3		.2			5.1	20.3	18.0
(W) 260-280	.1	1.0	4.3	8.7	3.3	.7	.3					18.3	16.6	17.0
290-310		2.7	8.2	4.4	2.1	.3						17.8	13.8	13.0
320-340	.4	1.1	3.1	1.4	.8							6.8	12.7	12.0
VARIABLE														
CALM	////////////////////////////////////											.2	////////////////////////////////	
TOTALS	2.3	14.5	25.4	28.1	18.0	8.3	2.0	.6	.4			100.0	16.1	16.0
TOTAL NUMBER OF OBSERVATIONS 923														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

PERIOD 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	.4	1.5	2.4	1.2	.1							5.6	11.1	10.5
020-040	.3	1.3	.6	.1	.1							2.5	8.9	8.0
050-070	.2	1.3	.3		.1							1.9	8.4	8.0
(E) 080-100		.8	.3	.2	.2	.3						1.8	13.8	13.0
110-130		1.6	1.5	1.4	.6	.2	.2					5.6	14.2	13.0
140-160	.1	.8	4.0	6.2	7.5	4.7	2.6	.3				26.1	20.8	21.0
(S) 170-190		.4	.6	2.2	1.3	.2	.1					4.9	17.4	17.0
200-220			.1	.1								.2	15.5	15.5
230-250	.1	.4	.4	.9	.1	.2		.1	.1			2.4	17.0	16.0
(W) 260-280		1.0	5.5	6.4	4.4	1.1	.3	.1	.1			18.9	17.4	17.0
290-310		2.4	9.6	6.4	1.4	.4						20.2	13.8	14.0
320-340	.2	2.2	3.9	2.3	.8	.1						9.4	12.7	12.0
VARIABLE														
CALM	////////////////////											.3	////////////////	
TOTALS	1.3	13.7	29.2	27.4	16.6	7.2	3.2	.5	.2			100.0	16.1	15.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		2.0	2.8	.6	.2							5.7	10.8	11.0
020-040	.2	2.0	.2									2.5	7.1	7.0
050-070	.2	1.0	.2	.2								1.6	8.3	6.0
(E) 080-100	.2	.8	.4	.2	.3							1.9	10.8	9.0
110-130	.2	1.4	1.3	1.3	1.1	.3	.2					5.8	14.7	14.5
140-160		.3	3.4	6.4	7.6	4.3	1.9	.3	.1			24.4	21.0	20.0
(S) 170-190	.1	.6	1.0	.6	.6	.1						3.1	14.4	14.0
200-220	.1	.1		.1								.3	8.7	5.0
230-250		.4	1.1	1.1	.5	.1	.1	.1				3.4	15.9	15.0
(W) 260-280	.1	1.6	5.7	7.2	2.9	.5						18.1	15.3	15.0
290-310	.4	5.2	9.9	4.7	1.3	.4						22.0	12.4	12.0
320-340	.2	3.0	5.0	2.3	.3							10.8	11.5	11.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	1.7	18.4	31.0	24.7	14.8	5.7	2.2	.4	.1			100.0	14.9	14.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		1.8	2.4	.2								4.4	10.2	11.0
020-040	.8	.9										1.6	5.0	5.0
050-070	1.1	.9	.4									2.4	6.2	5.0
(E) 080-100	.2	.9	.3	.3	.2							1.9	10.1	8.0
110-130	.2	1.3	.9	1.3	1.2	.3						5.2	14.6	15.5
140-160	.3	3.0	4.1	4.7	5.9	3.0	1.9	.5	.4			24.0	19.1	19.0
(S) 170-190	.4	1.2	1.6	.6	.2	.2	.1					4.4	12.0	10.0
200-220	.5	.3	.1	.1								1.1	7.0	4.5
230-250		.8	1.6	1.2	.4	.1						4.1	13.9	14.0
(W) 260-280	.9	3.1	5.4	6.1	2.6		.1					18.2	14.0	14.0
290-310	1.1	6.8	8.4	2.8	.4							19.5	10.5	10.0
320-340	1.5	5.5	4.1	.6		.3						12.1	9.2	8.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	7.0	26.5	29.3	17.9	10.9	3.9	2.1	.5	.4			100.0	13.1	12.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.8	2.2	.6	.1							5.0	10.0	10.0
020-040	.4	1.2	.4	.1	.0							2.1	7.7	7.0
050-070	.4	.8	.1	.1	.0	.0						1.5	7.1	6.0
(E) 080-100	.2	.9	.2	.3	.2	.1						2.0	11.3	8.0
110-130	.3	1.6	1.3	1.3	1.0	.4	.1					6.1	14.1	14.0
140-160	.4	2.0	4.8	5.9	6.9	3.9	1.7	.4	.1	.0		26.2	19.2	20.0
(S) 170-190	.4	1.0	.8	.9	.7	.2	.1	.0				4.1	13.3	12.0
200-220	.3	.4	.1	.1	.0							1.0	8.3	6.0
230-250	.4	.8	1.4	1.3	.7	.2	.1	.1	.0			5.0	15.0	14.0
(W) 260-280	.4	2.4	5.3	6.6	2.6	.5	.2	.0	.0			18.0	15.0	15.0
290-310	.8	5.0	7.6	3.8	1.0	.2						18.5	11.8	11.0
320-340	.6	3.3	3.4	1.1	.3	.1						8.8	10.4	10.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	5.0	21.2	27.6	22.1	13.5	5.6	2.2	.5	.1			100.0	14.1	14.0

TOTAL NUMBER OF OBSERVATIONS 7409

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND	
(N) 350-010		.4	1.8	2.5	.2	.1							4.9	9.4	10.0
020-040		.3	.6	.1									1.0	6.1	6.0
050-070		.3	.5	.0									.8	5.4	5.0
(E) 080-100		.2	.5										.8	5.4	6.0
110-130		.2	1.0	.7	.9	.9	.5	.1					4.2	15.5	15.0
140-160		.3	.9	2.3	3.8	7.1	4.5	2.2	.5	.2	.1		22.0	21.7	22.0
(S) 170-190		.4	.4	.2	.2	.2	.1	.1					1.5	11.5	9.0
200-220		.2	.3	.0									.5	5.3	5.0
230-250		.2	.4	1.3	1.6	.8	.2	.1					4.5	15.6	16.0
(W) 260-280		.4	2.6	7.2	10.9	4.2	.5	.1					25.9	15.4	16.0
290-310		.7	5.9	10.1	5.4	.6	.1						22.8	11.8	11.0
320-340		.5	3.7	4.3	1.0	.0							9.5	9.9	10.0
VARIABLE															
CALM		////////////////////////////////////										1.4	////////////////////////////////		
TOTALS		4.1	18.6	28.7	24.0	13.9	5.9	2.6	.5	.2	.1		100.0	14.6	14.0

TOTAL NUMBER OF OBSERVATIONS 3331

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.3	1.8	1.6	.3							5.2	12.1	12.0
020-040	.4	1.0	.3	.4								2.2	8.9	7.5
050-070	.3	.3	.2				.1					1.0	8.8	6.0
(E) 080-100	.3	.4				.1	.1					1.0	10.8	5.0
110-130	.4	1.8	2.1	1.3	.1	.2	.1					6.1	11.8	11.0
140-160	.2	2.4	4.6	6.1	5.0	4.6	1.8	.3	.2			25.3	19.2	19.0
(S) 170-190	.7	2.7	1.2	.8	.9	.1	.1	.1				6.6	11.8	9.0
200-220	.1	.6	.3	.1	.1							1.2	9.2	7.0
230-250	1.2	2.1	3.0	2.1	1.6		.4					10.5	13.1	13.0
(W) 260-280	.7	2.6	3.9	2.4	1.7	.3						11.6	12.9	12.0
290-310	1.1	4.3	4.5	3.2	1.0	.2	.2					14.6	11.9	11.0
320-340	.4	2.3	5.0	3.3	1.0	.6						12.7	13.2	13.0
VARIABLE														
CALM	////////////////////////////////////											2.0	////////////////////////////////	
TOTALS	6.0	21.8	26.9	21.3	11.7	6.1	2.8	.4	.2			100.0	13.8	13.0
TOTAL NUMBER OF OBSERVATIONS 898														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.6	2.2	.8	.1							5.0	10.9	11.0
020-040		.9	.6	.1	.3							1.9	11.4	10.0
050-070	.3	.2	.1									.7	5.7	4.5
(E) 080-100		.4	.2			.1						.8	10.6	7.0
110-130	.6	1.7	2.2	1.2	.7	.3						6.7	12.5	12.0
140-160	1.0	3.2	4.5	4.7	6.0	2.2	1.5	.9	.4			24.5	18.2	18.0
(S) 170-190	.7	1.9	.4	.9	.7	.2	.1		.1	.1		5.1	13.8	9.5
200-220	.2	1.7	.3	.2	.2	.1						2.8	9.4	7.0
230-250	.9	2.5	2.3	2.3	1.2	.1	.2		.2	.1		10.0	14.0	12.0
(W) 260-280	.8	3.4	3.8	2.0	1.5	.4						11.9	12.5	12.0
290-310	1.0	5.3	4.6	3.8	1.1	.4						16.2	12.0	12.0
320-340	.2	2.3	5.4	3.1	1.0	.8						12.9	13.6	12.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	6.0	25.1	26.6	19.1	12.8	4.6	1.8	.9	.7	.2		100.0	13.7	12.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.0	1.6	1.2	.3							4.6	12.1	12.0
020-040	.1	.8	.3	.6	.2							2.0	11.9	10.5
050-070	.3	.3	.1	.1								.9	7.9	7.5
(E) 080-100		.3		.1		.1		.2				.8	19.6	19.0
110-130	.3	1.7	1.0	1.2	1.1	.2	.1					5.7	13.7	13.0
140-160	.3	4.1	5.5	4.7	3.6	3.1	.8	.3				22.4	16.5	15.0
(S) 170-190	.4	1.8	.9	.9	.8	.2	.3	.1		.3		5.8	16.3	14.0
200-220	.4	.6	.6									1.6	7.8	7.5
230-250	.7	2.8	2.9	2.1	1.6		.4	.1	.3			10.9	14.7	14.0
(W) 260-280	.6	3.7	5.0	3.1	1.3	.3						14.1	12.5	12.0
290-310	.7	5.0	6.5	3.0	1.0							16.2	11.5	11.0
320-340	.3	2.0	5.2	2.1	2.1	.3						12.2	13.9	12.0
VARIABLE														
CALM	////////////////////////////////////											2.9	////////////////////////////////	
TOTALS	4.5	24.1	29.6	19.1	12.0	4.2	1.6	.7	.3	.3		100.0	13.5	13.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.3	2.3	1.5	1.0	.2						6.7	13.2	12.0
020-040	.1	.8	.8	.4	.4	.1						2.7	13.5	13.0
050-070	.4	.9					.3					1.7	10.2	6.0
(E) 080-100	.3	1.2	.4	.2		.2						2.5	9.6	8.0
110-130	1.0	2.7	1.7	.6	1.7	.6	.1					8.3	12.7	10.5
140-160	.6	2.2	3.7	4.7	5.5	2.0	.9	.3				19.9	17.8	18.0
(S) 170-190	.4	.7	1.2	1.7	1.6	.3		.1		.1		6.1	16.5	16.0
200-220	.2	.6	.2	.1	.1	.2						1.5	12.3	9.0
230-250	.2	.7	2.8	2.0	.9		.1	.1				6.8	14.7	14.0
(W) 260-280	.4	2.9	4.9	5.7	2.2	.6	.1		.3			17.2	14.9	15.0
290-310	.4	2.6	4.4	4.0	2.1							13.5	13.6	14.0
320-340	.2	1.6	3.6	4.2	2.1	.2						11.9	14.9	15.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	4.5	18.2	26.0	25.1	17.6	4.4	1.5	.5	.3	.1		100.0	14.6	15.0
TOTAL NUMBER OF OBSERVATIONS 896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		1.1	1.5	2.8	1.0	.2	.1					6.7	15.6	16.0
020-040	.3	1.2	.6	.6	.6	.2						3.5	12.4	12.0
050-070	.1	1.8	.3	.1								2.4	7.3	6.0
(E) 080-100	.3	1.6	.2	.2		.3	.1					2.8	11.2	8.0
110-130	.2	1.5	2.5	1.5	.9	1.2	.3					8.1	15.7	14.0
140-160	.3	.6	4.7	5.6	5.4	3.5	1.0	.6	.2			21.8	19.8	19.0
(S) 170-190		.2	1.0	1.1	2.5	.7	.1					5.6	19.1	20.0
200-220		.2	.3	.3	.2	.1		.1				1.3	17.0	17.0
230-250	.1	.3	.9	1.5	1.1	.1						4.0	16.1	16.0
(W) 260-280		.9	4.3	7.1	2.4	1.0	.3	.3				16.2	16.9	16.0
290-310		1.6	3.4	6.0	2.8	.1						13.9	15.6	16.0
320-340	.1	.9	4.1	3.7	3.5	.7	.1					13.1	16.6	17.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	1.4	11.9	23.8	30.5	20.4	8.1	2.0	1.0	.2			100.0	16.6	16.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.1	1.6	4.2	1.3	.3						8.7	15.6	17.0
020-040		1.4	.4	.7	.4	.2						3.2	13.1	12.0
050-070	.1	1.6			.1	.1						1.9	8.5	6.0
(E) 080-100	.2	.9	.2	.2	.1	.1	.1	.1				2.0	13.1	8.0
110-130	.2	1.7	2.5	2.0	.7	.8		.4				8.2	15.3	14.0
140-160		.3	3.5	5.9	7.0	3.9	1.8	.4	.1			23.0	20.7	20.5
(S) 170-190	.1	.3	1.0	.7	1.8	.7	.2	.2	.1			5.4	19.8	20.5
200-220	.2		.2	.2	.3	.1						1.1	16.2	17.5
230-250	.1	.2	.9	1.0	1.4	.2						3.9	17.1	19.0
(W) 260-280	.1	.6	4.0	5.5	2.6	.8	.2	.3				14.0	17.4	17.0
290-310	.1	1.9	5.4	4.5	2.7	.4						14.9	15.1	15.0
320-340	.1	1.2	4.1	2.8	4.0	.9	.1					13.3	16.8	16.0
VARIABLE														
CALM	////////////////////											.3	////////	
TOTALS	1.3	11.2	23.8	27.9	22.4	8.5	2.4	1.4	.2			100.0	17.1	17.0
TOTAL NUMBER OF OBSERVATIONS 897														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.8	2.2	3.5	1.6	.3						9.6	14.4	15.0
020-040	.1	.7	.9	.7	.1							2.5	11.2	10.0
050-070	.2	.8	.2									1.2	6.8	6.0
(E) 080-100	.1	.7	.6	.2		.2	.3					2.1	15.7	12.0
110-130	.3	2.6	1.2	.9	.9	.3	.2	.2	.1			6.8	14.3	10.0
140-160	.3	2.7	3.9	6.4	6.6	4.0	2.5	.6				26.9	19.3	20.0
(S) 170-190		1.0	.8	.7	.8	.4	.1	.1	.1		.1	4.1	18.2	16.0
200-220		.3	.1	.1								.6	9.0	8.0
230-250		.2	1.3	.3	.4	.9						3.2	17.2	15.0
(W) 260-280		1.0	5.1	6.1	1.7	.4	.6					15.0	15.9	15.5
290-310	.6	3.9	5.4	3.8	1.8	.4						15.9	13.3	13.0
320-340	.1	1.8	3.9	2.9	1.9	.9						11.5	15.1	14.0
VARIABLE														
CALM	////////////////////////////////////											.6	////////////////////////////////	
TOTALS	1.9	17.5	25.6	25.6	15.8	7.8	3.7	.9	.2		.1	100.0	15.8	15.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.1	1.3	3.0	1.7	.4	.2						6.8	13.2	14.0
020-040	.3	.3	.2	.3	.1							1.3	10.0	8.5
050-070	.2	.3	.1			.1		.1				.9	12.6	7.0
(E) 080-100		.9	.1				.1					1.1	9.3	7.5
110-130	.7	2.5	2.1	.9	.8	.1	.2	.1				7.4	12.3	11.0
140-160	.2	3.1	4.7	4.4	6.5	5.4	.7	.6				25.4	18.8	20.0
(S) 170-190	.6	1.6	1.0	1.0	.8	.4	.3					5.7	14.4	14.0
200-220	.1	.7	.7	.1								1.6	9.9	9.5
230-250	.6	1.6	2.7	1.5	.9	.4	.1					7.7	13.6	12.0
(W) 260-280	.2	3.3	4.5	2.8	1.5	.6	.1					12.9	13.2	13.0
290-310	.9	5.2	4.6	2.7	.8	.2	.1					14.5	11.3	11.0
320-340	.2	2.6	4.1	3.3	1.5	.7						12.4	13.8	14.0
VARIABLE														
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	4.1	23.4	27.8	18.7	13.3	8.1	1.6	.8				100.0	14.0	13.0
TOTAL NUMBER OF OBSERVATIONS 896														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	.2	1.3	2.0	2.1	.8	.2	.0					6.7	13.7	14.0
020-040	.2	.9	.5	.5	.3	.1						2.4	11.8	10.0
050-070	.3	.8	.1	.0	.0	.0	.1	.0				1.3	8.5	6.0
(E) 080-100	.2	.8	.2	.1	.0	.2	.1	.0				1.6	12.2	8.0
110-130	.5	2.0	1.9	1.2	.9	.5	.1	.1	.0			7.7	13.6	12.0
140-160	.4	2.3	4.4	5.3	5.7	3.6	1.4	.5	.1			23.7	18.8	19.0
(S) 170-190	.4	1.3	.9	1.0	1.2	.4	.2	.1	.0	.1	.0	5.6	16.1	15.0
200-220	.2	.6	.3	.2	.1	.1		.0				1.5	11.1	9.0
230-250	.5	1.3	2.1	1.6	1.1	.2	.2	.0	.1	.0		7.1	14.5	14.0
(W) 260-280	.3	2.3	4.4	4.3	1.8	.6	.2	.1	.0			14.1	14.7	14.0
290-310	.6	3.7	4.8	3.9	1.7	.2	.0					15.0	13.0	13.0
320-340	.2	1.8	4.4	3.2	2.1	.6	.0					12.5	14.7	14.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////////////////////////////	
TOTALS	4.0	19.1	26.0	23.4	15.7	6.7	2.3	.8	.2	.1		100.0	14.9	14.0
TOTAL NUMBER OF OBSERVATIONS 7165														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	.7	1.0	1.7	.7	.1						4.3	14.5	15.0
020-040	.2	.4	.3	.1								.9	8.0	7.0
050-070	.1	.3	.1			.1	.1					.6	10.9	6.5
(E) 080-100	.2	.2	.1	.1			.1					.6	9.7	7.0
110-130	.1	1.2	1.4	1.2	1.3	.4	.2	.2				5.9	16.8	16.0
140-160	.2	1.1	2.3	5.2	8.0	7.4	3.1	1.0	.3			28.4	22.5	23.0
(S) 170-190	.2	.5	.2	.3	.4	.3	.1	.2	.1	.3	.1	2.7	23.8	21.5
200-220	.1		.1		.2	.1						.6	17.3	21.0
230-250	.2	.7	2.2	1.5	1.3	.4	.7	.1				7.2	16.8	15.0
(W) 260-280	.2	2.3	6.2	7.8	3.7	1.7	.7	.1	.2			22.9	16.7	16.0
290-310	.3	3.2	4.5	4.8	2.7	.6	.1					16.2	14.5	15.0
320-340	.1	.9	3.6	2.1	1.9	.7						9.3	15.6	15.0
VARIABLE														
CALM	////////////////////////////////////											.4	////////////////////////////////	
TOTALS	2.0	11.5	22.0	24.8	20.2	11.8	5.1	1.6	.6	.3	.1	100.0	17.8	17.0

TOTAL NUMBER OF OBSERVATIONS 1632

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.5	.9	2.9	1.5	.8	1.3	.3					8.2	15.7	14.0
020-040	.4	.5	.3	.2	.3	.8	.1					2.7	15.9	16.0
050-070	.2	.1	.1	.3		.1						.9	12.6	14.5
(E) 080-100	.1	.2	.1	.9	.2							1.5	15.2	16.5
110-130	.3	1.7	1.5	1.9	1.6	.8	.2	.2				8.3	16.0	16.0
140-160	.5	2.4	3.0	3.0	1.9	1.6	1.2	.4				14.1	17.2	16.0
(S) 170-190	1.3	2.4	.8	.5	.8							5.7	9.4	7.0
200-220	.2	1.3	.3	.1	.3	.1		.1				2.5	12.0	9.0
230-250	.6	2.9	4.2	2.6	1.3	.3						12.0	12.7	12.0
(W) 260-280	.8	2.5	2.5	2.4	.9	.9	.3	.1				10.2	14.4	13.0
290-310	.3	6.0	3.8	3.2	1.8	1.0	.2					16.4	12.9	11.0
320-340	.4	3.8	6.0	2.7	2.4	1.3	.2					16.8	14.2	13.0
VARIABLE														
CALM	////////////////////////////////////											.8	////////////////////////////////	
TOTALS	5.6	24.7	25.5	19.3	12.3	8.2	2.5	.8				100.0	14.1	13.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.1	1.6	1.8	.6	.4	.6	.1				6.6	16.6	15.0
020-040	.1	.2	.8	.9	.2	1.0						3.1	18.1	17.0
050-070	.1	.2			.2	.2						.8	16.9	22.0
(E) 080-100	.1	.2	.5	.2	.2	.1						1.4	13.4	14.0
110-130	.1	2.2	1.9	2.0	1.3	1.2	.6					9.4	16.3	15.0
140-160	.4	2.8	2.9	3.0	3.0	1.8	.8					14.8	16.4	17.0
(S) 170-190	.8	2.0	.3	.4	.4	.2						4.2	10.0	7.0
200-220	.6	.9	.3	.4	.1	.1		.2				2.7	11.6	7.0
230-250	.2	2.3	3.3	2.6	.8	.4	.2					9.8	13.6	13.0
(W) 260-280	.4	3.9	2.9	3.1	1.9	.3	.4	.1				13.1	14.0	14.0
290-310	.8	6.0	4.0	2.0	1.1	1.2	.1					15.2	12.2	10.0
320-340		3.6	5.7	4.1	2.6	.5	.4					16.9	14.5	13.0
VARIABLE														
CALM	////////////////////											2.0	////////	
TOTALS	3.8	25.4	24.2	20.5	12.4	7.4	3.1	.4				100.0	14.1	13.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.2	1.8	1.7	1.0	.4	.5					6.8	15.8	15.0
020-040	.2	1.0	.4	.5	.4	.5						3.1	14.4	14.0
050-070	.1	.1		.2	.1							.5	12.4	16.0
(E) 080-100	.2	.2	.2	1.0	.2	.2						2.0	15.7	16.0
110-130	.1	2.3	1.5	1.9	1.5	.5	.8	.1				8.7	16.2	15.0
140-160	.2	1.4	2.2	2.2	3.0	2.3	.3	.1				11.7	18.2	18.5
(S) 170-190	.8	2.0	.9	1.1	.6	.1	.1					5.6	11.2	9.0
200-220	.6	1.7	.4	.1		.2		.1				3.2	9.2	6.5
230-250	.2	2.6	3.8	2.7	1.4	.6						11.3	13.8	14.0
(W) 260-280	.3	2.7	3.6	1.5	1.4	.9	.5					10.9	14.3	12.0
290-310	.9	6.3	4.1	2.2	1.6	.9	.1					16.0	12.1	10.0
320-340	.3	4.1	6.3	3.6	3.0	1.1	.3					18.7	14.5	14.0
VARIABLE														
CALM	////////////////////////////////////											1.4	////////	
TOTALS	4.0	25.6	25.2	18.7	14.2	7.7	2.6	.3				100.0	14.1	14.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.6	1.8	2.4	2.1	1.7	.4	.2	.1				9.4	14.4	14.0
020-040	.5	.6	1.0	.2	.4	.5						3.3	13.5	11.0
050-070	.3	.8	.1	.2								1.4	8.5	7.0
(E) 080-100	.2	.6	.8	.6	.4	.4						3.1	14.8	14.0
110-130	.4	1.0	1.4	1.7	1.3	.4	.2	.1				6.6	16.0	16.0
140-160	.4	1.6	2.5	2.7	2.7	.9	.8	.3	.2			12.1	17.8	18.0
(S) 170-190	.8	1.8	.1	1.4	.8	.1	.1					5.1	12.0	8.0
200-220	.3	1.7	.5	.1			.2					2.9	9.1	6.0
230-250	.5	2.1	4.4	2.7	1.5	.3	.2					11.8	14.0	13.0
(W) 260-280	.3	2.4	3.0	2.3	1.5	.6	.2					10.4	14.4	13.5
290-310	.5	4.3	3.2	2.9	2.3	1.4	.1					14.8	14.1	14.0
320-340	.4	3.9	5.1	4.2	2.4	.9	.6					17.5	14.6	13.5
VARIABLE														
CALM	////////////////////////////////////											1.6	////////////////////////////////	
TOTALS	5.2	22.6	24.5	21.1	15.0	5.9	2.6	.5	.2			100.0	14.2	14.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	2.6	4.3	2.1	1.8	1.2	.1					12.7	14.2	13.0
020-040	.1	1.2	1.2	.6	.8	.1	.1					4.1	13.9	12.5
050-070	.4	1.1	.4	.4	.1							2.5	9.4	6.0
(E) 080-100	.1	.1	.6	.3	.3							1.5	14.0	13.0
110-130	.2	1.1	1.5	1.8	2.7	.4	.1					7.9	16.6	18.0
140-160	.1	1.6	1.8	3.8	2.9	1.2	.9	.1				12.4	18.0	18.0
(S) 170-190	.1	.9	1.3	1.5	.9	.2	.1					5.0	15.1	15.5
200-220	.1	.3	.1	.1	.1		.2					1.0	15.2	12.0
230-250	.2	.8	2.7	2.1	1.2	.6						7.6	15.3	15.0
(W) 260-280	.2	1.3	3.4	3.4	1.5	1.7	.					11.6	16.4	16.0
290-310		2.5	2.6	5.1	2.7	1.4	.1					14.4	16.4	17.0
320-340	.3	1.0	4.7	6.4	3.4	1.9	.4	.3				18.4	17.5	17.0
VARIABLE														
CALM	////////////////////////////////////											1.0	////////	
TOTALS	2.3	14.5	24.6	27.6	18.4	8.7	2.1	.4				100.0	15.9	16.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.7	3.2	4.2	2.5	.4	.2	.2				12.8	15.8	15.0
020-040	.4	1.5	1.5	.8	1.4	.2	.1					5.9	13.6	13.0
050-070	.3	1.2	.4	.2								2.2	7.5	5.5
(E) 080-100	.4	.9	.3	.3	.4	.1						2.5	11.6	9.0
110-130	.4	1.2	1.8	1.6	1.7	.5	.3	.2				7.9	16.3	16.0
140-160	.1	1.2	2.5	4.0	2.5	1.4	1.3	.2				13.2	18.5	17.0
(S) 170-190	.1	.5	.8	1.0	.9		.2					3.5	16.2	17.0
200-220	.2	.3	.5		.2							1.3	10.7	11.0
230-250		.5	1.4	1.0	1.0	.3	.1					4.3	15.9	15.0
(W) 260-280		1.3	2.6	3.0	2.4	1.2	.2		.1			10.8	16.9	16.0
290-310	.2	2.0	4.2	5.9	3.5	1.3						17.2	16.1	16.0
320-340		2.2	4.9	6.1	2.9	1.7	.1	.1				18.0	16.1	16.0
VARIABLE														
CALM	////////////////////////////////////											.5	////////////////////////////////	
TOTALS	2.4	14.5	24.1	28.1	19.4	7.1	2.5	.7	.1			100.0	15.9	16.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.8	3.3	4.6	3.9	1.4	.9	.4					15.3	14.0	14.0
020-040	.5	.6	.4	.9	.4	.4						3.3	14.2	15.0
050-070	1.0	.8	.4									2.2	6.4	5.0
(E) 080-100	.2	.6	.3	.3	.1							1.6	10.6	8.0
110-130	.5	1.6	2.3	.9	1.4	.2	.2	.4				7.5	15.1	13.5
140-160	.3	1.9	2.7	2.9	2.4	1.7	.8	.3				13.0	17.4	17.0
(S) 170-190	.3	.8	.8	.4	.9	.2	.2		.1			3.7	16.0	14.5
200-220	.2	.9	.1									1.2	6.7	6.0
230-250	.3	1.5	2.3	1.2	.8	.1	.1					6.2	13.2	13.0
(W) 260-280	.8	2.4	3.2	3.8	1.4	.9	.1					12.5	14.2	14.0
290-310	.4	3.7	4.8	3.6	1.9	.8	.2					15.4	13.7	12.0
320-340	1.0	3.1	4.7	4.1	2.7	1.0		.4				17.0	14.7	14.0
VARIABLE														
CALM	////////////////////											1.1	////////	
TOTALS	6.3	21.2	26.6	22.0	13.4	6.2	2.0	1.1	.1			100.0	14.2	14.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.5	2.4	3.2	3.5	.8	1.2	.2	.1				11.9	14.6	14.0
020-040		.6	1.2	.3	.8	.6						3.6	16.1	14.0
050-070	.3	.2	.1	.1		.1						.9	10.0	6.0
(E) 080-100		.4	.1	.4	.3	.1						1.4	15.2	17.0
110-130	.2	.8	1.3	1.8	1.2	.2	.9					6.4	17.7	17.0
140-160	.3	1.3	3.5	3.2	2.4	1.8	1.1	.1	.2			13.9	18.2	17.0
(S) 170-190	.9	2.6	.4	.8	.5	.3	.1	.2				5.8	11.9	7.0
200-220	.6	1.7	.5	.1	.1							3.1	7.7	7.0
230-250	1.2	3.0	4.5	1.6	1.1							11.5	11.3	11.0
(W) 260-280	.6	3.1	2.7	2.4	.8	1.4	.1	.1				11.2	14.0	12.5
290-310	.3	5.0	3.4	3.2	1.6	.8	.1					14.4	13.0	12.0
320-30	.1	3.4	4.5	3.0	2.4	.8	.3	.1				14.6	14.8	13.0
VARIABLE														
CALM	////////////////////											1.3	////////	
TOTALS	5.0	24.5	25.4	20.4	12.0	7.3	2.8	.6	.2			100.0	14.1	13.0
TOTAL NUMBER OF OBSERVATIONS 925														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.9	3.0	2.6	1.3	.8	.3	.1				10.5	14.9	14.0
020-040	.3	.8	.8	.6	.6	.5	.0					3.7	14.8	14.0
050-070	.4	.6	.2	.2	.1	.1						1.4	9.3	6.0
(E) 080-100	.2	.4	.4	.5	.3	.1						1.9	13.8	14.0
110-130	.3	1.5	1.7	1.7	1.6	.5	.4	.1				7.8	16.2	16.0
140-160	.3	1.8	2.6	3.1	2.6	1.6	.9	.2	.1			13.2	17.7	17.0
(S) 170-190	.6	1.6	.7	.9	.7	.1	.1	.0	.0			4.8	12.4	11.0
200-220	.4	1.1	.4	.1	.1	.1	.1	.1				2.2	9.9	7.5
230-250	.4	2.0	3.3	2.1	1.1	.4	.1					9.3	13.5	13.0
(W) 260-280	.4	2.4	3.0	2.7	1.5	1.0	.3	.0	.0			11.3	14.8	14.0
290-310	.4	4.5	3.8	3.5	2.1	1.1	.1					15.5	13.8	13.0
320-340	.3	3.1	5.2	4.3	2.7	1.1	.3	.1				17.2	15.1	14.0
VARIABLE														
CALM	////////////////////////////////////											1.2	////////	
TOTALS	4.5	21.7	25.1	22.3	14.7	7.4	2.6	.6	.1			100.0	14.6	14.0
TOTAL NUMBER OF OBSERVATIONS 7414														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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.

		WIND SPEED IN KNOTS													
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)													%	WIND	WIND
(N) 350-010		.4	1.3	3.5	2.2	1.2	2.2	.5					11.3	16.6	15.0
020-040		.5	.1	.1	.2	.4	.6						2.0	16.8	19.5
050-070		.1	.6	.1									.9	6.3	6.0
(E) 080-100		.2	.2		.1		.1						.7	11.0	6.0
110-130		.2	.7	.9	2.2	2.2	1.0	1.0	.7				8.9	20.7	21.0
140-160			.9	1.3	3.0	6.1	5.2	3.0	1.0	.4			21.0	23.5	24.0
(S) 170-190		.2	.6	.2	.2	.5	.1	.1					2.1	14.2	11.0
200-220			.1		.1								.2	12.5	12.5
230-250		.1	.4	2.0	1.7	1.8	.1	.2					6.3	16.4	17.0
(W) 260-280			.7	4.9	6.1	2.7	3.0	1.5	.4				19.3	19.2	18.0
290-310			2.1	3.3	2.8	1.1	2.6	.2					12.1	16.6	15.0
320-340		.1	1.2	5.4	4.3	2.3	.9	.2					14.4	15.9	15.0
VARIABLE															
CALM		////////////////////////////////////											.9	////////////////////////////////	
TOTALS		1.8	8.9	21.7	22.9	18.3	15.8	6.7	2.1	.4			100.0	18.4	18.0
TOTAL NUMBER OF OBSERVATIONS 820															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.2	2.8	2.2	1.0	.4	.2					8.3	14.8	14.0
020-040		.2	.9	.9	.3	.1	.2					2.7	16.8	16.5
050-070	.1	.3	.1									.6	7.6	7.0
(E) 080-100	.1	.9	.3		.1							1.5	8.6	7.0
110-130	.4	2.1	2.2	2.5	1.5	1.0	.2	.2				10.2	15.3	15.0
140-160	.3	2.6	3.5	2.5	2.9	2.1	.9	.7	.1			15.5	18.1	17.0
(S) 170-190	.6	2.1	.9	.6	.2	.8	.2	.1	.1			5.6	13.8	10.5
200-220	.7	1.6	1.0	.1		.1						3.5	8.5	8.0
230-250	1.3	2.6	3.8	2.3	1.6	.6	.2	.1	.1			12.6	13.8	13.0
(W) 260-280	.6	2.1	3.2	2.0	.8	.6	.3					9.6	13.5	12.5
290-310	1.2	5.9	3.5	1.7	1.6	.6	.1					14.5	11.6	10.0
320-340	.4	1.7	1.3	5.5	3.2	2.1	.3					14.7	17.4	18.0
VARIABLE														
CALM	////////////////////////////////////										.8	////////////////////////////////		
TOTALS	6.0	23.3	23.5	20.3	13.2	8.4	2.6	1.1	.3			100.0	14.6	14.0
TOTAL NUMBER OF OBSERVATIONS 894														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.0	2.3	2.2	1.2	.3						7.2	15.0	15.0
020-040	.2	.3	1.1	.7	.1		.3					2.8	14.8	13.0
050-070	.2	.7	.1	.2	.1							1.3	9.8	7.5
(E) 080-100	.2	.7	.4	.6	.1	.2						2.2	12.5	10.5
110-130	.4	2.1	1.3	1.0	.9	.7	.4	.6	.2			7.7	17.1	14.0
140-160	.3	1.7	3.0	3.7	3.3	1.1	.9	.6	.1			14.7	18.0	17.5
(S) 170-190	.7	2.8	1.3	.8	.6	.7	.3	.2				7.3	13.3	10.0
200-220	.4	1.9	.7	.4	.1	.1						3.7	9.4	7.0
230-250	.9	3.9	3.7	2.3	1.0	.7	.1					12.6	12.3	12.0
(W) 260-280	.2	3.3	3.7	1.8	1.0	.6	.1					10.7	12.9	12.0
290-310	.6	4.0	4.0	1.1	1.9	.4	.2					12.2	12.7	11.5
320-340	.8	2.8	3.1	3.5	3.7	2.3	.7					16.8	16.7	17.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	5.0	25.2	24.7	18.3	14.0	7.1	3.0	1.4	.3			100.0	14.5	13.0

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: 703160

STATION NAME: COLD BAY, 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
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.2	1.9	3.1	1.2	.6	.3	.1				9.1	15.8	16.0
020-040	.3	.6	1.5	.1	.1		.1					2.7	11.5	11.5
050-070	.2	.2	.3	.			.1					1.7	13.3	15.0
(E) 080-100	.2	.4	.1	.3	.2	.2	.2					1.8	15.8	15.5
110-130	.7	2.1	1.8	1.3	1.0	.2	.3	.3	.2			8.0	14.8	12.0
140-160	.7	2.1	2.5	2.5	3.4	1.7	1.0	1.0	.2	.2		15.2	19.7	19.0
(S) 170-190	.9	2.5	1.0	.4	.1	.2	.6	.1	.1			5.9	12.3	8.0
200-220	.8	1.8	.8	.6	.4	.2	.2					4.8	11.8	8.0
230-250	1.1	3.8	3.5	2.2	.7	.6						11.8	11.5	11.0
(W) 260-280	.6	2.9	2.9	1.5	1.0	.6	.2					9.6	13.2	12.0
290-310	.6	4.2	3.5	1.7	2.2	.7	.3					13.2	13.3	12.0
320-340	.6	2.2	2.5	4.5	3.2	.9	.7					14.5	16.4	17.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	7.3	24.0	22.3	19.0	13.5	5.9	4.0	1.5	.5	.2		100.0	14.5	14.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.2	1.7	4.8	.8	.8	.2					9.9	15.6	16.0
020-040	.3	.3	1.2	.9	.2							3.0	12.2	13.0
050-070	.1	.6	.3	.2	.2		.1					1.6	13.1	11.5
(E) 080-100	.1	.3	.3	.1								.9	10.4	10.5
110-130	.6	2.3	2.1	1.0	1.7	.4	.3	.3	.1			8.9	15.3	12.5
140-160	.6	3.0	3.0	2.3	2.9	2.1	1.5	.8	.6			16.8	18.9	17.0
(S) 170-190	.6	1.7	.9	.2	.9	.3	.3	.1	.2			5.3	15.1	12.0
200-220	1.0	1.5	.7	.1	1.0	.1	.1					4.5	11.5	7.5
230-250	.7	3.5	3.9	2.1	1.1	.2	.2		.1			11.8	12.9	12.0
(W) 260-280	1.1	3.9	2.9	1.5	1.1	1.0	.1					11.6	12.3	10.0
290-310	.9	3.6	2.9	3.0	1.2	.8	.2					12.6	13.7	14.0
320-340	.7	1.7	1.7	3.8	2.1	1.7	.1					11.7	16.4	17.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////	
TOTALS	7.1	23.6	21.6	20.0	13.2	7.4	3.1	1.2	1.0			100.0	14.7	14.0
TOTAL NUMBER OF OBSERVATIONS 895														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.6	3.9	2.1	1.8	.3	.2					10.2	14.8	14.0
020-040	.6	.9	1.5	.9	.6	.1						4.5	12.2	12.0
050-070	.2	.9	.1		.1							1.3	7.5	6.0
(E) 080-100		.7	.2	.3	.8							2.0	14.5	16.0
110-130	.1	1.6	3.2	1.2	.8	.6	.1	.1	.2			8.0	14.8	12.0
140-160	.6	1.9	1.5	2.2	2.9	3.5	1.7	1.0	.4			15.7	21.2	23.0
(S) 170-190	.7	1.3	.6	.6	1.1	.8	.7	.6	.2			6.5	19.1	20.0
200-220	.4	1.1	.3	.8	.7	.2						3.6	12.8	13.0
230-250	.7	1.8	3.8	3.7	1.7	.2		.1	.2			12.2	14.6	14.0
(W) 260-280	.3	1.9	3.0	1.8	1.6	.8	.1					9.5	14.8	14.0
290-310	.7	1.8	3.5	2.4	2.0	.9	.3	.1				11.6	15.3	14.0
320-340	.8	1.6	2.8	4.3	2.8	1.5	.3					14.0	16.5	17.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	5.3	17.1	24.4	20.3	16.9	8.9	3.4	1.9	1.0			100.0	15.9	15.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.2	1.2	3.0	3.4	1.7	.6	.3					10.4	15.5	15.0
020-040	.2	1.5	1.0	1.0	.6							4.3	12.1	12.0
050-070		.8	.2	.3	.3							1.7	12.7	10.0
(E) 080-100	.2	.2	.7	.7	.1	.2		.2				2.4	16.4	15.0
110-130	.8	2.5	2.5	1.1	1.1	1.1	.4		.2	.1		9.9	15.4	130
140-160	.2	1.8	2.2	2.0	2.9	2.1	1.7	.2	.2	.1		13.5	20.1	20.0
(S) 170-190	.3	1.2	1.5	.9	.4	1.1	.4					5.9	16.2	14.0
200-220	.2	.6	.3	.2	.4							1.8	12.0	11.0
230-250	.2	1.1	3.5	2.9	1.8		.2					9.7	14.9	15.0
(W) 260-280	.1	2.7	2.6	2.2	2.6	.6		.3	.2			11.3	15.9	15.0
290-310	.3	2.6	3.5	3.2	2.9	.9	.6	.2				14.2	16.0	15.0
320-340	.2	2.8	3.0	4.4	2.8	1.2	.1					14.6	15.9	16.0
VARIABLE														
CALM	////////////////////////////////////											.3	////////////////////////////////	
TOTALS	2.9	19.0	24.0	22.3	17.6	7.8	3.7	.9	.6	.2		100.0	16.0	15.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.3	2.6	2.8	1.1	.6						8.5	14.7	15.0
020-040	.2	.8	.9	1.2	.2	.3						3.7	13.9	14.0
050-070	.2	.2	.2	.1		.1						.9	10.6	9.0
(E) 080-100	.1	.4	.4	.7	.2		.1					2.0	14.2	14.5
110-130	.3	1.0	1.7	1.3	.9	.8	.7	.3				7.1	17.9	17.0
140-160	.6	1.8	2.9	4.0	3.3	1.6	.4	.4	.4			15.5	18.2	17.5
(S) 170-190	.9	1.9	.3	1.5	.6	.7	.2					6.1	13.3	13.5
200-220	.6	.6		.1	.2		.1	.1				1.7	12.0	7.0
230-250	1.2	3.0	3.9	3.3	.7	.1	.2	.2				12.7	12.5	12.0
(W) 260-280	.9	2.4	3.1	2.7	1.8	.2	.3	.1	.1			11.7	14.3	13.5
290-310	.4	4.3	4.7	1.3	2.5	.7	.2	.3				14.5	13.8	12.0
320-340	.3	1.9	3.3	4.4	3.8	1.1	.2	.1				15.1	16.7	17.0
VARIABLE														
CALM	////////////////////////////////////											.7	////////////////////////////////	
TOTALS	5.8	19.6	24.0	23.4	15.3	6.2	2.4	1.5	.5			100.0	15.0	14.5

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.1	1.1	3.0	2.9	1.3	.4						8.9	14.9	15.0
020-040	.1	.9	1.7	.9		.1	.2					3.9	13.0	13.0
050-070	.1	.2	.1									.4	7.8	7.5
(E) 080-100	.1	.6	.4	.1	.1							1.3	11.0	9.5
110-130	.2	.4	2.2	1.5	1.5	.9	.7	.3				7.7	18.4	16.0
140-160	.4	1.9	2.8	4.1	2.8	1.6	1.5	.2	.1			15.4	18.0	17.5
(S) 170-190	.6	2.1	1.8	.3	.8	.1	.1					5.8	11.0	10.0
200-220	.4	1.2	.7	.6	.1	.1	.1	.2				3.5	12.3	10.0
230-250	.6	2.2	4.8	2.7	1.1	.7	.2	.1				12.4	13.7	12.0
(W) 260-280	.4	2.9	3.2	2.5	1.1	.8	.1					11.1	13.6	12.0
290-310	.7	3.9	4.1	1.6	2.5	.7	.1	.1				13.6	13.6	12.0
320-340	.3	2.9	3.1	3.2	4.4	1.0	.4					15.4	16.0	16.0
VARIABLE														
CALM	////////////////////											.4	////////////////	
TOTALS	4.0	20.3	27.9	20.4	15.7	6.4	3.4	.9	.1			100.0	14.8	14.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.2	2.7	2.9	1.3	.5	.2	.0				9.1	15.2	15.0
020-040	.3	.7	1.2	.8	.3	.1	.1					3.4	13.2	13.0
050-070	.2	.5	.2	.2	.1	.0	.0					1.2	11.0	8.0
(E) 080-100	.1	.5	.4	.3	.2	.1	.0	.0				1.8	13.4	12.0
110-130	.4	1.8	2.1	1.4	1.2	.7	.4	.3	.1	.0		8.4	16.0	14.0
140-160	.5	2.1	2.7	2.9	3.0	2.0	1.2	.6	.3	.0		15.3	19.0	18.0
(S) 170-190	.6	2.0	1.0	.7	.6	.6	.4	.1	.1			6.1	14.3	12.0
200-220	.6	1.3	.6	.4	.4	.1	.1	.0				3.4	11.2	8.0
230-250	.8	2.7	3.9	2.7	1.2	.4	.2	.1	.1			12.0	13.2	13.0
(W) 260-280	.5	2.8	3.1	2.0	1.4	.6	.2	.1	.0			10.6	13.8	13.0
290-310	.7	3.8	3.7	2.0	2.1	.7	.3	.1				13.3	13.7	12.0
320-340	.5	2.2	2.6	4.2	3.3	1.5	.4	.0				14.6	16.5	17.0
VARIABLE														
CALM	////////////////////											.9	////////	
TOTALS	5.5	21.6	24.2	20.5	15.1	7.3	3.5	1.3	.6			100.0	15.0	14.0
TOTAL NUMBER OF OBSERVATIONS 7155														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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.

		WIND SPEED IN KNOTS															
DIRECTION		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN		
(DEGREES)												%	WIND	WIND			
(N) 350-010		.1	1.2	2.0	2.0	1.3	.7	.2					7.4	15.6	15.5		
020-040		.3	.5	.5	.3	.2	.2								1.9	12.5	10.0
050-070			.5	.4	.2	.1									1.2	10.8	10.0
(E) 080-100		.1	.2	.3	.2				.1					.8	12.8	11.0	
110-130		.5	.8	2.5	1.3	1.0	1.1	.7	.4	.3				8.6	18.0	15.0	
140-160		.2	.5	1.6	3.0	4.1	4.4	3.6	1.9	1.5	.2		21.0	25.6	25.0		
(S) 170-190		.3	1.1	.4	.2				.2	.4	.3				2.9	16.8	10.5
200-220			.5	.4	.1	.2									1.1	11.6	10.5
230-250		.5	1.2	2.5	3.6	2.2	.5	.3	.1	.2				11.0	16.6	17.0	
(W) 260-280		.5	2.5	4.3	2.6	2.1	1.1	.3	.3	.1				13.7	15.5	14.0	
290-310		.8	3.2	3.6	2.5	4.6	1.4	.4	.1					16.6	15.8	15.0	
320-340		.5	1.9	2.1	2.8	3.5	2.2	.1						13.1	17.2	18.0	
VARIABLE																	
CALM		////////////////////////////////////										.7	////////////////////////////////				
TOTALS		3.8	14.1	20.6	18.8	19.3	11.8	6.1	3.0	2.4	.2		100.0	18.0	17.0		

TOTAL NUMBER OF OBSERVATIONS 1103

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.5	1.6	2.8	1.7	1.3	.4	.3					8.8	14.4	14.0
020-040	.3	.8	1.3	.9	.6	.4						4.3	14.7	14.0
050-070	.4	.2	.4	.5	.4							2.1	13.3	14.0
(E) 080-100	.3		.4	.6	1.1	.5	.1	.1				3.2	19.3	20.0
110-130	.3	1.2	1.9	1.8	3.0	2.1	.6	.2	.1			11.4	19.4	20.0
140-160	.3	2.2	3.6	5.5	5.8	3.0	2.4	.9	.3			24.0	20.0	20.0
(S) 170-190	.8	1.1	.9	.9	1.2	.5	.3					5.6	15.1	15.5
200-220	1.0	1.6	.8	.2	.3	.1	.1	.1	.2			4.4	12.0	8.0
230-250	.4	1.8	2.3	1.1	1.0	.5	.3	.1				7.6	14.1	13.0
(W) 260-280	.4	2.8	2.7	.5	.9	.3	.3					8.0	12.6	10.5
290-310	.8	3.7	2.4	1.7	1.1	.6	.1					10.4	12.4	11.0
320-340	.3	1.4	2.7	.9	1.2	1.1	.4	.2				8.2	16.2	14.0
VARIABLE														
CALM	////////////////////											2.1	////////	
TOTALS	5.8	18.4	22.2	16.3	17.9	9.5	4.9	1.6	.6			100.0	15.9	15.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.5	2.5	1.5	1.2	.5	.2					7.8	14.7	13.0
020-040	.2	1.0	.8	1.6	.5	1.0						5.1	16.1	16.0
050-070	.1	.6	.5	.3	.1	.1	.2					2.0	13.7	11.0
(E) 080-100	.2	.8	.6	.6	.3	1.0	.1	.1				3.8	17.1	17.0
110-130	.1	1.3	2.9	2.3	1.8	1.6	.8	.3	.3			11.4	18.7	17.0
140-160	.4	1.6	3.8	4.0	4.4	4.6	2.4	1.4	.1			22.7	20.9	21.0
(S) 170-190	1.2	1.7	1.2	1.2	.9		.1					6.2	11.3	10.0
200-220	.8	1.1	1.1	.1	.1		.2	.2	.1			3.7	12.4	9.5
230-250	.5	2.2	1.9	1.4	.6	.3	.2	.1				7.3	13.5	13.0
(W) 260-280	.4	3.6	1.7	2.0	.9	.3	.4					9.4	13.1	11.0
290-310	.9	3.7	2.5	1.4	.9	.2	.2					9.7	11.6	10.0
320-340	.5	2.5	2.0	1.2	1.2	.8	.6	.1				8.9	14.9	13.0
VARIABLE														
CALM	////////////////////////////////////										1.9	////////		
TOTALS	5.6	21.6	21.5	17.6	12.9	10.4	5.4	2.2	.5			100.0	15.6	15.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.6	2.6	2.4	2.2	.5	.1					9.7	15.1	15.0
020-040	.1	1.1	.6	1.9	.2	.3	.2					4.5	15.4	16.0
050-070	.2	.3	.5	.3	.3							1.7	11.8	11.0
(E) 080-100		.3	1.1	.8	1.5	.3	.2					4.2	18.2	19.0
110-130	.1	2.5	1.7	2.3	1.6	1.3	1.1	.3	.2			11.1	18.0	17.0
140-160	.1	2.3	3.8	4.3	4.8	3.8	2.0	1.2	.3			22.6	20.4	20.0
(S) 170-190	.3	2.2	2.3	1.3	1.3	.1	.2	.1	.1			7.9	13.9	12.0
200-220	.6	1.0	.3	.4					.1			2.5	9.7	7.0
230-250	.6	3.0	2.2	.9	1.1	.6	.4	.1	.3			9.3	14.5	12.5
(W) 260-280	.2	1.5	1.9	.9	1.1	.4						6.0	13.8	14.0
290-310	1.1	3.4	2.3	1.4	.6	.5	.2					9.6	11.9	10.0
320-340	.5	1.9	2.0	1.8	1.7	.6	.5					9.3	15.2	15.0
VARIABLE														
CALM	////////////////////////////////////											1.7	////////////////////////////////	
TOTALS	4.1	21.1	21.3	18.7	16.4	8.4	4.9	1.7	1.0			100.0	15.8	15.0
TOTAL NUMBER OF OBSERVATIONS 929														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	1.3	1.9	2.6	1.6	.4	.1					8.3	15.4	15.0
020-040	.9	.6	.6	1.5	1.2	.3						5.2	14.5	16.0
050-070	.3	.6	.4	.2	.3	.2	.2					2.4	14.3	12.0
(E) 080-100	.1	.5	.4	.4	.4	.4	.3					2.7	17.2	15.0
110-130	.5	2.5	1.7	1.8	1.9	.9	.4	.6				10.5	16.6	16.0
140-160	.5	3.4	3.2	5.5	4.6	4.0	2.6	.8	.9			25.5	20.0	20.0
(S) 170-190	.8	2.2	1.0	1.7	.8	.5	.8	.1	.1			7.9	15.4	15.0
200-220	.2	1.0	.8	.3								2.3	9.0	8.0
230-250	.5	1.6	2.3	1.2	1.1	.3	.2	.1	.2			7.5	14.8	13.0
(W) 260-280	.8	1.7	1.9	.8	.8	.4	.2					6.6	12.9	13.0
290-310	.8	2.9	1.0	1.4	.6	1.0	.1					7.8	13.2	10.0
320-340	.6	2.5	2.2	2.3	2.3	1.2	.1					11.9	14.9	14.0
VARIABLE														
CALM	////////////////////											1.6	////////	
TOTALS	6.3	20.8	18.1	19.7	15.6	9.6	5.0	1.6	1.2			100.0	15.8	15.0
TOTAL NUMBER OF OBSERVATIONS 928														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.6	1.4	2.1	3.7	1.7	.2	.4	.2				10.4	15.8	16.0
020-040	.2	.5	.8	.8	.9	.1						3.2	14.5	15.0
050-070	.4	.8	.2	.2	.4	.3	.2					2.6	14.0	10.5
(E) 080-100	.2	.5	.9	.5	1.0	.1	.1					3.4	14.9	17.0
110-130	.6	1.9	.8	1.7	1.8	1.2	.5	.3				9.0	17.0	18.0
140-160	.4	2.7	3	5.8	6.3	4.2	2.8	.6	.6	.1		26.8	20.7	20.0
(S) 170-190	.4	1.8	1.5	1.1	1.2	1.2	.4	.2				7.9	16.5	15.0
200-220	1.1	.9	.5	.4								2.9	8.3	6.0
230-250	.5	1.0	2.8	1.3	1.4	.3	.1	.2				7.7	14.7	13.0
(W) 260-280	.5	1.0	2.7	.4	1.0							5.6	12.3	12.0
290-310	.6	3.2	2.5	1.4	1.0	.3	.2	.1				9.4	12.8	10.0
320-340	.3	1.0	2.8	1.9	1.8	1.3	.1	.1				9.4	16.7	16.0
VARIABLE														
CALM	////////////////////////////////////											1.6	////////	
TOTALS	5.8	16.7	20.7	19.2	18.5	9.2	4.8	1.7	.6	.1		100.0	16.2	16.0
TOTAL NUMBER OF OBSERVATIONS 924														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.0	1.7	3.6	1.4	.6	.2	.1				9.1	16.2	16.0
020-040	.3	1.0	.2	1.4	.6	.1	.1					3.8	14.3	16.0
050-070	.2	.9	.3	.6	.1	.1						2.3	11.4	10.0
(E) 080-100	.2	.4	1.3	.5	1.2	.2						3.9	15.3	14.5
110-130	.6	2.6	2.2	2.6	2.0	1.2	1.2	.1				12.5	16.5	16.0
140-160	.1	1.6	3.0	4.5	5.8	4.1	2.4	.6	.3			22.5	21.0	21.0
(S) 170-190	.4	1.7	1.7	1.1	1.5	1.1	.3	.2				8.1	16.0	15.0
200-220	.3	1.1	.5		.2	.2	.2					2.6	11.9	8.0
230-250	.4	1.3	2.0	1.6	1.5	.5	.1					7.6	14.7	14.5
(W) 260-280	.3	2.2	1.1	1.4	.5	.5						6.0	13.0	12.5
290-310	.5	3.5	1.9	1.3	.6	.8	.2					8.8	12.6	10.5
320-340	.6	2.6	2.3	1.9	2.0	.9	.5	.1				11.0	15.3	14.5
VARIABLE														
CALM	////////////////////											1.8	////	////
TOTALS	4.3	19.9	18.2	20.5	17.4	10.3	5.2	1.1	.3			100.0	16.0	16.0
TOTAL NUMBER OF OBSERVATIONS 927														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.4	1.5	3.4	2.6	1.8	.2	.1	.1				10.2	14.9	14.0
020-040	.1	.4	.4	1.1	.9	.1	.1					3.2	16.9	17.0
050-070	.4	.8	.4	1.0	.7	.3						3.6	14.3	16.0
(E) 080-100	.4	.8	.7	1.2	.9	.2		.1				4.2	15.1	15.0
110-130	.7	2.0	1.7	2.9	1.7	1.0	1.0	.1				11.1	16.7	16.0
140-160	.5	2.0	3.4	5.2	6.7	4.2	2.1	.3	.3			24.8	20.0	20.0
(S) 170-190	.9	2.1	1.1	1.1	1.1	.5	.7					7.4	14.5	13.5
200-220		.9	.7	.1	.4		.2					2.3	14.1	14.0
230-250	.7	1.6	2.9	1.5	1.0	.8						8.5	13.4	12.0
(W) 260-280		2.0	.9	.8	1.0	.3	.3					5.2	14.6	13.0
290-310	.4	2.5	2.1	1.4	.4	.7						7.5	12.2	10.0
320-340	.1	2.4	2.7	.9	2.3	.8	.3	.1				9.6	15.5	13.0
VARIABLE														
CALM	////////////////////////////////////											2.5	////////////////////////////////	
TOTALS	4.6	19.0	20.4	19.8	18.9	9.1	4.8	.7	.3			100.0	15.7	16.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	.3	2.1	2.9	2.3	2.1	.2	.2	.1				10.2	14.8	14.0
020-040	.1	.5	1.4	1.4	.4	.2	.1					4.2	15.0	15.0
050-070		.4	.2	.6	.8	.2						2.3	17.3	18.0
(E) 080-100	.1	.3	.9	1.1	1.0	.4	.2	.1				4.1	18.4	18.5
110-130	.5	1.8	1.9	1.6	1.8	1.8	.3	.4	.1			10.5	17.4	17.0
140-160	.4	1.8	4.1	5.8	6.1	3.8	1.7	1.2	.3			25.3	20.1	20.0
(S) 170-190	.5	2.5	1.0	1.4	1.6	.5		.1				7.7	13.7	14.0
200-220	.5	1.4	.4	.2		.2				.1		2.9	10.1	7.0
230-250	1.1	1.4	1.8	1.6	1.3	.4	.2					7.9	13.6	12.0
(W) 260-280	.9	1.8	.9	1.4	.5	.4	.2	.2				6.4	13.8	12.0
290-310	1.0	3.1	2.1	1.5	.5	.2	.2					8.7	11.2	10.0
320-340	.2	1.7	1.4	1.4	1.8	.9	.3	.1	.1			8.0	16.9	17.0
VARIABLE														
CALM	////////////////////////////////////											1.8	////////////////////////////////	
TOTALS	5.6	18.8	19.0	20.3	17.9	9.2	3.4	2.2	.6			100.0	15.8	16.0
TOTAL NUMBER OF OBSERVATIONS 924														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.4	1.5	2.5	2.5	1.7	.4	.2	.1				9.3	15.1	15.0
020-040	.3	.7	.8	1.3	.7	.3	.1					4.2	15.2	16.0
050-070	.3	.6	.4	.5	.4	.2	.1					2.4	13.9	14.0
(E) 080-100	.2	.5	.8	.7	.9	.4	.1	.1				3.7	16.9	17.0
110-130	.4	2.0	1.9	2.1	2.0	1.4	.7	.3	.1			10.9	17.6	17.0
140-160	.4	2.2	3.5	5.1	5.6	4.0	2.3	.9	.4	.0		24.3	20.4	20.0
(S) 170-190	.7	1.9	1.3	1.2	1.2	.6	.4	.1	.0			7.3	14.6	13.0
200-220	.6	1.1	.6	.2	.1	.1	.1	.0	.1			2.9	11.0	8.0
230-250	.6	1.7	2.3	1.3	1.1	.5	.2	.1	.1			7.9	14.2	13.0
(W) 260-280	.4	2.1	1.7	1.0	.8	.4	.2	.0				6.7	13.2	12.0
290-310	.8	3.3	2.1	1.4	.7	.5	.2	.0				9.0	12.2	10.0
320-340	.4	2.0	2.4	1.5	1.8	.9	.4	.1	.0			9.5	15.7	14.0
VARIABLE														
CALM	////////////////////////////////////											1.9	////////	
TOTALS	5.5	19.6	20.3	18.8	17.0	9.7	5.0	1.7	.7			100.0	15.8	15.0
TOTAL NUMBER OF OBSERVATIONS 7405														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.5	1.1	2.5	3.1	2.6	.5	.1					10.5	15.9	16.0
020-040	.2	.5	.6	1.3	.5	.3						3.5	15.6	16.0
050-070	.1	.3	.1	.1	.2	.1						.8	14.1	13.0
(E) 080-100	.3	.3	.1	.3	.1	.1	.1					1.4	13.4	12.5
110-130	.1	.7	1.2	1.1	1.9	1.2	.6	.2	.1			7.2	20.0	20.0
140-160	.3	1.2	1.6	2.7	8.4	8.1	4.5	2.7	1.3	.1		30.9	25.1	25.0
(S) 170-190	.3	.9	.4	.4	.4	.5	.2		.1			3.2	16.3	15.0
200-220	.5	.4	.3		.1							1.2	7.6	6.5
230-250	.3	1.1	2.1	1.1	1.6	.6	.3	.1				7.1	15.6	15.0
(W) 260-280	.2	1.6	3.2	1.5	1.3	.6	.5					8.8	15.4	14.0
290-310	.4	2.6	4.1	2.6	1.0	.9	.2					11.8	13.9	13.0
320-340	.2	1.9	3.8	2.5	2.5	1.1	.3					12.3	15.9	15.0
VARIABLE														
CALM	////////////////////////////////////											1.3	////////////////////////////////	
TOTALS	3.4	12.6	20.0	16.7	20.6	14.0	6.8	3.0	1.5	.1		100.0	18.4	18.0

TOTAL NUMBER OF OBSERVATIONS 1539

OPERATING LOCATION "A"
USAFFAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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) 350-010	.4	1.9	2.6	2.3	1.3	.6	.2	.0	.0			9.2	14.4	14.0
020-040	.3	1.2	.8	.7	.5	.3	.1	.0				3.8	13.3	12.0
050-070	.3	.9	.3	.2	.1	.0	.0	.0	.0			1.9	9.7	7.0
(E) 080-100	.2	.7	.5	.4	.3	.2	.1	.0	.0	.0		2.5	13.9	13.0
110-130	.4	1.8	2.1	2.0	1.6	.8	.4	.2	.1	.0		9.2	16.1	15.0
140-160	.4	2.1	3.8	5.2	5.2	3.0	1.5	.5	.3	.0		22.0	19.2	19.0
(S) 170-190	.5	1.5	1.1	1.0	.8	.3	.1	.1	.0	.0	.0	5.5	13.9	12.5
200-220	.4	.8	.3	.2	.1	.1	.0	.0	.0			1.8	10.0	7.0
230-250	.5	1.4	1.8	1.2	.7	.2	.1	.0	.0	.0		5.9	13.3	13.0
(W) 260-280	.5	2.0	2.9	2.5	1.2	.4	.1	.0	.0			9.7	13.9	14.0
290-310	.7	4.2	4.6	2.8	1.3	.4	.1	.0	.0			14.3	12.5	12.0
320-340	.4	2.7	3.9	2.8	1.9	.9	.2	.0	.0			12.8	14.5	14.0
VARIABLE														
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	5.0	21.2	24.7	21.3	15.0	7.2	2.9	.8	.4			100.0	14.8	14.0

TOTAL NUMBER OF OBSERVATIONS: 87095

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	1.7	2.1	1.7	1.2	.5	.1	.0				7.8	14.4	14.0
020-040	.2	.8	.3	.2	.2	.2	.0	.0				1.9	12.2	9.0
050-070	.2	.5	.1	.1	.1	.1	.0	.0				1.0	10.3	6.0
(E) 080-100	.2	.4	.2	.1	.1	.0	.1	.0				1.1	11.4	8.0
110-130	.2	.9	1.1	1.2	1.3	.8	.4	.2	.1	.0		6.3	18.1	12.0
140-160	.2	1.0	2.0	4.2	6.7	5.1	2.7	1.1	.5	.1		23.6	22.8	23.0
(S) 170-190	.2	.5	.4	.3	.4	.2	.1	.1	.1	.0	.0	2.3	16.6	15.0
200-220	.1	.2	.1	.0	.0	.0	.0					.5	8.9	7.0
230-250	.2	.5	1.4	1.2	.8	.3	.1	.0	.0			4.5	15.7	15.0
(W) 260-280	.2	1.9	4.7	5.1	2.4	.7	.2	.1	.0			15.3	15.5	15.0
290-310	.5	4.8	7.6	4.9	1.9	.6	.1	.0				20.4	13.1	12.0
320-340	.3	3.1	4.8	2.9	2.0	1.0	.2	.0				14.2	14.3	13.0
VARIABLE														
CALM	////////////////////											1.0	////////	
TOTALS	2.8	16.3	24.8	21.9	17.1	9.5	4.0	1.5	.7	.1		100.0	16.3	16.0

TOTAL NUMBER OF OBSERVATIONS: 23045

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	AAAAAAAAA	RRRRRRR	TT	DD DD
PP	AAAAAAAAA	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 I
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: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	25.5	25.5	25.5	25.5	25.8	25.8	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 20000	26.5	26.5	26.5	26.5	26.9	26.9	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 18000	27.1	27.1	27.1	27.1	27.4	27.4	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 16000	27.3	27.3	27.3	27.3	27.6	27.6	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 14000	27.4	27.4	27.4	27.4	27.7	27.7	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 12000	27.7	27.7	27.7	27.7	28.1	28.1	28.4	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5
GE 10000	28.4	28.4	28.4	28.4	28.7	28.7	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 9000	28.5	28.5	28.5	28.5	28.8	28.8	29.1	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 8000	28.8	28.8	28.8	28.8	29.1	29.1	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 7000	29.4	29.4	29.4	29.4	29.7	29.7	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 6000	30.9	30.9	31.0	31.0	31.3	31.3	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 5000	32.7	32.7	32.8	33.0	33.4	33.4	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 4500	33.6	33.6	33.7	33.9	34.2	34.2	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 4000	35.8	35.8	35.9	36.1	36.4	36.4	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
GE 3500	37.9	38.0	38.2	38.5	39.0	39.0	39.3	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 3000	43.8	44.2	45.0	45.4	46.3	46.3	46.6	46.7	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 2500	52.3	53.3	54.6	55.1	56.4	56.4	56.8	56.9	56.9	57.1	57.1	57.1	57.5	57.5	57.5	58.0
GE 2000	61.5	63.	65.4	66.4	67.7	67.7	68.0	68.1	68.1	68.5	68.5	68.5	69.1	69.2	69.2	69.8
GE 1800	62.6	64.4	66.8	68.0	69.3	69.3	70.0	70.1	70.1	70.4	70.4	70.4	71.2	71.3	71.3	71.8
GE 1500	66.5	68.9	71.9	73.2	74.8	74.8	75.5	75.6	75.6	76.4	76.4	76.4	77.4	77.6	77.6	78.1
GE 1200	69.9	72.5	76.3	77.7	79.5	79.5	80.3	80.6	80.6	81.7	81.7	81.7	82.7	82.9	83.0	83.5
GE 1000	70.9	73.6	77.7	79.2	81.1	81.1	82.0	82.3	82.3	83.9	83.9	83.9	84.9	85.2	85.3	85.8
GE 900	71.7	74.8	78.9	80.6	82.7	82.8	83.6	84.1	84.1	85.6	85.7	85.7	86.8	87.0	87.1	87.6
GE 800	72.7	75.7	80.2	81.9	84.1	84.2	85.2	85.6	85.6	87.3	87.9	87.9	88.9	89.2	89.3	89.8
GE 700	72.9	75.9	80.5	82.4	85.0	85.2	86.1	86.9	86.9	88.6	89.3	89.3	90.4	90.6	90.8	91.3
GE 600	73.3	76.4	81.0	83.1	86.1	86.2	87.3	88.3	88.3	90.4	91.0	91.0	92.2	92.4	92.6	93.2
GE 500	74.0	77.0	81.9	84.2	87.6	87.9	90.1	91.5	91.7	93.8	94.5	94.5	95.7	96.1	96.3	96.9
GE 400	74.0	77.0	81.9	84.2	88.0	88.2	90.6	92.0	92.1	94.4	95.4	95.6	97.0	97.4	97.6	98.2
GE 300	74.1	77.1	82.0	84.3	88.1	88.3	90.7	92.1	92.2	94.5	95.9	96.1	98.0	98.7	98.9	99.5
GE 200	74.1	77.1	82.0	84.3	88.1	88.3	90.7	92.1	92.2	94.5	96.2	96.4	98.4	99.0	99.2	100.0
GE 100	74.1	77.1	82.0	84.3	88.1	88.3	90.7	92.1	92.2	94.5	96.2	96.4	98.4	99.0	99.2	100.0
GE 000	74.1	77.1	82.0	84.3	88.1	88.3	90.7	92.1	92.2	94.5	96.2	96.4	98.4	99.0	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	23.5	23.6	23.7	23.7	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 20000	24.5	24.6	24.7	24.7	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 18000	24.9	25.0	25.1	25.1	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 16000	25.6	25.7	25.8	25.8	26.1	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 14000	26.2	26.3	26.4	26.4	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 12000	27.2	27.3	27.4	27.4	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 10000	27.6	27.7	27.8	27.8	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 9000	28.3	28.4	28.5	28.5	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 8000	28.5	28.6	28.7	28.7	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 7000	30.2	30.3	30.4	30.4	30.8	30.8	30.8	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9	30.9
GE 6000	31.7	31.9	32.1	32.1	32.4	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 5000	32.8	33.3	33.6	33.6	33.9	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 4500	33.4	33.8	34.1	34.1	34.5	34.5	34.5	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6	34.6
GE 4000	35.1	35.5	35.9	36.0	36.3	36.3	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 3500	38.4	39.1	39.7	39.8	40.2	40.2	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 3000	42.9	43.8	44.6	44.9	45.5	45.5	46.0	46.2	46.2	46.3	46.4	46.4	46.4	46.4	46.4	46.4
GE 2500	51.1	52.0	53.4	53.8	55.0	55.0	55.6	55.7	55.7	56.2	56.4	56.4	56.4	56.4	56.4	56.8
GE 2000	60.1	61.1	63.4	63.9	65.4	65.4	66.0	66.1	66.1	66.6	66.8	66.8	66.8	66.8	66.8	67.3
GE 1800	61.8	62.8	65.7	66.3	68.1	68.1	68.9	69.2	69.2	69.8	70.0	70.0	70.1	70.1	70.1	70.5
GE 1500	67.5	68.8	72.7	73.5	75.6	75.7	76.5	76.9	76.9	77.7	78.0	78.0	78.4	78.4	78.4	78.9
GE 1200	70.7	72.5	77.0	78.0	80.6	80.7	81.5	82.0	82.0	82.9	83.2	83.2	83.7	83.7	83.7	84.2
GE 1000	71.9	73.9	78.7	80.0	82.8	82.9	83.9	84.5	84.5	85.4	85.7	85.7	86.6	86.6	86.7	87.1
GE 900	72.5	74.4	79.2	80.5	83.5	83.9	84.8	85.5	85.5	86.3	86.7	86.7	87.5	87.5	87.6	88.1
GE 800	73.2	75.2	80.3	81.8	85.0	85.4	86.3	87.1	87.1	88.0	88.6	88.6	89.6	89.6	89.7	90.1
GE 700	73.5	75.4	80.5	82.0	85.7	86.0	87.1	88.4	88.4	89.3	89.9	89.9	90.9	91.0	91.1	91.5
GE 600	73.6	75.5	80.8	82.4	86.7	87.0	88.1	89.7	89.7	90.6	91.2	91.2	92.3	92.4	92.5	93.0
GE 500	74.0	75.9	81.4	83.3	87.9	88.2	90.0	91.7	91.8	92.8	93.6	93.6	94.8	94.9	95.1	95.6
GE 400	74.0	75.9	81.4	83.4	88.0	88.3	90.4	92.0	92.1	93.2	94.4	94.4	95.6	95.7	95.9	96.3
GE 300	74.1	76.1	81.5	83.6	88.6	88.9	91.1	92.7	92.8	93.9	95.4	95.4	97.0	97.1	97.4	97.8
GE 200	74.1	76.1	81.5	83.9	88.8	89.3	91.4	93.1	93.2	94.3	96.0	96.0	98.3	98.4	98.7	99.5
GE 100	74.1	76.1	81.5	83.9	88.8	89.3	91.4	93.1	93.2	94.3	96.0	96.0	98.4	98.5	99.2	100.0
GE 000	74.1	76.1	81.5	83.9	88.8	89.3	91.4	93.1	93.2	94.3	96.0	96.0	98.4	98.5	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.6	20.6	20.7	20.7	20.7	20.8	20.8
GE 20000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.7	21.7	21.8	21.8	21.8	21.9	21.9
GE 18000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.1	22.1	22.1	22.2	22.2
GE 16000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.5	22.5
GE 14000	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0	23.1	23.1	23.1	23.2	23.2
GE 12000	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.5	23.5	23.5	23.6	23.6
GE 10000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.3	24.3	24.3	24.4	24.4
GE 9000	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.1	25.1
GE 8000	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.1	25.2	25.2	25.2	25.4	25.4
GE 7000	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	27.0	27.0	27.1	27.1	27.1	27.2	27.2
GE 6000	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.4	29.4	29.5	29.5	29.5	29.6	29.6
GE 5000	30.6	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.9	30.9	30.9	31.0	31.0
GE 4500	31.8	31.8	31.8	31.9	32.0	32.0	32.0	32.0	32.0	32.1	32.1	32.2	32.2	32.2	32.3	32.3
GE 4000	33.0	33.1	33.3	33.5	33.6	33.6	33.6	33.6	33.6	33.7	33.7	33.8	33.8	33.8	33.9	33.9
GE 3500	35.1	35.3	35.5	35.7	35.8	35.8	35.8	35.8	35.8	36.2	36.2	36.3	36.3	36.3	36.5	36.5
GE 3000	41.6	41.9	42.7	43.0	43.5	43.5	43.6	43.6	43.6	44.1	44.1	44.2	44.2	44.2	44.3	44.3
GE 2500	51.0	51.7	53.3	53.9	55.0	55.0	55.1	55.1	55.1	55.6	55.6	55.7	55.7	55.7	56.1	56.1
GE 2000	60.2	61.3	63.9	64.6	66.9	66.9	67.1	67.1	67.1	67.9	67.9	68.0	68.1	68.1	68.7	68.7
GE 1800	62.4	63.8	66.8	67.7	70.2	70.2	70.5	70.5	70.5	71.3	71.3	71.4	71.6	71.6	72.1	72.1
GE 1500	66.8	68.7	72.7	73.7	76.5	76.5	76.9	76.9	76.9	77.7	77.7	77.8	78.0	78.0	78.6	78.6
GE 1200	69.5	71.6	77.0	78.1	81.4	81.5	81.9	82.0	82.0	82.9	82.9	83.0	83.4	83.4	83.9	83.9
GE 1000	71.1	73.3	79.1	80.5	84.3	84.4	85.5	85.9	85.9	86.7	86.9	87.1	87.8	87.8	88.4	88.4
GE 900	71.8	74.2	80.1	81.6	85.6	85.7	87.1	87.6	87.6	88.5	88.8	88.9	89.7	89.7	90.2	90.2
GE 800	72.4	74.8	80.6	82.2	86.5	86.6	88.0	88.6	88.6	89.6	90.0	90.1	90.9	90.9	91.4	91.4
GE 700	72.8	75.3	81.5	83.0	87.9	88.1	89.9	90.4	90.4	91.4	91.8	91.9	92.8	92.8	93.4	93.4
GE 600	73.3	76.0	82.3	83.8	88.9	89.1	91.0	91.5	91.5	92.7	93.1	93.3	94.1	94.1	94.7	94.7
GE 500	73.6	76.3	82.7	84.2	89.6	89.8	92.1	92.9	93.0	94.5	94.9	95.0	96.1	96.1	96.6	96.6
GE 400	73.7	76.4	82.9	84.4	90.0	90.2	92.5	93.4	93.5	95.0	95.5	95.6	96.7	96.7	97.4	97.4
GE 300	73.7	76.4	83.0	84.5	90.1	90.3	92.6	93.6	93.7	95.2	96.0	96.3	97.7	97.8	98.8	98.8
GE 200	73.7	76.5	83.1	84.9	90.4	90.6	92.9	93.9	94.0	95.5	96.3	96.6	98.4	98.5	99.6	99.9
GE 100	73.7	76.5	83.1	84.9	90.4	90.6	92.9	94.0	94.1	95.6	96.4	96.7	98.5	98.6	99.7	100.0
GE 000	73.7	76.5	83.1	84.9	90.4	90.6	92.9	94.0	94.1	95.6	96.4	96.7	98.5	98.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.2	20.2
GE 20000	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.2
GE 18000	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7
GE 16000	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8
GE 14000	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3
GE 12000	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8
GE 10000	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.7
GE 9000	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.2	25.2
GE 8000	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.2
GE 7000	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	28.0	28.0
GE 6000	29.1	29.2	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.6	29.6
GE 5000	30.1	30.2	30.3	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8
GE 4500	31.0	31.1	31.3	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.9	31.9
GE 4000	32.8	32.9	33.0	33.4	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.7	33.8	33.8
GE 3500	35.5	35.6	35.7	36.3	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.7	36.7
GE 3000	40.8	41.0	41.3	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.0	42.2	42.3	42.3
GE 2500	49.7	50.4	51.4	52.2	53.1	53.1	53.2	53.3	53.4	53.4	53.6	53.6	53.7	53.9	54.2	54.3
GE 2000	59.5	60.5	62.4	63.7	65.6	65.6	65.9	66.0	66.1	66.2	66.4	66.6	66.8	67.0	67.3	67.4
GE 1800	60.5	61.9	63.9	65.2	67.2	67.2	67.8	68.0	68.1	68.2	68.4	68.5	69.0	69.2	69.5	69.6
GE 1500	65.2	67.5	69.9	71.7	74.0	74.1	75.0	75.3	75.4	75.7	76.1	76.3	76.7	76.9	77.3	77.4
GE 1200	68.6	71.3	74.1	76.8	79.6	79.7	81.1	81.6	81.7	82.4	82.8	83.1	83.7	83.9	84.4	84.5
GE 1000	69.1	71.9	75.1	77.8	80.9	81.0	82.5	83.2	83.5	84.2	84.7	84.9	85.6	85.8	86.2	86.3
GE 900	69.4	72.2	75.6	78.6	82.1	82.3	83.8	84.6	84.9	85.8	86.3	86.6	87.2	87.4	87.9	88.0
GE 800	70.4	73.2	76.7	79.7	83.4	83.6	85.2	86.1	86.4	87.4	88.1	88.3	89.1	89.3	89.7	89.8
GE 700	71.1	74.4	78.1	81.2	84.9	85.2	87.0	88.1	88.4	89.6	90.3	90.1	91.4	91.6	92.0	92.1
GE 600	71.7	75.0	78.7	81.9	85.6	85.9	87.9	89.2	89.7	90.9	91.6	91.9	92.8	93.0	93.6	93.7
GE 500	72.2	75.5	79.2	82.5	86.8	87.1	89.4	90.8	91.4	93.1	94.1	94.4	95.5	95.8	96.4	96.6
GE 400	72.3	75.7	79.7	83.0	87.3	87.7	90.3	92.1	92.7	94.5	95.5	95.8	97.0	97.4	98.0	98.4
GE 300	72.3	75.7	79.7	83.1	87.4	87.8	90.5	92.3	93.0	95.0	96.0	96.3	97.7	98.0	99.1	99.6
GE 200	72.3	75.7	79.7	83.1	87.4	87.8	90.5	92.3	93.0	95.0	96.0	96.3	97.7	98.0	99.3	99.8
GE 100	72.3	75.7	79.7	83.1	87.4	87.8	90.5	92.3	93.0	95.0	96.1	96.4	97.8	98.1	99.6	100.0
GE 000	72.3	75.7	79.7	83.1	87.4	87.8	90.5	92.3	93.0	95.0	96.1	96.4	97.8	98.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 20000	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 18000	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 16000	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 14000	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 12000	26.4	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 10000	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 9000	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 8000	29.1	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 7000	29.8	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 6000	31.4	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 5000	32.9	33.2	33.6	33.6	33.6	33.6	33.6	33.6	33.6	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 4500	33.6	33.9	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 4000	34.9	35.2	35.5	35.5	35.7	35.7	35.7	35.7	35.7	36.2	36.2	36.2	36.2	36.2	36.2	36.2
GE 3500	37.6	37.9	38.4	38.4	38.6	38.6	38.6	38.6	38.6	39.0	39.0	39.0	39.0	39.1	39.1	39.1
GE 3000	43.2	43.6	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.9	44.9	44.9	44.9	45.0	45.0	45.0
GE 2500	52.9	53.7	55.1	55.2	56.3	56.3	56.4	56.5	56.6	57.3	57.5	57.5	57.7	57.9	58.0	58.0
GE 2000	61.1	62.1	64.0	64.4	66.1	66.2	66.7	67.0	67.2	68.2	68.6	68.6	68.9	69.1	69.3	69.3
GE 1800	62.7	63.8	66.1	66.9	68.7	68.9	69.3	69.6	69.8	70.8	71.3	71.3	71.5	71.7	71.9	72.0
GE 1500	68.2	69.7	72.2	73.4	76.5	76.6	77.3	77.8	78.0	79.0	79.7	79.7	80.0	80.2	80.5	80.8
GE 1200	71.3	73.2	76.0	77.6	80.9	81.1	82.1	82.7	83.0	84.0	84.7	84.7	85.1	85.4	85.7	86.1
GE 1000	72.3	74.5	77.4	79.1	82.7	83.1	84.3	85.1	85.5	86.6	87.5	87.5	88.0	88.2	88.5	89.0
GE 900	72.6	74.9	77.7	79.7	83.3	83.6	84.9	85.9	86.2	87.3	88.3	88.3	88.7	89.0	89.4	89.9
GE 800	73.6	75.8	79.0	81.0	84.6	85.4	86.8	87.9	88.2	89.3	90.5	90.5	90.9	91.1	91.6	92.1
GE 700	73.8	76.1	79.5	81.4	85.2	86.0	87.5	88.7	89.1	90.4	91.6	91.6	92.1	92.3	92.8	93.3
GE 600	74.0	76.4	80.1	82.1	86.0	86.8	88.4	90.1	90.6	91.9	93.2	93.2	93.9	94.1	94.5	95.1
GE 500	74.2	76.7	80.7	82.6	87.0	87.9	90.1	91.8	92.3	94.1	95.6	95.6	96.3	96.5	97.2	97.9
GE 400	74.2	76.7	80.8	82.7	87.1	88.2	90.4	92.1	92.8	94.5	96.1	96.1	96.7	96.9	97.6	98.4
GE 300	74.2	76.7	80.8	82.7	87.1	88.2	90.4	92.1	92.8	94.5	96.4	96.4	97.0	97.3	98.3	99.0
GE 200	74.2	76.7	80.8	82.7	87.1	88.2	90.4	92.1	92.8	94.5	96.4	96.4	97.3	97.5	99.0	99.9
GE 100	74.2	76.7	80.8	82.7	87.1	88.2	90.4	92.1	92.8	94.5	96.4	96.4	97.3	97.5	99.0	99.9
GE 000	74.2	76.7	80.8	82.7	87.1	88.2	90.4	92.1	92.8	94.5	96.4	96.4	97.3	97.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 915

OPERATING LOCATION "A"
USAFETAC ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.1	22.1	22.1	22.1	22.1	22.2	22.2
GE 20000	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.7	24.7	24.7	24.7	24.7	24.8	24.8
GE 18000	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.6	26.6
GE 16000	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.6	26.6	26.6	26.6	26.6	26.7	26.7
GE 14000	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.2	27.2
GE 12000	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.3	28.3	28.6	28.6	28.6	28.6	28.6	28.7	28.7
GE 10000	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.2	29.4	29.4	29.4	29.4	29.4	29.5	29.5
GE 9000	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.6	29.6	29.9	29.9	29.9	29.9	29.9	30.0	30.0
GE 8000	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.9	30.9	30.9	30.9	30.9	31.0	31.0
GE 7000	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	32.1	32.1	32.1	32.1	32.1	32.2	32.2
GE 6000	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.7	32.7	32.9	32.9	32.9	32.9	32.9	33.0	33.0
GE 5000	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.1	34.1	34.4	34.4	34.4	34.4	34.4	34.5	34.5
GE 4500	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.4	35.4	35.4	35.4	35.4	35.6	35.6
GE 4000	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.5	36.5	36.5	36.5	36.5	36.7	36.7
GE 3500	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.9	38.9	39.2	39.2	39.2	39.2	39.2	39.3	39.3
GE 3000	44.9	45.2	45.3	45.7	46.0	46.0	46.1	46.2	46.2	46.4	46.5	46.5	46.5	46.5	46.6	46.6
GE 2500	53.3	54.2	54.8	55.8	56.8	56.8	57.2	57.4	57.4	57.8	58.3	58.3	58.5	58.5	59.3	59.4
GE 2000	61.7	63.0	64.2	65.8	67.3	67.4	68.2	68.4	68.4	69.1	69.8	69.9	70.4	70.4	71.1	71.2
GE 1800	63.7	65.5	66.8	68.4	70.1	70.2	71.0	71.3	71.4	72.3	73.0	73.1	73.5	73.5	74.4	74.5
GE 1500	68.1	70.2	72.6	74.4	76.8	76.9	77.8	78.1	78.2	79.1	79.8	79.9	80.5	80.5	81.4	81.5
GE 1200	71.2	74.2	77.1	78.9	81.6	81.7	82.8	83.3	83.4	84.2	85.0	85.1	86.0	86.1	87.1	87.2
GE 1000	71.7	74.7	78.1	80.1	83.0	83.3	85.0	85.4	85.6	86.4	87.3	87.4	88.3	88.4	89.4	89.5
GE 900	72.1	75.2	79.0	81.0	84.0	84.4	86.2	86.7	86.8	87.6	88.6	88.7	89.7	89.8	90.8	90.9
GE 800	72.9	76.0	80.0	81.9	85.0	85.3	87.2	88.0	88.1	89.2	90.5	90.6	91.7	91.8	92.8	92.9
GE 700	73.0	76.3	80.4	82.6	85.8	86.2	88.3	89.1	89.2	90.5	91.8	91.9	93.2	93.4	94.4	94.6
GE 600	73.0	76.3	80.4	82.7	85.9	86.5	88.6	89.7	89.8	91.2	92.6	92.7	94.2	94.4	95.4	95.6
GE 500	73.2	76.5	80.6	82.9	86.8	87.5	89.8	90.9	91.0	93.2	94.5	94.6	96.3	96.5	97.5	97.7
GE 400	73.3	76.6	80.7	83.0	87.0	87.7	90.0	91.5	91.6	93.9	95.2	95.3	96.9	97.3	98.2	98.5
GE 300	73.3	76.6	80.7	83.0	87.0	87.7	90.0	91.5	91.6	94.0	95.4	95.5	97.7	98.1	99.2	99.5
GE 200	73.3	76.6	80.7	83.0	87.0	87.7	90.0	91.5	91.6	94.0	95.5	95.6	97.9	98.5	99.7	100.0
GE 100	73.3	76.6	80.7	83.0	87.0	87.7	90.0	91.5	91.6	94.0	95.5	95.6	97.9	98.5	99.7	100.0
GE 000	73.3	76.6	80.7	83.0	87.0	87.7	90.0	91.5	91.6	94.0	95.5	95.6	97.9	98.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 914

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.7	21.7
GE 20000	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.9	23.9
GE 18000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.8	24.8	24.9	24.9	24.9	24.9	24.9	25.1	25.1
GE 16000	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	25.1	25.1	25.1	25.1	25.1	25.2	25.2
GE 14000	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.6	25.6
GE 12000	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.1	26.1
GE 10000	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.5	27.5
GE 9000	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.5	27.5
GE 8000	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.1	28.1
GE 7000	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.4	29.4
GE 6000	30.2	30.3	30.6	30.6	30.6	30.6	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.9	30.9
GE 5000	32.2	32.3	32.5	32.6	32.6	32.6	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.9	32.9
GE 4500	33.3	33.4	33.7	33.8	33.8	33.8	33.8	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.1	34.1
GE 4000	35.0	35.2	35.5	35.6	35.6	35.6	35.6	35.7	35.7	35.9	35.9	35.9	35.9	35.9	36.0	36.0
GE 3500	37.8	38.1	38.6	38.8	38.8	38.8	38.8	38.9	38.9	39.0	39.0	39.0	39.0	39.0	39.1	39.1
GE 3000	46.0	46.3	46.8	47.2	47.5	47.5	47.5	47.6	47.6	47.7	47.8	47.8	47.8	47.8	47.9	47.9
GE 2500	53.2	53.9	55.0	55.8	56.8	56.8	56.9	57.5	57.5	58.1	58.3	58.3	58.3	58.4	58.5	59.2
GE 2000	62.2	63.3	65.1	66.3	67.6	67.6	67.8	68.4	68.7	69.9	70.1	70.1	70.3	70.4	70.5	71.2
GE 1800	63.0	64.1	66.1	67.4	69.2	69.2	69.4	70.1	70.4	71.6	71.9	71.9	72.1	72.2	72.4	73.0
GE 1500	67.8	69.3	71.9	73.5	75.8	75.8	76.3	77.3	77.6	79.4	79.9	79.9	80.3	80.5	80.6	81.2
GE 1200	71.6	73.7	77.1	78.9	81.7	81.7	82.5	83.5	83.8	85.6	86.2	86.2	86.9	87.1	87.6	88.2
GE 1000	73.0	75.2	78.8	80.9	84.0	84.0	85.0	86.0	86.3	88.2	88.8	88.8	89.5	90.0	90.5	91.1
GE 900	73.3	75.5	79.3	81.4	84.9	85.1	86.1	87.0	87.4	89.3	89.8	89.8	90.7	91.1	91.7	92.3
GE 800	73.7	75.8	79.9	82.1	85.5	85.9	86.8	87.8	88.1	90.2	91.0	91.1	92.0	92.4	93.0	93.6
GE 700	74.0	76.2	80.6	82.8	86.7	87.0	88.2	89.5	89.8	91.9	92.9	93.0	94.0	94.4	94.9	95.6
GE 600	74.0	76.2	80.7	83.0	87.0	87.4	88.7	90.0	90.3	92.3	93.3	93.4	94.6	95.0	95.6	96.2
GE 500	74.0	76.3	80.8	83.2	87.4	87.7	89.2	90.5	90.8	93.2	94.3	94.4	95.8	96.2	96.8	97.4
GE 400	74.1	76.6	81.0	83.4	87.6	87.9	89.5	91.0	91.4	93.8	94.9	95.0	96.5	97.0	97.5	98.2
GE 300	74.1	76.8	81.2	83.7	87.9	88.2	90.0	91.5	91.8	94.3	95.5	95.8	97.8	98.6	99.2	99.9
GE 200	74.1	76.8	81.2	83.7	87.9	88.3	90.1	91.6	91.9	94.4	95.6	95.9	97.9	98.7	99.4	100.0
GE 100	74.1	76.8	81.2	83.7	87.9	88.3	90.1	91.6	91.9	94.4	95.6	95.9	97.9	98.7	99.4	100.0
GE 000	74.1	76.8	81.2	83.7	87.9	88.3	90.1	91.6	91.9	94.4	95.6	95.9	97.9	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	23.0	23.1	23.1	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4
GE 20000	24.1	24.2	24.2	24.3	24.3	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.5	24.5	24.5	24.5
GE 19000	24.5	24.6	24.6	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9
GE 18000	24.8	24.9	24.9	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3
GE 14000	25.2	25.3	25.3	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6
GE 12000	25.6	25.7	25.7	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.0	26.0	26.0	26.0
GE 10000	26.1	26.2	26.4	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7
GE 9000	26.2	26.4	26.5	26.6	26.6	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8
GE 8000	26.9	27.0	27.1	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.4	27.4	27.4	27.4
GE 7000	27.7	27.8	27.9	28.0	28.0	28.0	28.1	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.2
GE 6000	27.9	28.0	28.1	28.2	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.5
GE 5000	29.3	29.4	29.6	29.7	29.8	29.8	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0
GE 4500	30.3	30.4	30.8	30.9	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2
GE 4000	32.0	32.1	32.6	32.8	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1	33.1
GE 3500	34.5	34.8	35.4	35.6	35.7	35.9	36.1	36.1	36.1	36.1	36.1	36.1	36.2	36.2	36.2	36.2
GE 3000	43.6	43.9	45.0	45.2	45.3	45.6	45.8	46.1	46.1	46.1	46.1	46.1	46.2	46.2	46.2	46.2
GE 2500	51.0	51.6	53.3	54.1	55.0	55.3	55.9	56.4	56.4	56.6	56.6	56.6	56.8	56.8	57.0	57.4
GE 2000	59.5	60.6	62.9	64.2	65.7	66.2	66.9	67.7	67.7	68.2	68.2	68.3	68.5	68.5	68.9	69.2
GE 1800	61.6	62.8	65.2	66.7	68.4	68.9	69.6	70.4	70.4	70.9	70.9	71.0	71.3	71.3	71.6	71.9
GE 1500	67.4	68.7	71.9	74.0	76.2	76.7	77.5	78.6	78.6	79.5	79.5	79.6	79.9	79.9	80.4	80.7
GE 1200	70.7	72.0	75.9	78.6	81.3	81.8	82.6	83.7	83.8	85.4	85.4	85.5	86.0	86.1	86.8	87.1
GE 1000	71.8	73.1	77.4	80.5	83.7	84.3	85.2	86.4	86.7	88.2	88.2	88.3	88.8	88.9	89.6	89.9
GE 900	72.2	73.9	78.3	81.5	84.9	85.6	86.6	87.7	88.0	89.5	89.5	89.6	90.5	90.6	91.2	91.5
GE 800	73.0	74.7	79.2	82.4	86.1	86.8	87.7	88.9	89.2	90.7	91.0	91.1	92.0	92.1	92.7	93.1
GE 700	73.1	74.8	79.5	83.2	87.0	87.7	88.7	90.2	90.5	92.0	92.3	92.4	93.3	93.4	94.0	94.4
GE 600	73.4	75.2	79.8	83.5	87.3	88.1	89.0	90.6	91.0	92.8	93.2	93.3	94.1	94.4	95.1	95.4
GE 500	73.6	75.5	80.2	83.8	87.6	88.4	89.9	91.8	92.3	94.4	94.7	94.8	95.7	95.9	96.6	97.0
GE 400	73.8	75.7	80.6	84.5	88.6	89.4	90.9	92.7	93.3	95.4	95.8	95.9	97.0	97.2	97.9	98.3
GE 300	73.8	75.7	80.8	84.7	89.0	89.8	91.3	93.2	93.7	95.9	96.3	96.4	97.8	98.5	99.2	99.6
GE 200	73.8	75.7	80.8	84.7	89.0	89.8	91.3	93.2	93.7	95.9	96.4	96.5	97.9	98.7	99.7	100.0
GE 100	73.8	75.7	80.8	84.7	89.0	89.8	91.3	93.2	93.7	95.9	96.4	96.5	97.9	98.7	99.7	100.0
GE 000	73.8	75.7	80.8	84.7	89.0	89.8	91.3	93.2	93.7	95.9	96.4	96.5	97.9	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	22.1	22.1	22.1	22.1	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.5	22.5
GE 20000	23.7	23.7	23.7	23.8	23.8	23.8	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.1	24.1
GE 18000	24.6	24.6	24.6	24.7	24.7	24.7	24.8	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0
GE 16000	24.8	24.9	24.9	24.9	25.0	25.0	25.1	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.3	25.3
GE 14000	25.3	25.3	25.4	25.4	25.4	25.4	25.5	25.6	25.6	25.6	25.6	25.7	25.7	25.7	25.7	25.7
GE 12000	26.0	26.0	26.1	26.1	26.2	26.2	26.2	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 10000	26.8	26.9	26.9	26.9	27.0	27.0	27.0	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.3	27.3
GE 9000	27.2	27.3	27.3	27.3	27.4	27.4	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.7	27.7
GE 8000	27.8	27.9	27.9	27.9	28.0	28.0	28.1	28.1	28.1	28.2	28.2	28.2	28.3	28.3	28.3	28.3
GE 7000	29.0	29.1	29.2	29.2	29.3	29.3	29.3	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.6	29.6
GE 6000	30.4	30.5	30.6	30.6	30.7	30.7	30.8	30.8	30.8	30.9	30.9	30.9	30.9	30.9	31.0	31.0
GE 5000	31.8	32.0	32.1	32.2	32.3	32.3	32.4	32.4	32.4	32.5	32.5	32.6	32.6	32.6	32.6	32.6
GE 4500	32.7	32.9	33.1	33.2	33.3	33.3	33.4	33.4	33.4	33.5	33.5	33.5	33.6	33.6	33.6	33.6
GE 4000	34.3	34.5	34.7	34.9	35.0	35.0	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.4	35.4
GE 3500	36.9	37.2	37.5	37.7	37.9	37.9	38.0	38.1	38.1	38.2	38.2	38.3	38.3	38.3	38.4	38.4
GE 3000	43.3	43.7	44.4	44.7	45.1	45.1	45.2	45.3	45.3	45.5	45.6	45.6	45.6	45.6	45.7	45.7
GE 2500	51.8	52.6	53.9	54.5	55.6	55.6	55.9	56.1	56.1	56.5	56.7	56.7	56.8	56.9	57.2	57.4
GE 2000	60.7	61.9	63.9	64.9	66.5	66.6	67.1	67.4	67.4	68.1	68.3	68.4	68.6	68.7	69.0	69.3
GE 1800	62.3	63.6	65.9	67.1	68.9	69.0	69.6	69.9	70.0	70.7	70.9	71.0	71.3	71.4	71.7	71.9
GE 1500	67.2	69.0	72.0	73.4	75.8	75.9	76.6	77.1	77.2	78.1	78.4	78.4	78.9	79.0	79.3	79.6
GE 1200	70.4	72.6	76.3	78.1	80.8	81.0	81.9	82.4	82.5	83.6	84.0	84.1	84.7	84.8	85.3	85.6
GE 1000	71.5	73.8	77.8	79.8	82.8	83.0	84.2	84.9	85.0	86.2	86.6	86.7	87.4	87.6	88.1	88.4
GE 900	72.0	74.4	78.5	80.6	83.9	84.2	85.4	86.1	86.3	87.5	88.0	88.0	88.9	89.0	89.5	89.8
GE 800	72.7	75.2	79.5	81.6	85.0	85.4	86.7	87.5	87.7	88.9	89.7	89.8	90.6	90.8	91.3	91.6
GE 700	73.0	75.6	80.1	82.3	86.0	86.4	87.9	88.9	89.1	90.5	91.2	91.3	92.3	92.4	92.9	93.3
GE 600	73.3	75.9	80.5	82.8	86.7	87.1	88.6	89.9	90.1	91.6	92.4	92.5	93.5	93.7	94.3	94.6
GE 500	73.6	76.2	80.9	83.3	87.6	88.1	90.1	91.5	91.8	93.6	94.5	94.6	95.8	96.0	96.6	97.0
GE 400	73.7	76.3	81.1	83.6	87.9	88.4	90.6	92.1	92.4	94.3	95.4	95.5	96.7	96.9	97.5	97.9
GE 300	73.7	76.4	81.2	83.7	88.2	88.7	90.8	92.4	92.7	94.7	95.9	96.0	97.6	98.0	98.8	99.2
GE 200	73.7	76.4	81.2	83.8	88.2	88.8	90.9	92.5	92.8	94.8	96.0	96.2	98.0	98.4	99.3	99.9
GE 100	73.7	76.4	81.2	83.8	88.2	88.8	90.9	92.5	92.8	94.8	96.1	96.2	98.0	98.5	99.4	100.0
GE 000	73.7	76.4	81.2	83.8	88.2	88.8	90.9	92.5	92.8	94.8	96.1	96.2	98.0	98.5	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 7357

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.9	23.9	23.9	24.0	24.0
GE 20000	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.5	24.5
GE 18000	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.4	25.4
GE 16000	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.4	25.4
GE 14000	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.4	25.4	25.6	25.6
GE 12000	25.6	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	25.9	25.9
GE 10000	25.7	25.7	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	26.0	26.0	26.0	26.2	26.2
GE 9000	26.3	26.3	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.7	26.7
GE 8000	28.6	28.6	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	29.0	29.0	29.0	29.1	29.1
GE 7000	29.8	30.1	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.7	30.7
GE 6000	30.5	30.8	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.4	31.4
GE 5000	31.5	31.7	31.8	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.3	32.3
GE 4500	31.8	32.1	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.8	32.9	32.9	33.0	33.0
GE 4000	32.2	32.4	32.8	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.3	33.4	33.4	33.4	33.5	33.5
GE 3500	35.1	35.6	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.7	36.8	36.8	36.8	36.9	36.9
GE 3000	40.8	41.7	42.4	42.6	42.7	42.7	42.7	42.7	42.7	42.7	43.1	43.2	43.2	43.2	43.3	43.3
GE 2500	45.6	46.7	48.0	48.6	49.2	49.3	49.5	49.6	49.6	49.6	50.1	50.2	50.2	50.2	50.3	50.3
GE 2000	53.3	54.9	57.2	58.0	59.1	59.2	60.2	60.7	60.8	60.9	61.7	61.8	62.0	62.4	62.5	62.5
GE 1800	54.8	56.6	59.1	59.9	61.3	61.4	62.5	63.0	63.1	63.3	64.1	64.3	64.9	65.2	65.3	65.3
GE 1500	61.2	63.7	67.3	68.5	70.7	70.8	72.0	72.5	72.8	73.1	74.1	74.2	75.1	75.7	75.9	75.9
GE 1200	66.3	69.5	74.9	76.7	79.2	79.3	81.1	82.1	82.4	82.8	83.8	83.9	84.9	85.4	85.6	85.6
GE 1000	67.6	70.9	76.7	78.7	81.7	81.8	83.6	84.6	84.9	85.3	86.5	86.6	87.6	88.3	88.4	88.5
GE 900	68.4	71.8	77.6	79.6	82.7	83.2	85.1	86.2	86.4	86.9	88.0	88.2	89.1	89.8	89.9	90.1
GE 800	68.9	72.5	78.3	80.4	83.8	84.4	86.6	87.8	88.0	88.6	89.8	89.9	91.0	91.8	92.0	92.1
GE 700	69.2	72.9	78.9	81.1	84.5	85.1	87.5	88.8	89.0	89.7	90.9	91.0	92.1	92.9	93.3	93.4
GE 600	69.5	73.3	79.4	81.8	85.3	86.0	88.4	89.7	89.9	90.8	92.0	92.1	93.5	94.3	94.7	94.8
GE 500	69.7	73.5	79.6	82.2	86.0	87.0	89.3	91.0	91.2	92.3	93.5	93.6	95.5	96.3	96.7	96.8
GE 400	70.1	74.0	80.4	83.1	86.9	87.8	90.2	91.8	92.1	93.1	94.6	94.7	96.8	97.6	98.1	98.2
GE 300	70.2	74.1	80.5	83.2	87.0	88.0	90.4	92.2	92.4	93.6	95.1	95.3	97.4	98.2	98.7	98.8
GE 200	70.3	74.2	80.6	83.3	87.1	88.2	90.7	92.5	92.8	94.3	95.9	96.0	98.1	98.9	99.6	99.9
GE 100	70.3	74.2	80.6	83.3	87.1	88.2	90.7	92.5	92.8	94.3	96.0	96.1	98.2	99.1	99.8	100.0
GE 000	70.3	74.2	80.6	83.3	87.1	88.2	90.7	92.5	92.8	94.3	96.0	96.1	98.2	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	22.8	22.8	22.8	23.0	23.1	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.4	23.6	23.6
GE 20000	23.2	23.2	23.2	23.3	23.4	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.8	23.9	23.9
GE 18000	24.6	24.6	24.6	24.7	24.9	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.2	25.3	25.3
GE 16000	25.0	25.0	25.0	25.1	25.2	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.6	25.7	25.7
GE 14000	25.0	25.0	25.0	25.1	25.2	25.3	25.3	25.3	25.4	25.4	25.4	25.4	25.4	25.6	25.7	25.7
GE 12000	25.3	25.3	25.3	25.4	25.6	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.9	26.0	26.0
GE 10000	25.9	25.9	25.9	26.0	26.2	26.3	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.5	26.6	26.6
GE 9000	26.0	26.0	26.0	26.2	26.3	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.6	26.7	26.7
GE 8000	26.4	26.4	26.4	26.5	26.6	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	27.0	27.1	27.1
GE 7000	28.3	28.3	28.3	28.4	28.5	28.6	28.6	28.6	28.8	28.8	28.8	28.8	28.8	28.9	29.0	29.0
GE 6000	29.7	29.7	29.7	29.9	30.1	30.2	30.2	30.2	30.3	30.3	30.3	30.3	30.3	30.4	30.5	30.5
GE 5000	30.4	30.4	30.4	30.7	30.8	30.9	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.1	31.2	31.2
GE 4500	31.0	31.0	31.1	31.4	31.5	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.8	32.0	32.0
GE 4000	32.2	32.2	32.3	32.5	32.7	32.8	32.8	32.8	32.9	32.9	33.1	33.1	33.1	33.3	33.4	33.4
GE 3500	34.4	34.4	34.8	35.0	35.1	35.3	35.3	35.3	35.4	35.4	35.6	35.6	35.6	35.7	35.9	35.9
GE 3000	40.2	40.2	41.2	41.5	41.8	41.9	41.9	42.0	42.1	42.1	42.5	42.5	42.5	42.6	42.7	42.7
GE 2500	46.5	46.6	47.7	48.2	48.8	48.9	49.1	49.5	49.6	49.7	50.1	50.1	50.1	50.2	50.3	50.3
GE 2000	55.5	56.3	58.8	59.6	61.2	61.3	62.0	62.8	63.2	63.4	64.3	64.3	64.3	64.6	65.1	65.1
GE 1800	57.2	58.0	60.9	61.8	63.3	63.4	64.1	65.0	65.4	65.8	66.6	66.7	66.7	67.1	67.7	67.7
GE 1500	62.6	63.9	67.6	69.3	71.5	71.7	73.1	74.3	74.8	75.3	76.2	76.3	76.3	76.8	77.6	77.9
GE 1200	66.2	68.3	73.7	76.0	78.8	79.2	80.7	82.2	82.7	83.2	84.6	84.7	84.7	85.2	86.0	86.3
GE 1000	67.5	69.7	75.5	78.0	81.2	81.5	83.2	84.9	85.3	85.8	87.2	87.3	87.3	87.8	88.6	88.9
GE 900	68.3	70.5	76.7	79.2	82.4	82.7	84.4	86.2	86.6	87.1	88.5	88.6	88.8	89.2	90.1	90.3
GE 800	68.8	71.1	77.6	80.4	83.6	83.9	85.9	87.8	88.3	88.8	90.2	90.3	90.4	91.0	92.0	92.2
GE 700	68.8	71.1	77.8	80.6	83.8	84.1	86.3	88.2	88.6	89.1	90.5	90.7	90.8	91.4	92.3	92.7
GE 600	68.9	71.2	78.1	81.2	84.6	85.0	87.2	89.1	89.6	90.1	91.5	91.6	92.0	92.5	93.5	93.8
GE 500	69.2	71.6	78.5	81.7	85.2	85.9	88.5	90.5	91.1	91.7	93.3	93.4	93.8	94.4	95.4	95.7
GE 400	70.2	72.5	79.5	83.1	86.9	87.6	90.2	92.2	92.8	93.4	95.0	95.1	95.6	96.2	97.2	97.5
GE 300	70.2	72.5	79.8	83.3	87.3	88.3	91.2	93.3	93.8	94.8	96.6	96.7	97.3	97.9	99.1	99.4
GE 200	70.2	72.5	79.8	83.3	87.3	88.3	91.2	93.3	93.8	94.8	96.7	96.8	97.6	98.2	99.5	100.0
GE 100	70.2	72.5	79.8	83.3	87.3	88.3	91.2	93.3	93.8	94.8	96.7	96.8	97.6	98.2	99.5	100.0
GE 000	70.2	72.5	79.8	83.3	87.3	88.3	91.2	93.3	93.8	94.8	96.7	96.8	97.6	98.2	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 845

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	23.4	23.4	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 20000	24.4	24.4	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 18000	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 16000	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 14000	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 12000	25.1	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 10000	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 9000	26.3	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 8000	26.9	26.9	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 7000	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 6000	29.8	29.8	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 5000	30.4	30.5	30.6	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 4500	30.7	30.8	31.1	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 4000	31.3	31.4	31.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 3500	35.1	35.2	36.2	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 3000	40.2	40.3	41.9	42.5	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 2500	46.1	46.6	48.8	49.3	50.1	50.3	51.0	51.1	51.1	51.2	51.4	51.4	51.4	51.4	51.4	51.4
GE 2000	55.9	57.3	59.9	60.9	62.4	62.9	64.7	64.9	64.9	65.1	65.4	65.4	65.6	65.7	65.7	66.1
GE 1800	58.4	60.1	62.9	63.8	65.4	66.0	67.7	68.0	68.0	68.2	68.6	68.6	68.8	69.0	69.0	69.5
GE 1500	63.6	65.7	69.3	70.5	73.3	73.9	76.0	76.3	76.3	77.2	77.9	77.9	78.5	78.8	78.8	79.4
GE 1200	66.3	69.3	74.1	75.3	78.9	79.6	82.1	82.4	82.4	83.4	84.2	84.2	84.8	85.2	85.2	85.8
GE 1000	67.9	70.8	75.9	77.2	81.1	81.9	84.5	84.9	84.9	85.9	86.7	86.7	87.3	87.7	87.7	88.3
GE 900	68.4	71.6	77.0	78.3	82.3	83.0	85.8	86.2	86.2	87.2	88.0	88.1	88.8	89.2	89.3	89.9
GE 800	68.6	71.9	77.2	78.6	82.9	83.6	86.4	87.0	87.0	88.0	88.8	89.0	89.7	90.3	90.5	91.1
GE 700	68.7	72.2	77.6	79.4	83.6	84.3	87.1	87.7	87.7	88.7	89.6	89.7	90.4	91.0	91.2	91.8
GE 600	69.0	72.6	77.9	79.7	84.1	84.8	87.5	88.1	88.3	89.3	90.3	90.4	91.3	91.9	92.2	92.8
GE 500	69.3	73.0	78.8	80.5	85.3	86.0	88.8	89.6	89.7	91.1	92.1	92.2	93.4	94.1	94.3	94.9
GE 400	69.8	73.4	79.5	81.5	86.6	87.3	90.2	91.0	91.1	92.5	94.0	94.1	95.4	96.1	96.4	97.0
GE 300	69.8	73.4	79.5	81.9	87.1	87.8	90.7	91.6	91.7	93.5	95.0	95.1	96.8	97.5	98.1	98.8
GE 200	69.8	73.4	79.5	81.9	87.2	87.9	90.9	91.7	91.8	93.7	95.3	95.4	97.5	98.2	98.8	99.5
GE 100	69.8	73.4	79.5	81.9	87.2	87.9	90.9	91.7	91.8	93.7	95.5	95.6	97.9	98.6	99.3	100.0
GE 000	69.8	73.4	79.5	81.9	87.2	87.9	90.9	91.7	91.8	93.7	95.5	95.6	97.9	98.6	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	23.1	23.1	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.6
GE 20000	23.7	23.7	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.3	24.3	24.3	24.3	24.3	24.3
GE 18000	24.4	24.4	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	25.0	25.0	25.0	25.0	25.0	25.0
GE 16000	24.9	24.9	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.5	25.5	25.5	25.5	25.5	25.5
GE 14000	25.4	25.4	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	26.0	26.0	26.0	26.0	26.0	26.0
GE 12000	26.3	26.3	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.9	26.9	26.9	26.9	26.9	26.9
GE 10000	26.8	26.8	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.4	27.4	27.4	27.4	27.4	27.4
GE 9000	28.2	28.2	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.8	28.8	28.8	28.8	28.8	28.8
GE 8000	28.9	29.0	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.4	29.6	29.6	29.6	29.6	29.6	29.6
GE 7000	30.9	31.1	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.8	31.8	31.8	31.8	31.8	31.8
GE 6000	32.6	32.8	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5	33.5	33.5
GE 5000	32.9	33.3	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	34.1	34.1	34.1	34.1	34.1	34.1
GE 4500	34.1	34.5	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3
GE 4000	35.3	35.7	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.6	36.6	36.6	36.6	36.6	36.6
GE 3500	37.8	38.1	38.8	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.2	39.2	39.2	39.2	39.2	39.2
GE 3000	43.1	43.7	44.6	45.1	45.1	45.1	45.3	45.5	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7
GE 2500	51.0	51.9	53.4	54.7	55.1	55.3	56.1	56.2	56.2	56.7	57.1	57.1	57.4	57.4	57.4	57.4
GE 2000	57.5	58.9	61.2	62.9	64.2	64.7	66.0	66.2	66.2	67.1	67.8	67.9	68.4	68.5	68.7	69.1
GE 1800	59.6	61.2	63.5	65.4	66.8	67.5	68.8	69.3	69.3	70.5	71.3	71.4	71.9	72.0	72.3	72.6
GE 1500	64.6	66.4	69.4	71.9	73.8	74.7	76.5	77.1	77.1	78.3	79.3	79.5	80.3	80.6	80.9	81.6
GE 1200	67.1	68.9	72.8	75.3	77.3	78.4	80.4	81.0	81.0	82.4	83.5	83.6	84.5	84.9	85.1	85.8
GE 1000	68.0	70.1	74.3	76.9	79.0	80.0	82.2	82.8	82.8	84.5	85.6	85.7	86.8	87.1	87.4	88.1
GE 900	68.4	70.5	74.7	77.3	79.6	80.6	82.8	83.5	83.5	85.4	86.4	86.5	87.6	88.1	88.3	89.0
GE 800	68.8	71.0	75.3	78.2	80.5	81.6	83.7	84.4	84.4	86.3	87.4	87.5	88.5	89.1	89.4	90.1
GE 700	69.2	71.7	76.2	79.1	81.7	82.8	85.1	86.0	86.0	88.0	89.0	89.1	90.2	90.8	91.0	91.7
GE 600	69.7	72.1	76.7	79.7	82.4	83.5	86.0	86.8	86.8	88.8	90.0	90.1	91.1	91.9	92.1	92.8
GE 500	70.0	72.6	77.6	81.0	84.3	85.4	88.1	88.9	89.1	91.5	92.7	92.9	94.2	95.2	95.4	96.1
GE 400	70.1	72.7	77.7	81.1	84.7	85.8	88.5	89.5	89.7	92.1	93.5	93.7	95.3	96.3	96.6	97.3
GE 300	70.1	72.7	77.8	81.2	84.9	86.1	88.9	89.8	90.2	92.7	94.5	94.7	96.3	97.5	98.3	99.3
GE 200	70.1	72.7	77.8	81.2	84.9	86.1	88.9	89.8	90.2	92.7	94.5	94.7	96.8	98.0	98.8	100.0
GE 100	70.1	72.7	77.8	81.2	84.9	86.1	88.9	89.8	90.2	92.7	94.5	94.7	96.8	98.0	98.8	100.0
GE 000	70.1	72.7	77.8	81.2	84.9	86.1	88.9	89.8	90.2	92.7	94.5	94.7	96.8	98.0	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	22.7	22.8	22.9	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 20000	24.6	24.9	25.0	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 18000	25.9	26.2	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 16000	25.9	26.2	26.3	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 14000	26.2	26.4	26.5	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 12000	27.0	27.3	27.5	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 10000	27.2	27.6	27.7	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 9000	28.2	28.5	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 8000	29.5	29.8	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 7000	30.8	31.2	31.3	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 6000	31.7	32.1	32.3	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 5000	32.2	32.6	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 4500	33.5	33.9	34.1	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 4000	35.2	35.6	35.8	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 3500	37.6	37.9	38.2	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 3000	42.7	43.0	43.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 2500	50.4	51.0	51.5	52.3	52.8	52.8	53.6	53.6	53.6	53.7	53.7	53.7	53.7	53.9	53.9	53.9
GE 2000	57.6	58.7	60.0	61.6	63.3	63.6	65.3	65.6	65.6	66.0	66.0	66.0	66.1	66.2	66.3	66.7
GE 1800	59.2	60.5	62.0	63.7	65.9	66.2	68.0	68.4	68.4	68.7	68.7	68.8	69.0	69.1	69.2	69.6
GE 1500	65.2	66.9	69.4	71.7	74.8	75.3	77.4	78.1	78.1	79.0	79.0	79.1	80.0	80.1	80.5	81.0
GE 1200	69.4	71.5	74.3	76.9	81.1	81.7	84.1	84.8	84.8	85.7	86.1	86.2	87.3	87.4	87.8	88.2
GE 1000	70.7	72.8	76.0	78.7	83.1	83.7	86.3	87.0	87.0	88.0	88.6	88.7	89.8	89.9	90.2	90.7
GE 900	70.9	72.9	76.1	78.8	83.2	83.9	86.8	87.5	87.5	88.7	89.3	89.4	90.5	90.7	91.1	91.6
GE 800	71.3	73.5	76.8	79.8	84.2	84.9	87.9	88.7	88.7	90.0	90.7	90.8	91.9	92.3	92.6	93.1
GE 700	71.7	74.1	77.6	80.6	85.1	85.9	88.8	89.7	89.7	91.0	91.7	91.8	92.9	93.2	93.6	94.2
GE 600	71.9	74.6	78.2	81.2	85.9	86.6	89.5	90.4	90.4	91.8	92.5	92.6	93.7	94.2	94.5	95.1
GE 500	72.3	74.9	78.7	81.8	86.6	87.3	90.5	91.3	91.3	92.9	93.7	93.8	95.0	95.7	96.3	97.0
GE 400	72.4	75.0	79.0	82.0	86.9	87.9	91.1	91.9	91.9	93.5	94.3	94.4	95.6	96.3	96.9	97.6
GE 300	72.4	75.0	79.0	82.2	87.0	88.0	91.2	2.3	92.3	94.1	95.1	95.2	96.4	97.1	98.2	99.0
GE 200	72.4	75.0	79.0	82.2	87.0	88.0	91.2	92.4	92.5	94.4	95.5	95.6	96.9	97.6	98.8	100.0
GE 100	72.4	75.0	79.0	82.2	87.0	88.0	91.2	92.4	92.5	94.4	95.5	95.6	96.9	97.6	98.8	100.0
GE 000	72.4	75.0	79.0	82.2	87.0	88.0	91.2	92.4	92.5	94.4	95.5	95.6	96.9	97.6	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 841

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	19.6	19.7	19.7	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 20000	21.6	21.7	21.7	21.8	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 18000	23.8	24.1	24.1	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 16000	23.8	24.1	24.1	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 14000	24.4	24.7	24.7	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 12000	26.0	26.2	26.2	26.3	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 10000	27.0	27.3	27.3	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 9000	27.5	27.8	27.8	27.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 8000	29.3	29.5	29.5	29.7	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 7000	30.6	30.8	30.8	31.0	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 6000	31.7	31.9	31.9	32.0	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 5000	32.9	33.1	33.1	33.2	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 4500	33.5	33.7	33.7	33.8	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0	34.0
GE 4000	35.8	36.1	36.3	36.4	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 3500	38.6	38.8	39.0	39.1	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 3000	43.3	43.9	44.2	44.5	44.8	45.0	45.1	45.1	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
GE 2500	50.7	51.6	52.3	52.9	53.9	54.0	54.6	54.6	54.6	54.7	54.7	54.7	54.9	54.9	54.9	54.9
GE 2000	57.7	59.7	61.4	62.5	64.4	64.8	66.5	66.5	66.5	66.8	66.9	66.9	67.1	67.4	67.5	67.7
GE 1800	59.1	61.1	62.9	64.7	66.7	67.1	68.9	69.2	69.2	69.5	69.6	69.6	69.9	70.1	70.2	70.5
GE 1500	65.6	68.1	70.7	72.6	75.6	76.0	78.3	78.9	79.0	80.0	80.5	80.5	81.0	81.3	81.9	82.1
GE 1200	70.0	73.0	76.2	78.4	81.9	82.6	85.1	85.6	85.8	86.8	87.5	87.5	88.0	88.4	89.1	89.3
GE 1000	70.7	73.8	77.2	80.0	83.6	84.5	87.0	87.5	87.7	89.0	89.8	89.8	90.3	90.6	91.3	91.6
GE 900	70.9	74.0	77.6	80.3	84.0	85.1	87.7	88.4	88.5	89.8	90.6	90.6	91.1	91.5	92.2	92.4
GE 800	71.4	74.5	78.2	80.9	84.9	86.0	88.7	89.4	89.6	90.9	91.7	91.7	92.3	92.8	93.5	93.7
GE 700	71.8	74.9	78.6	81.6	85.6	86.8	89.6	90.3	90.4	91.8	92.6	92.6	93.4	93.8	94.7	94.9
GE 600	71.9	75.0	78.9	82.0	86.0	87.3	90.0	90.7	90.9	92.3	93.1	93.1	93.8	94.3	95.1	95.4
GE 500	72.1	75.4	79.5	82.7	87.2	88.7	91.6	92.3	92.6	94.1	95.0	95.4	96.2	97.0	98.0	98.2
GE 400	72.2	75.6	79.6	82.8	87.3	88.8	91.7	92.4	92.8	94.2	95.4	95.7	96.7	97.5	98.5	98.7
GE 300	72.2	75.6	79.6	82.9	87.4	89.0	91.8	92.5	92.9	94.3	95.5	95.8	96.9	97.7	99.1	99.3
GE 200	72.2	75.6	79.6	82.9	87.4	89.0	91.8	92.5	93.0	94.4	95.6	96.0	97.2	98.0	99.4	100.0
GE 100	72.2	75.6	79.6	82.9	87.4	89.0	91.8	92.5	93.0	94.4	95.6	96.0	97.2	98.0	99.4	100.0
GE 000	72.2	75.6	79.6	82.9	87.4	89.0	91.8	92.5	93.0	94.4	95.6	96.0	97.2	98.0	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	19.8	19.8	20.1	20.1	20.1	20.1	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 20000	22.1	22.1	22.4	22.4	22.4	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 18000	23.0	23.0	23.4	23.4	23.5	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 16000	23.0	23.0	23.4	23.4	23.5	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 14000	23.6	23.6	24.0	24.0	24.1	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 12000	25.0	25.0	25.4	25.4	25.5	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 10000	26.2	26.2	26.6	26.6	26.7	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 9000	26.3	26.3	26.7	26.7	26.8	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 8000	28.6	28.6	29.0	29.0	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 7000	28.7	28.7	29.2	29.2	29.3	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 6000	29.8	29.9	30.4	30.4	30.5	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 5000	30.9	31.1	31.6	31.6	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 4500	31.1	31.3	31.8	31.8	31.9	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 4000	32.5	32.8	33.3	33.3	33.4	33.5	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 3500	36.0	36.2	36.7	36.7	36.8	36.9	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.2
GE 3000	41.1	41.5	42.4	42.6	42.8	42.9	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 2500	50.4	51.3	53.0	53.5	53.9	54.0	54.5	54.5	54.5	54.6	54.6	54.6	54.6	54.7	54.7	54.8
GE 2000	58.3	59.2	62.5	63.4	64.6	65.0	65.8	66.0	66.2	66.6	66.9	66.9	67.5	67.6	67.6	67.7
GE 1800	59.1	60.2	63.6	64.7	65.9	66.3	67.3	67.6	67.7	68.2	68.4	68.4	69.1	69.4	69.4	69.5
GE 1500	65.0	66.2	70.8	72.0	73.4	74.0	75.8	76.0	76.3	77.6	77.9	77.9	79.3	79.5	79.6	79.7
GE 1200	69.1	70.6	76.4	78.2	80.8	81.5	83.8	84.1	84.4	85.9	86.3	86.3	87.6	88.2	88.3	88.4
GE 1000	69.8	71.8	77.8	79.9	82.5	83.2	85.6	85.9	86.2	88.2	88.6	88.6	90.0	90.6	90.7	91.2
GE 900	70.1	72.0	78.4	80.7	83.3	84.0	86.4	86.8	87.0	89.0	89.4	89.4	90.9	91.5	91.8	92.3
GE 800	70.4	72.3	78.9	81.2	84.1	84.9	87.4	87.8	88.1	90.1	90.5	90.5	92.0	92.6	92.8	93.3
GE 700	71.0	73.3	80.1	82.4	85.3	86.1	88.7	89.2	89.4	91.4	91.8	91.8	93.3	93.9	94.3	94.8
GE 600	71.4	73.7	80.7	83.1	86.1	86.9	89.5	90.0	90.2	92.7	93.2	93.2	94.9	95.5	95.8	96.4
GE 500	71.6	74.0	81.2	83.7	87.1	88.0	90.7	91.2	91.4	94.0	94.6	94.6	96.4	97.0	97.4	98.0
GE 400	71.8	74.1	81.3	83.9	87.5	88.3	91.1	91.5	91.8	94.4	95.0	95.0	96.9	97.9	98.2	98.8
GE 300	71.9	74.3	81.4	84.0	87.6	88.6	91.4	91.9	92.1	94.8	95.4	95.4	97.4	98.3	98.8	99.4
GE 200	71.9	74.3	81.4	84.1	87.7	88.7	91.5	92.0	92.3	94.9	95.5	95.5	97.5	98.5	99.0	100.0
GE 100	71.9	74.3	81.4	84.1	87.7	88.7	91.5	92.0	92.3	94.9	95.5	95.5	97.5	98.5	99.0	100.0
GE 000	71.9	74.3	81.4	84.1	87.7	88.7	91.5	92.0	92.3	94.9	95.5	95.5	97.5	98.5	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 839

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.4	21.4	21.6	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 20000	22.8	22.8	23.0	23.1	23.1	23.1	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 18000	23.1	23.1	23.4	23.5	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 16000	23.1	23.1	23.4	23.5	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 14000	23.4	23.4	23.6	23.7	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 12000	24.2	24.2	24.6	24.7	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 10000	25.0	25.0	25.4	25.5	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 9000	25.3	25.3	25.6	25.7	26.1	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 8000	27.0	27.0	27.4	27.5	27.9	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 7000	27.9	28.0	28.4	28.6	28.9	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 6000	28.5	28.7	29.1	29.3	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 5000	29.1	29.3	29.8	30.0	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 4500	29.5	29.8	30.4	30.6	31.0	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 4000	30.7	31.0	31.6	31.8	32.1	32.1	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 3500	33.2	33.6	34.2	34.4	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 3000	39.9	40.3	40.9	41.3	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 2500	48.0	48.9	50.5	51.5	52.2	52.3	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 2000	54.9	55.9	58.2	59.4	61.2	61.4	62.2	62.5	62.6	62.9	63.0	63.0	63.1	63.3	63.3	63.3
GE 1800	56.6	57.5	60.3	61.4	63.2	63.5	64.2	64.5	64.7	65.0	65.4	65.4	65.5	65.7	65.7	65.7
GE 1500	63.7	65.1	68.9	70.5	72.8	73.1	74.0	74.7	75.0	76.2	76.7	76.7	77.1	77.3	77.3	77.3
GE 1200	69.0	70.9	75.9	77.8	81.0	81.3	82.9	83.9	84.1	85.5	86.1	86.1	86.5	86.7	86.7	86.8
GE 1000	69.8	71.6	76.7	78.6	82.3	82.6	84.5	85.4	85.6	87.1	87.8	87.8	88.1	88.5	88.5	88.8
GE 900	70.5	72.5	77.8	79.7	82.7	84.3	86.2	87.2	87.4	88.8	89.6	89.6	89.9	90.3	90.3	90.6
GE 800	70.7	72.7	78.2	80.2	84.7	85.4	87.3	88.3	88.5	89.9	90.6	90.6	91.0	91.3	91.3	91.7
GE 700	71.1	73.2	78.8	81.0	85.5	86.2	88.4	89.3	89.6	91.0	91.8	91.9	92.5	92.9	93.0	93.5
GE 600	71.2	73.3	79.1	81.4	86.4	87.1	89.3	90.3	90.5	92.2	93.1	93.2	93.5	94.2	94.3	94.8
GE 500	71.8	74.0	79.8	82.3	87.4	88.3	90.7	91.7	91.9	94.0	95.0	95.1	95.8	96.2	96.3	96.8
GE 400	72.0	74.3	80.2	82.7	87.8	88.8	91.5	92.5	92.8	94.8	95.8	96.0	96.8	97.2	97.5	98.0
GE 300	72.1	74.5	80.4	82.9	88.1	89.3	91.9	93.0	93.2	95.3	96.3	96.4	97.5	97.9	98.3	98.8
GE 200	72.1	74.5	80.4	83.0	88.4	89.6	92.2	93.5	93.7	95.8	96.9	97.0	98.1	98.5	99.1	99.6
GE 100	72.1	74.5	80.4	83.0	88.4	89.6	92.2	93.5	93.7	95.8	97.2	97.3	98.5	98.8	99.4	100.0
GE 000	72.1	74.5	80.4	83.0	88.4	89.6	92.2	93.5	93.7	95.8	97.2	97.3	98.5	98.8	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 843

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	22.1	22.1	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5
GE 20000	23.3	23.4	23.5	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8
GE 18000	24.3	24.4	24.6	24.6	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9
GE 16000	24.4	24.5	24.7	24.7	24.8	24.9	24.9	24.9	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0
GE 14000	24.7	24.8	24.9	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3
GE 12000	25.6	25.6	25.8	25.9	26.0	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.2
GE 10000	26.2	26.3	26.5	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8
GE 9000	26.8	26.8	27.0	27.1	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.4	27.4
GE 8000	28.2	28.3	28.4	28.5	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.8	28.8	28.8
GE 7000	29.5	29.6	29.8	29.9	30.0	30.1	30.1	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2
GE 6000	30.5	30.7	30.9	31.1	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3	31.3	31.3	31.4	31.4
GE 5000	31.3	31.5	31.8	31.9	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.2	32.2	32.2	32.2	32.2
GE 4500	31.9	32.1	32.4	32.7	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9	32.9	33.0	33.0	33.0
GE 4000	33.2	33.4	33.8	34.0	34.1	34.1	34.2	34.2	34.2	34.2	34.3	34.3	34.3	34.3	34.3	34.3
GE 3500	36.0	36.2	36.8	37.0	37.1	37.1	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.4	37.4
GE 3000	41.4	41.8	42.6	43.0	43.2	43.2	43.3	43.4	43.4	43.4	43.5	43.5	43.6	43.6	43.6	43.6
GE 2500	48.6	49.3	50.7	51.4	52.0	52.1	52.6	52.7	52.7	52.8	53.0	53.0	53.1	53.1	53.2	53.2
GE 2000	56.3	57.6	59.9	61.0	62.5	62.9	64.1	64.4	64.5	64.9	65.2	65.3	65.5	65.7	65.8	66.0
GE 1800	58.0	59.4	61.9	63.2	64.8	65.2	66.5	66.9	67.0	67.4	67.8	67.9	68.2	68.5	68.6	68.8
GE 1500	63.9	65.7	69.2	70.9	73.2	73.7	75.4	76.0	76.2	77.1	77.7	77.8	78.5	8.8	79.1	79.4
GE 1200	67.9	70.2	74.8	76.8	79.9	80.4	82.5	83.3	83.4	84.5	85.3	85.3	86.0	86.4	86.7	87.0
GE 1000	69.0	71.4	76.3	78.5	81.8	82.4	84.6	85.4	85.5	86.7	87.6	87.7	88.4	88.8	89.1	89.5
GE 900	69.5	72.0	77.0	79.2	82.7	83.4	85.6	86.5	86.6	87.9	88.7	88.8	89.6	90.0	90.4	90.8
GE 800	69.9	72.4	77.6	79.9	83.6	84.3	86.7	87.7	87.8	89.1	90.0	90.0	90.9	91.4	91.8	92.2
GE 700	70.2	72.9	78.2	80.7	84.4	85.2	87.7	88.6	88.8	90.1	91.0	91.1	91.9	92.5	92.9	93.4
GE 600	70.4	73.2	78.6	81.2	85.1	85.9	88.4	89.4	89.6	91.0	92.0	92.0	93.0	93.6	94.0	94.5
GE 500	70.8	73.6	79.2	82.0	86.1	87.1	89.8	90.8	91.1	92.7	93.7	93.9	95.0	95.7	96.2	96.7
GE 400	71.1	74.0	79.6	82.5	86.8	87.8	90.5	91.6	91.9	93.5	94.7	94.8	96.1	96.9	97.4	97.9
GE 300	71.1	74.0	79.7	82.7	87.1	88.1	91.0	92.1	92.3	94.1	95.4	95.6	97.0	97.8	98.6	99.1
GE 200	71.1	74.0	79.8	82.7	87.1	88.2	91.0	92.2	92.5	94.4	95.7	95.9	97.5	98.2	99.1	99.9
GE 100	71.1	74.0	79.8	82.7	87.1	88.2	91.0	92.2	92.5	94.4	95.8	95.9	97.6	98.3	99.3	100.0
GE 000	71.1	74.0	79.8	82.7	87.1	88.2	91.0	92.2	92.5	94.4	95.8	95.9	97.6	98.3	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 6746

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.8	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 20000	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 18000	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 16000	22.9	23.1	23.1	23.1	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 14000	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 12000	23.8	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 10000	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 9000	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 8000	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 7000	26.8	26.9	26.9	26.9	26.9	26.9	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 6000	29.3	29.4	29.4	29.9	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 5000	30.7	30.8	30.8	31.3	31.4	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5
GE 4500	31.7	31.9	32.0	32.6	32.7	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 4000	33.2	33.4	33.8	34.3	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 3500	37.2	37.4	38.0	38.6	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9	38.9
GE 3000	43.3	43.5	44.4	45.0	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 2500	52.6	53.0	55.0	55.7	56.1	56.1	56.1	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 2000	60.4	61.0	64.1	65.0	65.9	65.9	66.2	66.6	66.6	66.9	66.9	66.9	67.0	67.0	67.0	67.0
GE 1800	62.9	63.9	66.9	67.9	68.9	68.9	69.3	69.7	69.7	70.0	70.0	70.0	70.1	70.1	70.1	70.1
GE 1500	66.9	68.1	71.8	73.1	74.8	74.9	75.9	76.6	76.6	76.9	76.9	76.9	77.1	77.2	77.2	77.2
GE 1200	71.0	72.2	76.3	77.8	79.8	79.9	81.2	82.1	82.1	82.6	82.7	82.7	82.8	82.9	82.9	82.9
GE 1000	72.9	74.4	78.6	80.5	82.6	82.8	84.6	85.9	85.9	86.5	86.8	86.8	86.9	87.0	87.0	87.0
GE 900	74.1	75.6	80.1	82.0	84.1	84.3	86.5	88.2	88.2	89.1	89.5	89.5	89.6	89.7	89.7	89.7
GE 800	75.1	76.7	81.3	83.4	85.5	85.8	88.1	89.8	89.8	90.9	91.5	91.5	91.7	91.8	91.8	91.8
GE 700	75.5	77.2	81.8	84.0	86.1	86.5	88.7	90.7	90.7	91.8	92.4	92.4	92.6	92.7	92.9	92.9
GE 600	76.1	77.7	82.8	85.0	87.1	87.4	89.9	91.9	91.9	93.0	93.6	93.6	93.8	93.9	94.2	94.2
GE 500	76.6	78.2	83.7	86.4	89.2	89.5	92.2	94.3	94.3	95.6	96.2	96.2	96.5	96.6	96.9	96.9
GE 400	76.6	78.2	83.7	86.4	89.2	89.7	92.4	94.6	94.6	96.0	96.6	96.6	97.0	97.1	97.3	97.3
GE 300	76.7	78.4	83.8	86.5	89.5	90.0	92.7	95.6	95.6	97.5	98.3	98.3	98.7	99.0	99.4	99.4
GE 200	76.7	78.4	83.8	86.5	89.5	90.0	92.7	95.6	95.6	97.5	98.3	98.3	98.7	99.2	99.7	99.7
GE 100	76.7	78.4	83.8	86.5	89.7	90.3	93.0	95.8	95.8	97.7	98.5	98.5	98.9	99.5	99.9	100.0
GE 000	76.7	78.4	83.8	86.5	89.7	90.3	93.0	95.8	95.8	97.7	98.5	98.5	98.9	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	17.8	17.8	17.8	17.8	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.2	18.2	18.2	18.3
GE 20000	18.1	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.4	18.4	18.4	18.5
GE 18000	18.8	18.8	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	19.2	19.2	19.2	19.3
GE 16000	18.9	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.3	19.3	19.3	19.4
GE 14000	18.9	18.9	18.9	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.3	19.3	19.3	19.4
GE 12000	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.9	19.9	19.9	20.0
GE 10000	19.9	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.2	20.2	20.2	20.3
GE 9000	19.9	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.2	20.2	20.2	20.3
GE 8000	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.9	20.9	20.9	21.0
GE 7000	21.2	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.5	21.5	21.5	21.7
GE 6000	22.9	22.9	23.0	23.1	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.6	23.6	23.6	23.7
GE 5000	23.7	23.7	23.8	23.9	24.2	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.5	24.5	24.5	24.6
GE 4500	25.1	25.2	25.4	25.6	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	26.1	26.1	26.1	26.2
GE 4000	27.3	27.5	27.7	28.0	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.5	28.5	28.5	28.6
GE 3500	32.4	32.8	33.1	33.3	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.9	33.9	33.9	34.1
GE 3000	38.5	39.0	39.5	39.7	40.0	40.0	40.2	40.2	40.2	40.3	40.3	40.3	40.5	40.5	40.5	40.6
GE 2500	47.7	48.3	49.7	49.9	50.4	50.4	50.5	50.5	50.5	50.6	50.6	50.6	50.8	50.8	50.8	50.9
GE 2000	56.8	58.0	60.4	61.0	61.7	61.8	61.9	61.9	62.0	62.4	62.5	62.5	62.9	62.9	63.0	63.2
GE 1800	59.0	60.5	63.1	63.9	65.0	65.1	65.3	65.3	65.4	65.8	65.9	65.9	66.4	66.4	66.5	66.7
GE 1500	65.4	67.2	70.5	71.7	73.8	74.1	74.6	75.2	75.3	75.8	76.0	76.0	76.4	76.4	76.5	76.7
GE 1200	69.5	71.7	75.7	77.4	79.4	79.8	80.6	81.6	81.8	82.4	82.5	82.5	83.0	83.0	83.1	83.4
GE 1000	71.3	73.8	78.1	80.0	82.4	82.7	83.8	84.8	85.0	85.5	85.9	85.9	86.4	86.4	86.5	86.7
GE 900	72.3	74.8	79.1	81.0	83.4	83.7	85.3	86.6	86.8	87.4	87.7	87.8	88.4	88.4	88.5	88.7
GE 800	72.7	75.2	79.7	81.6	84.1	84.4	86.3	87.7	87.9	88.6	89.0	89.1	89.7	89.7	89.8	90.0
GE 700	73.1	75.6	80.3	82.3	84.9	85.2	87.1	88.6	88.8	89.4	89.9	90.0	90.6	90.6	90.8	91.0
GE 600	73.7	76.2	81.5	83.6	86.3	86.6	88.7	90.3	90.5	91.3	91.8	91.9	92.6	92.6	92.7	92.9
GE 500	74.5	77.1	82.6	84.7	87.9	88.2	90.6	92.4	92.6	93.8	94.6	94.9	95.6	95.6	95.8	96.1
GE 400	74.8	77.5	83.1	85.2	88.5	88.8	91.4	93.3	93.5	94.7	95.5	95.9	96.8	96.8	97.0	97.3
GE 300	74.8	77.5	83.1	85.3	88.9	89.2	91.8	93.9	94.1	95.3	96.6	97.0	98.3	98.7	98.9	99.2
GE 200	74.8	77.5	83.1	85.3	88.9	89.2	91.9	94.0	94.2	95.4	97.0	97.3	98.6	99.2	99.6	99.9
GE 100	74.8	77.5	83.1	85.3	88.9	89.2	91.9	94.0	94.2	95.4	97.0	97.3	98.6	99.2	99.7	100.0
GE 000	74.8	77.5	83.1	85.3	88.9	89.2	91.9	94.0	94.2	95.4	97.0	97.3	98.6	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 20000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 18000	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 16000	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 14000	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 12000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 10000	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 9000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 8000	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 7000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 6000	26.8	26.8	26.8	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9
GE 5000	28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2	28.2
GE 4500	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 4000	31.0	31.0	31.0	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3
GE 3500	34.9	35.0	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.5	35.5	35.5	35.5
GE 3000	41.2	41.6	42.3	42.6	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.9	43.0	43.0	43.1	43.1
GE 2500	50.1	50.8	52.0	52.5	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.4	53.5	53.5	53.7	53.7
GE 2000	57.3	58.7	60.9	62.0	62.7	62.9	63.1	63.3	63.3	63.5	63.5	63.6	63.7	63.7	63.9	63.9
GE 1800	58.5	60.1	62.5	63.6	64.5	64.7	64.8	65.0	65.0	65.2	65.2	65.3	65.4	65.4	65.7	65.7
GE 1500	63.4	65.1	68.3	69.9	71.9	72.4	72.7	73.3	73.3	73.6	73.7	73.8	74.0	74.0	74.2	74.2
GE 1200	67.2	69.2	72.7	74.6	77.1	77.6	78.1	79.3	79.3	79.5	79.7	79.8	80.1	80.1	80.3	80.3
GE 1000	68.1	70.4	74.4	76.8	79.8	80.4	81.0	82.4	82.4	82.7	83.2	83.3	83.5	83.5	83.7	83.7
GE 900	69.2	71.6	76.1	78.9	81.9	82.4	83.5	85.0	85.0	86.1	86.7	86.8	87.0	87.0	87.2	87.2
GE 800	69.2	71.6	76.1	78.9	82.0	82.6	83.7	85.3	85.3	86.5	87.2	87.3	87.8	87.9	88.1	88.1
GE 700	69.4	71.8	76.4	79.2	82.4	83.0	84.2	85.8	85.8	87.2	88.0	88.4	88.8	88.9	89.2	89.2
GE 600	69.8	72.2	76.8	79.7	83.0	83.6	84.8	86.8	87.0	88.5	89.4	89.8	90.4	90.5	90.7	90.7
GE 500	70.3	72.8	77.9	81.3	85.5	86.3	87.8	89.8	90.1	92.2	93.1	93.5	94.3	94.4	94.7	94.7
GE 400	70.7	73.2	78.7	82.0	86.5	87.3	89.3	91.5	91.9	93.9	95.0	95.4	96.4	96.5	97.0	97.0
GE 300	70.7	73.2	78.7	82.1	86.8	87.6	89.6	92.0	92.3	94.5	95.8	96.2	97.4	97.6	98.5	98.6
GE 200	70.7	73.2	78.7	82.2	86.9	87.8	89.7	92.2	92.5	94.7	96.0	96.4	97.6	97.9	99.1	99.3
GE 100	70.7	73.2	78.7	82.2	86.9	87.8	89.7	92.2	92.5	94.7	96.0	96.4	97.8	98.2	99.7	100.0
GE 000	70.7	73.2	78.7	82.2	86.9	87.8	89.7	92.2	92.5	94.7	96.0	96.4	97.8	98.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.2	19.2
GE 20000	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7
GE 18000	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0
GE 16000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1
GE 14000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.6	24.6
GE 12000	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.6
GE 10000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.3	26.3
GE 9000	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.5	26.5
GE 8000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.2	27.2
GE 7000	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6
GE 6000	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 5000	31.3	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7
GE 4500	32.7	32.9	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.2	33.2
GE 4000	35.1	35.3	35.6	35.6	35.7	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.8	35.9	35.9
GE 3500	39.3	39.6	40.0	40.0	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4
GE 3000	45.2	45.8	46.2	46.3	46.4	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.9	47.0
GE 2500	53.2	54.3	55.0	55.2	55.5	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	56.0	56.1
GE 2000	60.2	61.8	63.4	64.3	64.8	64.9	65.3	65.4	65.4	65.5	65.5	65.5	65.5	65.5	65.7	65.8
GE 1800	61.6	63.2	65.2	66.1	66.9	67.0	67.3	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.9	68.0
GE 1500	66.9	68.6	70.7	72.0	72.9	73.3	74.9	75.2	75.2	75.3	75.4	75.4	75.4	75.4	75.6	75.8
GE 1200	70.8	72.9	75.1	76.7	78.2	78.6	80.6	81.2	81.2	81.4	81.7	81.7	81.7	81.7	82.0	82.1
GE 1000	72.8	75.0	77.7	79.4	81.1	81.8	84.0	84.6	84.6	85.0	85.3	85.3	85.3	85.3	85.6	85.7
GE 900	73.7	76.0	78.7	80.5	82.4	83.5	85.8	86.5	86.5	87.1	87.6	87.7	87.7	87.7	88.0	88.1
GE 800	73.9	76.3	79.3	81.3	83.4	84.6	87.1	88.0	88.0	88.7	89.2	89.4	89.4	89.5	89.8	89.9
GE 700	74.2	76.6	79.8	81.7	84.4	85.6	88.2	89.1	89.2	90.0	90.5	90.7	90.7	90.8	91.1	91.2
GE 600	74.7	77.2	80.5	82.5	85.3	86.5	89.3	90.2	90.4	91.6	92.1	92.3	92.4	92.5	92.9	93.0
GE 500	75.3	77.9	81.5	83.7	86.7	88.0	91.0	92.2	92.5	93.8	94.8	95.2	95.5	95.6	95.9	96.0
GE 400	75.4	78.0	81.6	84.1	87.2	88.7	92.0	93.2	93.5	94.9	96.3	96.8	97.3	97.4	97.8	97.9
GE 300	75.4	78.0	81.6	84.1	87.3	88.9	92.1	93.3	93.6	95.0	96.8	97.2	97.9	98.1	98.6	98.7
GE 200	75.4	78.0	81.6	84.1	87.3	88.9	92.1	93.3	93.6	95.1	97.0	97.5	98.8	99.0	99.6	99.7
GE 100	75.4	78.0	81.6	84.1	87.3	88.9	92.1	93.3	93.6	95.1	97.0	97.5	98.8	99.0	99.7	100.0
GE 000	75.4	78.0	81.6	84.1	87.3	88.9	92.1	93.3	93.6	95.1	97.0	97.5	98.8	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 20000	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 18000	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 16000	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 14000	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 12000	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 10000	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 9000	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 8000	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 7000	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 6000	29.7	29.8	29.9	29.9	29.9	29.9	29.9	29.9	29.9	30.0	30.0	30.0	30.0	30.0	30.0	30.0
GE 5000	30.3	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 4500	31.4	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 4000	34.2	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 3500	36.9	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 3000	42.5	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 2500	51.0	51.7	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 2000	59.4	60.8	62.5	63.1	63.2	63.2	63.5	63.6	63.6	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 1800	61.1	62.7	64.5	65.2	65.4	65.4	65.7	65.8	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1500	67.4	69.5	71.8	72.9	74.3	74.5	75.1	75.3	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 1200	73.0	75.3	78.2	79.5	81.2	81.9	82.7	83.3	83.3	83.8	83.8	83.9	84.0	84.0	84.0	84.0
GE 1000	75.6	78.1	81.2	82.8	84.7	85.8	87.1	87.7	87.7	88.3	88.3	88.5	88.6	88.6	88.6	88.6
GE 900	76.1	78.5	81.7	83.3	85.1	86.2	87.5	88.2	88.2	89.0	89.0	89.1	89.3	89.3	89.3	89.3
GE 800	76.9	79.4	82.5	84.3	86.2	87.5	88.9	89.6	89.6	90.5	90.8	90.9	91.2	91.2	91.2	91.2
GE 700	77.5	80.2	83.4	85.2	87.5	88.8	90.2	91.0	91.0	91.9	92.2	92.3	92.6	92.6	92.6	92.6
GE 600	77.7	80.5	83.8	85.8	88.1	89.5	91.0	92.0	92.2	93.2	93.5	93.6	93.9	93.9	93.9	93.9
GE 500	78.1	81.3	85.0	86.9	89.6	91.0	92.9	93.9	94.1	95.5	96.1	96.2	96.5	96.5	96.8	96.9
GE 400	78.2	81.4	85.2	87.2	90.0	91.6	93.9	94.8	95.0	96.4	97.3	97.4	97.8	97.8	98.1	98.2
GE 300	78.2	81.4	85.2	87.2	90.0	91.6	93.9	95.1	95.4	96.9	98.0	98.1	98.6	98.6	98.8	98.9
GE 200	78.4	81.7	85.4	87.4	90.4	92.0	94.3	95.6	95.8	97.4	98.6	98.7	99.5	99.6	99.9	100.0
GE 100	78.4	81.7	85.4	87.4	90.4	92.0	94.3	95.6	95.8	97.4	98.6	98.7	99.5	99.6	99.9	100.0
GE 000	78.4	81.7	85.4	87.4	90.4	92.0	94.3	95.6	95.8	97.4	98.6	98.7	99.5	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 20000	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 18000	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 16000	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 14000	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 12000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 10000	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 9000	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 8000	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 7000	27.5	27.5	27.6	27.6	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 6000	29.3	29.3	29.4	29.4	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	30.2	30.2	30.3	30.3	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5	30.5
GE 4500	32.0	32.0	32.1	32.1	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 4000	34.1	34.1	34.2	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
GE 3500	37.2	37.2	37.3	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
GE 3000	44.0	44.0	44.5	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 2500	51.1	51.2	51.8	51.9	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3	52.3
GE 2000	60.0	60.5	61.7	61.9	63.0	63.0	63.1	63.1	63.1	63.3	63.4	63.4	63.4	63.4	63.4	63.4
GE 1800	62.6	63.2	64.4	64.8	66.1	66.1	66.5	66.6	66.6	66.8	66.9	66.9	66.9	66.9	66.9	66.9
GE 1500	69.5	70.8	72.6	73.5	75.2	75.6	76.2	76.3	76.3	76.5	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	73.1	74.6	77.2	78.2	80.4	80.8	81.5	81.9	81.9	82.1	82.3	82.3	82.5	82.5	82.5	82.6
GE 1000	76.0	77.6	80.6	81.9	84.1	85.0	85.9	86.5	86.5	87.2	87.3	87.3	87.6	87.6	87.6	87.7
GE 900	77.1	78.7	81.8	83.3	85.5	86.5	87.4	88.0	88.0	88.7	88.9	88.9	89.3	89.4	89.4	89.5
GE 800	77.9	79.7	82.8	84.4	86.6	87.6	88.5	89.3	89.3	90.4	90.5	90.5	90.9	91.0	91.0	91.1
GE 700	78.6	80.5	83.9	85.5	87.9	89.0	89.9	90.7	90.7	91.8	91.9	91.9	92.3	92.4	92.4	92.6
GE 600	79.2	81.5	84.8	86.8	89.4	90.6	91.6	92.4	92.4	93.6	93.7	93.7	94.2	94.3	94.3	94.6
GE 500	79.7	82.3	85.7	88.0	90.9	92.4	93.6	94.5	94.5	95.7	96.0	96.0	96.5	96.6	96.6	97.2
GE 400	79.8	82.6	86.0	88.4	91.5	93.0	94.5	95.3	95.5	96.9	97.3	97.3	97.8	97.9	97.9	98.5
GE 300	79.8	82.7	86.4	88.7	91.8	93.3	94.9	96.2	96.3	97.7	98.2	98.2	98.8	98.9	99.0	99.6
GE 200	79.8	82.7	86.4	88.7	91.8	93.3	94.9	96.2	96.3	97.8	98.3	98.3	98.9	99.0	99.2	99.9
GE 100	79.8	82.7	86.4	88.7	91.8	93.3	94.9	96.2	96.3	97.8	98.3	98.3	99.0	99.1	99.4	100.0
GE 000	79.8	82.7	86.4	88.7	91.8	93.3	94.9	96.2	96.3	97.8	98.3	98.3	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	20.3	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 20000	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 18000	24.6	24.7	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 16000	25.1	25.2	25.2	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 14000	25.7	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 12000	26.2	26.3	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 10000	26.9	27.0	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 9000	27.4	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 8000	29.4	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 7000	30.8	30.9	30.9	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0	31.0
GE 6000	32.2	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 5000	32.9	33.0	33.0	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 4500	34.6	34.8	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 4000	37.1	37.3	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 3500	39.5	40.1	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6
GE 3000	44.2	44.7	45.1	45.3	45.4	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 2500	51.5	52.4	53.1	53.5	54.1	54.1	54.3	54.4	54.4	54.5	54.6	54.6	54.6	54.6	54.6	54.6
GE 2000	59.6	60.8	62.5	63.6	64.6	64.6	65.0	65.1	65.2	65.3	65.5	65.5	65.5	65.5	65.7	65.8
GE 1800	61.3	62.8	64.7	65.8	66.7	66.7	67.3	67.4	67.5	67.6	67.8	67.8	67.8	67.8	67.9	68.0
GE 1500	67.8	69.6	72.3	74.0	75.4	75.4	76.1	76.3	76.5	76.7	77.0	77.0	77.0	77.0	77.1	77.2
GE 1200	71.5	73.2	76.5	78.3	80.1	80.2	80.8	81.1	81.4	81.6	82.0	82.0	82.1	82.1	82.2	82.3
GE 1000	73.6	75.6	79.1	81.4	83.3	83.6	84.5	84.9	85.3	85.5	85.9	85.9	86.1	86.1	86.2	86.5
GE 900	75.1	77.2	80.8	83.1	85.4	85.8	86.7	87.2	87.5	87.9	88.3	88.3	88.5	88.5	88.6	88.8
GE 800	75.8	78.1	81.8	84.2	86.5	86.9	87.9	88.4	88.7	89.3	89.7	89.7	90.0	90.0	90.4	90.6
GE 700	76.4	78.8	82.8	85.3	87.8	88.2	89.2	89.7	90.0	90.6	91.0	91.0	91.3	91.3	91.8	92.0
GE 600	77.1	79.7	84.0	86.6	89.2	89.7	90.9	91.8	92.1	92.6	93.1	93.1	93.4	93.5	94.1	94.4
GE 500	77.7	80.6	85.5	88.2	91.2	91.8	93.2	94.1	94.5	95.1	95.8	95.8	96.1	96.2	96.9	97.1
GE 400	77.9	80.9	85.8	88.5	91.5	92.1	93.6	94.6	94.9	95.8	96.4	96.4	96.9	97.0	97.6	97.8
GE 300	77.9	80.9	85.8	88.5	91.5	92.1	93.8	94.8	95.1	96.4	97.3	97.3	98.3	98.4	99.0	99.2
GE 200	77.9	80.9	85.8	88.7	91.8	92.3	94.0	95.0	95.3	96.6	97.5	97.5	98.5	98.6	99.6	99.8
GE 100	77.9	80.9	85.8	88.7	91.8	92.3	94.0	95.1	95.4	96.7	97.6	97.6	98.6	98.7	99.7	100.0
GE 000	77.9	80.9	85.8	88.7	91.8	92.3	94.0	95.1	95.4	96.7	97.6	97.6	98.6	98.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 20000	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 18000	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 16000	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 14000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 12000	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 10000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 9000	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 8000	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 7000	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2	29.2
GE 6000	31.4	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7
GE 5000	32.5	32.6	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 4500	33.9	34.0	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.3
GE 4000	35.7	35.8	36.4	36.5	36.6	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7	36.7
GE 3500	38.0	38.1	38.7	38.9	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 3000	45.9	46.0	46.6	46.8	47.0	47.1	47.1	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 2500	52.9	53.4	54.3	54.5	55.4	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 2000	61.6	62.2	63.9	64.2	65.6	65.7	65.8	66.1	66.1	66.2	66.3	66.3	66.3	66.3	66.3	66.3
GE 1800	63.6	64.3	66.1	66.6	68.0	68.1	68.2	68.6	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9
GE 1500	70.6	71.8	73.9	74.9	77.1	77.2	77.7	78.2	78.2	78.8	78.9	78.9	78.9	78.9	78.9	78.9
GE 1200	74.2	75.5	78.4	79.5	82.0	82.1	82.8	83.8	84.0	84.6	84.8	84.8	84.8	84.8	84.8	84.8
GE 1000	75.6	77.5	80.3	81.6	84.6	84.7	85.5	86.8	87.1	88.0	88.2	88.2	88.3	88.3	88.5	88.5
GE 900	76.9	79.1	82.1	83.4	86.9	87.0	87.9	89.2	89.7	90.8	91.0	91.0	91.1	91.3	91.6	91.6
GE 800	78.0	80.4	83.5	85.0	88.4	88.5	89.5	90.9	91.6	92.7	93.0	93.0	93.1	93.3	93.5	93.5
GE 700	78.2	80.7	83.9	85.5	89.1	89.2	90.2	91.6	92.2	93.4	93.7	93.7	93.8	94.0	94.3	94.3
GE 600	78.4	81.0	84.2	86.1	89.8	89.9	90.9	92.5	93.2	94.4	94.8	94.8	94.9	95.1	95.5	95.5
GE 500	78.7	81.5	85.0	87.0	91.1	91.3	92.3	93.9	94.6	95.9	96.4	96.4	96.5	96.8	97.1	97.1
GE 400	79.0	81.8	85.4	87.6	91.9	92.1	93.1	94.8	95.5	96.9	97.4	97.4	97.5	97.7	98.1	98.1
GE 300	79.0	81.8	85.5	87.7	92.0	92.2	93.3	95.3	96.0	98.2	98.9	98.9	99.0	99.2	99.6	99.6
GE 200	79.0	81.8	85.5	87.7	92.0	92.2	93.3	95.3	96.0	98.2	98.9	98.9	99.1	99.4	99.7	99.7
GE 100	79.0	81.8	85.5	87.7	92.0	92.2	93.4	95.7	96.3	98.5	99.2	99.2	99.5	99.7	100.0	100.0
GE 000	79.0	81.8	85.5	87.7	92.0	92.2	93.4	95.7	96.3	98.5	99.2	99.2	99.5	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA

PERIOD OF RECORD: JAN 80 - DEC 89

LST TO UTC: + 9

MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.4
GE 20000	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.3	21.3	21.3	21.3
GE 18000	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6
GE 16000	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.8
GE 14000	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 12000	23.6	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 10000	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4
GE 9000	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.8
GE 8000	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
GE 7000	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 6000	28.9	29.0	29.0	29.2	29.2	29.2	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 5000	30.0	30.0	30.1	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.4
GE 4500	31.3	31.4	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8
GE 4000	33.5	33.6	33.8	33.9	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.2	34.2	34.2
GE 3500	36.9	37.2	37.5	37.7	37.8	37.8	37.8	37.8	37.8	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 3000	43.1	43.4	44.0	44.2	44.3	44.4	44.4	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.6	44.6
GE 2500	51.3	51.9	52.9	53.2	53.7	53.7	53.8	53.8	53.8	53.9	53.9	53.9	53.9	53.9	54.0	54.0
GE 2000	59.4	60.5	62.4	63.1	63.9	64.0	64.2	64.4	64.4	64.6	64.7	64.7	64.8	64.8	64.9	64.9
GE 1800	61.3	62.6	64.7	65.5	66.4	66.5	66.8	67.0	67.0	67.3	67.3	67.3	67.4	67.4	67.5	67.6
GE 1500	67.2	68.8	71.5	72.7	74.4	74.7	75.4	75.8	75.9	76.2	76.3	76.3	76.4	76.4	76.5	76.6
GE 1200	71.3	73.1	76.3	77.8	79.8	80.1	81.1	81.8	81.9	82.3	82.4	82.5	82.6	82.6	82.7	82.8
GE 1000	73.3	75.3	78.8	80.6	82.8	83.4	84.6	85.5	85.6	86.1	86.4	86.4	86.6	86.6	86.7	86.8
GE 900	74.3	76.4	80.0	81.9	84.3	84.9	86.3	87.4	87.5	88.3	88.6	88.6	88.9	88.9	89.0	89.1
GE 800	75.0	77.2	80.9	82.9	85.3	86.0	87.5	88.6	88.8	89.7	90.1	90.2	90.5	90.5	90.7	90.8
GE 700	75.4	77.7	81.5	83.6	86.3	86.9	88.5	89.6	89.8	90.8	91.2	91.3	91.6	91.7	91.9	92.0
GE 600	75.8	78.2	82.3	84.5	87.3	88.0	89.6	91.0	91.2	92.3	92.8	92.9	93.2	93.3	93.5	93.6
GE 500	76.4	79.0	83.4	85.8	89.0	89.8	91.7	93.1	93.4	94.7	95.4	95.5	96.0	96.0	96.3	96.5
GE 400	76.6	79.2	83.7	86.2	89.5	90.4	92.5	94.0	94.3	95.7	96.5	96.7	97.2	97.3	97.6	97.8
GE 300	76.6	79.3	83.8	86.3	89.7	90.6	92.8	94.5	94.8	96.4	97.5	97.6	98.4	98.6	99.0	99.1
GE 200	76.6	79.3	83.8	86.3	89.8	90.7	92.9	94.7	94.9	96.6	97.7	97.9	98.7	99.0	99.5	99.7
GE 100	76.6	79.3	83.8	86.3	89.8	90.7	92.9	94.7	95.0	96.7	97.8	97.9	98.8	99.1	99.7	100.0
GE 000	76.6	79.3	83.8	86.3	89.8	90.7	92.9	94.7	95.0	96.7	97.8	97.9	98.8	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7388

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 20000	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 18000	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 16000	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 14000	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 12000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
GE 10000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 9000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 8000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 7000	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 6000	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 5000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 4500	22.7	22.7	22.7	22.8	22.8	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 4000	23.3	23.3	23.5	23.6	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 3500	25.1	25.1	25.4	25.6	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 3000	29.2	29.3	29.9	30.5	30.6	30.6	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 2500	38.5	38.9	40.1	40.8	40.9	40.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 2000	50.7	51.2	53.1	54.1	54.9	54.9	55.2	55.3	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 1800	53.0	53.6	55.8	57.0	58.0	58.0	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6	58.6	58.6
GE 1500	61.9	63.4	66.9	68.9	70.9	70.9	71.2	71.9	71.9	72.5	72.6	72.6	73.0	73.0	73.0	73.0
GE 1200	67.5	69.0	73.3	75.5	78.2	78.3	78.8	79.8	80.0	80.7	81.2	81.2	81.6	81.6	81.6	81.6
GE 1000	68.8	70.5	75.1	77.3	80.2	80.3	81.0	82.0	82.1	82.9	83.3	83.3	83.8	83.8	83.8	83.8
GE 900	70.0	71.8	76.5	78.6	82.0	82.1	83.2	84.2	84.3	85.4	86.0	86.0	86.5	86.5	86.5	86.5
GE 800	70.4	72.2	77.3	79.5	83.2	83.3	84.7	85.9	86.0	87.1	87.7	87.7	88.1	88.1	88.1	88.1
GE 700	71.0	72.8	78.3	80.7	85.0	85.1	86.6	87.8	87.9	89.0	89.7	89.7	90.1	90.3	90.3	90.3
GE 600	71.9	73.8	79.5	82.3	86.7	86.8	88.5	89.7	89.8	90.9	91.8	91.8	92.4	92.5	92.5	92.5
GE 500	72.3	74.5	81.3	84.7	89.8	90.3	92.0	93.4	93.5	95.1	96.0	96.0	96.6	96.8	96.8	96.8
GE 400	72.3	74.5	81.4	84.8	90.1	90.7	92.7	94.3	94.4	96.0	97.3	97.3	98.0	98.2	98.4	98.4
GE 300	72.6	74.7	81.7	85.1	90.6	91.2	93.2	95.3	95.4	97.0	98.3	98.3	99.1	99.3	99.6	99.6
GE 200	72.6	74.7	81.7	85.1	90.6	91.2	93.2	95.3	95.4	97.0	98.4	98.4	99.3	99.6	99.9	99.9
GE 100	72.6	74.7	81.7	85.1	90.6	91.2	93.2	95.3	95.4	97.0	98.4	98.4	99.3	99.6	99.9	100.0
GE 000	72.6	74.7	81.7	85.1	90.6	91.2	93.2	95.3	95.4	97.0	98.4	98.4	99.3	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
GE 20000	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 18000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 16000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 14000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 12000	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 10000	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 9000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 8000	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 7000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 6000	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 5000	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 4500	18.7	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 4000	20.7	20.9	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 3500	22.2	22.3	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 3000	27.9	28.1	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 2500	37.3	37.9	39.6	39.8	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 2000	51.6	52.5	55.7	56.4	57.1	57.3	57.6	57.7	57.7	58.2	58.2	58.2	58.2	58.2	58.2	58.2
GE 1800	53.5	54.5	57.8	58.5	59.2	59.4	59.8	59.9	59.9	60.3	60.4	60.4	60.4	60.4	60.4	60.4
GE 1500	60.0	61.1	65.6	67.2	68.9	69.2	69.5	69.7	69.7	70.2	70.3	70.3	70.6	70.6	70.6	70.6
GE 1200	65.6	67.0	72.2	74.2	76.5	76.7	77.1	77.5	77.5	78.0	78.6	78.6	78.9	78.9	78.9	78.9
GE 1000	67.0	68.7	74.1	76.2	78.6	78.8	79.3	79.6	79.6	80.2	80.8	80.8	81.2	81.2	81.2	81.2
GE 900	68.5	70.3	75.8	77.9	80.4	80.6	81.1	81.5	81.5	82.4	83.3	83.3	83.6	83.6	83.6	83.6
GE 800	69.5	71.3	77.4	79.5	82.2	82.4	83.0	83.4	83.4	84.3	85.2	85.2	85.5	85.5	85.5	85.5
GE 700	69.6	71.5	77.8	80.2	83.3	83.6	84.2	84.8	84.9	86.1	87.1	87.1	87.4	87.4	87.4	87.4
GE 600	70.3	72.4	79.6	82.2	85.7	86.1	86.7	87.6	87.7	88.9	90.1	90.1	90.5	90.5	90.5	90.5
GE 500	71.1	73.7	81.1	83.7	88.6	89.2	90.6	91.9	92.0	93.8	95.2	95.2	96.0	96.0	96.0	96.0
GE 400	71.3	73.9	81.3	84.1	89.3	90.0	91.4	92.9	93.2	95.0	96.4	96.4	97.4	97.4	97.4	97.4
GE 300	71.5	74.1	81.6	84.4	90.0	90.7	92.0	94.1	94.3	96.3	97.8	97.8	99.1	99.1	99.1	99.1
GE 200	71.6	74.2	81.7	84.5	90.1	90.8	92.2	94.2	94.4	96.4	97.9	97.9	99.7	99.7	99.7	99.7
GE 100	71.6	74.2	81.7	84.5	90.1	90.8	92.2	94.2	94.4	96.4	97.9	97.9	99.7	99.7	99.8	99.9
GE 000	71.6	74.2	81.7	84.5	90.1	90.8	92.2	94.2	94.4	96.4	97.9	97.9	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 892

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 20000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 18000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 16000	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 14000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 12000	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 10000	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 9000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 8000	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 7000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 6000	20.2	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 5000	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 4500	23.0	23.0	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 4000	24.5	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 3500	25.9	26.0	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 3000	31.2	31.4	32.0	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 2500	39.4	39.6	40.8	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2
GE 2000	48.5	49.3	52.2	53.2	53.6	53.7	54.1	54.1	54.1	54.3	54.3	54.3	54.3	54.3	54.3	54.3
GE 1800	50.9	51.7	54.7	56.0	56.5	56.6	57.0	57.0	57.0	57.2	57.2	57.3	57.3	57.3	57.3	57.3
GE 1500	58.5	59.5	63.8	65.4	66.8	67.0	67.3	67.3	67.3	67.8	67.8	67.9	68.2	68.2	68.2	68.2
GE 1200	64.1	65.4	70.2	72.5	73.9	74.2	74.7	74.9	75.0	75.5	75.7	75.8	76.1	76.3	76.5	76.5
GE 1000	65.4	66.9	72.0	74.5	76.3	76.8	77.5	77.7	77.8	78.5	78.8	79.0	79.4	79.5	79.7	79.7
GE 900	67.6	69.5	74.9	77.5	80.0	80.6	81.3	81.6	81.8	82.7	83.2	83.4	83.7	83.8	84.2	84.2
GE 800	68.0	70.0	75.9	78.6	81.4	81.9	82.6	82.9	83.2	84.1	84.5	84.7	85.1	85.2	85.5	85.5
GE 700	68.6	70.8	77.1	80.4	83.3	84.2	85.1	85.4	85.7	86.6	87.2	87.4	87.7	87.8	88.2	88.2
GE 600	68.9	71.3	78.1	81.8	85.1	86.1	87.1	87.5	87.8	89.1	89.6	89.9	90.2	90.3	90.6	90.6
GE 500	69.3	72.0	79.6	84.7	88.4	89.7	90.9	91.6	92.0	93.3	94.2	94.4	94.8	94.9	95.2	95.2
GE 400	69.9	72.8	80.5	85.8	89.6	91.2	92.6	93.4	93.8	95.3	96.5	96.8	97.2	97.3	97.7	97.7
GE 300	70.1	73.0	80.7	86.2	90.2	91.8	93.2	94.1	94.4	96.2	97.7	97.9	98.7	98.8	99.2	99.2
GE 200	70.1	73.0	80.7	86.2	90.2	91.8	93.3	94.2	94.5	96.3	97.9	98.1	99.0	99.1	99.6	99.6
GE 100	70.1	73.0	80.7	86.2	90.2	91.8	93.3	94.2	94.5	96.3	97.9	98.1	99.0	99.1	99.8	100.0
GE 000	70.1	73.0	80.7	86.2	90.2	91.8	93.3	94.2	94.5	96.3	97.9	98.1	99.0	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.5	14.6	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 20000	17.3	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 18000	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 16000	17.7	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 14000	17.7	17.8	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 12000	18.2	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 10000	18.7	18.8	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 9000	19.0	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 8000	19.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 7000	20.4	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 6000	22.1	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 5000	23.1	23.3	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 4500	24.0	24.2	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 4000	25.8	26.0	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 3500	28.1	28.3	28.5	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 3000	33.8	34.0	34.3	34.4	34.6	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7
GE 2500	40.6	40.8	41.9	42.3	42.4	42.4	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 2000	49.6	50.3	52.1	53.3	54.2	54.2	54.5	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 1800	51.8	52.6	54.4	55.7	56.6	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 1500	62.3	63.4	65.8	67.4	68.7	68.8	69.7	69.8	69.8	70.0	70.0	70.0	70.2	70.2	70.2	70.2
GE 1200	67.4	69.0	71.9	73.9	75.4	75.7	77.1	77.4	77.5	77.9	78.0	78.0	78.3	78.3	78.6	78.8
GE 1000	69.1	70.8	73.8	75.8	77.5	77.8	79.9	80.4	80.5	80.9	81.0	81.0	81.3	81.3	81.6	81.8
GE 900	71.3	73.2	76.8	78.9	80.8	81.3	83.5	84.2	84.3	84.8	84.9	84.9	85.2	85.2	85.6	85.8
GE 800	72.2	74.4	78.0	80.3	82.5	83.1	85.4	86.1	86.2	86.8	87.1	87.2	87.4	87.4	88.1	88.3
GE 700	72.9	75.3	79.2	81.7	84.1	84.6	87.2	88.2	88.3	89.0	89.3	89.5	89.7	89.7	90.4	90.6
GE 600	74.0	77.0	81.2	84.1	87.0	87.5	90.2	91.2	91.3	92.0	92.3	92.5	92.8	92.8	93.4	93.6
GE 500	74.5	77.5	82.4	85.5	88.7	89.5	92.5	93.8	94.1	94.8	95.1	95.3	95.8	95.8	96.4	96.7
GE 400	74.9	78.3	83.3	86.4	89.6	90.5	93.5	94.8	95.1	95.8	96.2	96.4	96.9	96.9	97.7	97.9
GE 300	74.9	78.3	83.3	86.5	89.9	90.9	94.0	95.2	95.5	96.3	96.8	97.0	97.7	97.8	98.7	99.3
GE 200	74.9	78.3	83.3	86.5	89.9	90.9	94.0	95.2	95.5	96.3	96.9	97.1	97.8	97.9	99.2	99.9
GE 100	74.9	78.3	83.3	86.5	89.9	90.9	94.0	95.2	95.5	96.3	96.9	97.1	97.8	97.9	99.3	100.0
GE 000	74.9	78.3	83.3	86.5	89.9	90.9	94.0	95.2	95.5	96.3	96.9	97.1	97.8	97.9	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 20000	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 18000	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 16000	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 14000	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 12000	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 10000	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 9000	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 8000	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 7000	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 6000	25.6	25.7	25.7	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8
GE 5000	26.3	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 4500	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 4000	28.6	28.7	28.7	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 3500	30.9	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 3000	34.8	35.1	35.2	35.2	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 2500	43.1	43.5	44.0	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 2000	53.2	54.0	55.0	55.5	56.0	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 1800	55.9	56.8	57.9	58.7	59.5	59.8	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1500	67.3	68.6	70.5	71.8	73.2	73.5	74.4	74.5	74.5	74.5	74.5	74.5	74.6	74.6	74.8	74.8
GE 1200	72.4	73.7	75.7	77.5	79.4	79.8	81.0	81.2	81.2	81.3	81.7	81.7	81.9	81.9	82.3	82.3
GE 1000	74.8	77.0	79.3	81.2	83.2	83.7	85.3	85.6	85.6	85.8	86.1	86.1	86.4	86.4	87.1	87.1
GE 900	77.0	79.3	82.2	84.2	86.2	86.7	88.4	88.7	88.7	88.9	89.4	89.4	89.7	89.7	90.5	90.5
GE 800	78.5	81.0	84.1	86.1	88.3	88.7	90.4	90.7	90.7	90.9	91.5	91.5	91.8	91.8	92.6	92.6
GE 700	79.2	81.7	85.0	87.4	89.5	90.2	91.9	92.7	92.7	93.0	93.6	93.6	94.1	94.1	94.9	94.9
GE 600	80.3	83.0	86.8	89.3	91.4	92.1	94.0	94.7	94.7	95.0	95.6	95.6	96.1	96.1	96.9	96.9
GE 500	81.0	83.8	87.8	90.4	92.7	93.5	95.4	96.2	96.2	96.4	97.1	97.1	97.5	97.8	98.5	98.7
GE 400	81.0	83.8	87.8	90.4	92.7	93.6	95.5	96.3	96.3	96.5	97.2	97.2	97.7	97.9	98.8	98.9
GE 300	81.2	84.0	88.1	90.7	93.1	94.1	96.0	96.8	96.9	97.1	97.8	97.8	98.2	98.4	99.3	99.6
GE 200	81.2	84.0	88.1	90.7	93.1	94.1	96.0	96.8	96.9	97.2	97.9	97.9	98.3	98.5	99.8	100.0
GE 100	81.2	84.0	88.1	90.7	93.1	94.1	96.0	96.8	96.9	97.2	97.9	97.9	98.3	98.5	99.8	100.0
GE 000	81.2	84.0	88.1	90.7	93.1	94.1	96.0	96.8	96.9	97.2	97.9	97.9	98.3	98.5	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 20000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 18000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 16000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 14000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 12000	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 10000	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3
GE 9000	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 8000	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 7000	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 6000	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 5000	24.8	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 4500	25.7	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 4000	27.6	27.9	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 3500	29.9	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 3000	34.5	34.9	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 2500	43.1	43.5	44.3	44.7	44.8	44.9	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 2000	52.7	53.6	54.8	55.9	56.5	56.6	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2	57.2	57.2
GE 1800	55.2	56.3	57.8	59.0	59.9	60.0	60.5	60.6	60.6	60.6	60.6	60.6	60.7	60.7	60.7	60.7
GE 1500	66.2	67.7	69.9	71.6	73.2	73.3	74.0	74.2	74.2	74.3	74.3	74.3	74.5	74.5	74.7	74.7
GE 1200	71.5	73.0	76.5	78.6	81.1	81.3	81.9	82.2	82.2	82.5	82.6	82.7	83.2	83.2	83.5	83.5
GE 1000	73.3	75.0	79.0	81.1	84.0	84.2	85.2	85.5	85.5	85.9	86.0	86.1	86.6	86.6	87.2	87.2
GE 900	74.6	76.3	80.5	82.8	85.6	85.9	87.0	87.3	87.4	87.8	88.0	88.1	88.7	88.7	89.2	89.2
GE 800	75.4	77.3	81.9	84.4	87.3	87.7	88.8	89.1	89.2	89.7	90.1	90.2	90.8	90.8	91.4	91.4
GE 700	76.4	78.7	83.5	86.1	89.2	89.6	91.2	91.6	91.7	92.3	92.8	92.9	93.5	93.6	94.2	94.2
GE 600	77.7	80.0	85.6	88.3	91.7	92.0	93.8	94.3	94.4	94.9	95.5	95.6	96.2	96.3	96.9	96.9
GE 500	78.1	80.6	86.2	89.0	92.4	92.8	94.7	95.3	95.4	96.2	96.7	96.9	97.4	97.5	98.3	98.3
GE 400	78.5	80.9	86.5	89.6	92.9	93.4	95.4	96.0	96.1	96.9	97.4	97.5	98.1	98.2	99.2	99.2
GE 300	78.5	80.9	86.5	89.7	93.2	93.6	95.7	96.3	96.4	97.2	97.8	97.9	98.4	98.5	99.8	99.9
GE 200	78.5	80.9	86.5	89.7	93.2	93.6	95.8	96.4	96.5	97.3	97.9	98.0	98.5	98.7	99.9	100.0
GE 100	78.5	80.9	86.5	89.7	93.2	93.6	95.8	96.4	96.5	97.3	97.9	98.0	98.5	98.7	99.9	100.0
GE 000	78.5	80.9	86.5	89.7	93.2	93.6	95.8	96.4	96.5	97.3	97.9	98.0	98.5	98.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 891

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 20000	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 18000	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 16000	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 14000	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 12000	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 10000	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 9000	20.3	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 8000	20.5	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 7000	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 6000	21.8	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 5000	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 4500	23.6	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 4000	25.8	25.8	25.9	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 3500	26.7	26.7	26.9	27.1	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 3000	31.4	31.4	31.7	31.8	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 2500	41.2	41.5	42.0	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 2000	51.2	52.2	53.1	53.9	54.8	54.8	54.9	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.1	55.1
GE 1800	53.5	54.6	55.8	56.8	57.9	57.9	58.0	58.0	58.0	58.1	58.1	58.2	58.2	58.2	58.4	58.4
GE 1500	63.7	65.3	67.0	68.7	70.5	70.8	71.4	71.7	71.9	72.2	72.3	72.4	72.6	72.6	72.8	72.8
GE 1200	70.0	71.7	74.2	75.9	78.2	78.5	79.5	79.8	80.1	80.5	80.8	81.0	81.2	81.2	81.4	81.4
GE 1000	72.3	74.1	76.7	78.7	81.2	81.5	83.0	83.7	84.0	84.5	84.9	85.0	85.3	85.3	85.5	85.5
GE 900	72.9	74.7	77.4	79.6	82.2	82.5	84.0	85.1	85.3	85.9	86.2	86.3	86.6	86.7	87.2	87.2
GE 800	73.6	75.5	78.2	80.8	83.4	83.9	85.3	86.4	86.6	87.2	87.5	87.6	88.0	88.1	88.5	88.5
GE 700	74.3	76.7	80.0	82.7	86.1	86.7	88.4	89.5	89.9	90.4	90.8	90.9	91.2	91.3	91.8	91.8
GE 600	75.3	78.0	81.5	84.5	88.3	89.1	91.0	92.1	92.4	93.2	93.5	93.7	94.2	94.3	94.8	94.8
GE 500	76.3	79.1	82.9	85.9	89.9	91.0	93.7	94.8	95.1	96.0	96.3	96.4	97.0	97.2	97.7	97.7
GE 400	76.7	79.5	83.3	86.4	90.5	91.6	94.5	95.8	96.2	97.1	97.4	97.6	98.1	98.3	98.9	98.9
GE 300	76.7	79.5	83.3	86.5	90.8	91.9	95.0	96.4	96.9	98.0	98.3	98.4	99.0	99.2	99.8	99.9
GE 200	76.7	79.5	83.3	86.6	90.9	92.0	95.1	96.5	97.0	98.1	98.4	98.6	99.1	99.3	99.9	100.0
GE 100	76.7	79.5	83.3	86.6	90.9	92.0	95.1	96.5	97.0	98.1	98.4	98.6	99.1	99.3	99.9	100.0
GE 000	76.7	79.5	83.3	86.6	90.9	92.0	95.1	96.5	97.0	98.1	98.4	98.6	99.1	99.3	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING IN FOOT	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	13.8	13.9	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 20000	15.6	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 18000	16.8	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 16000	17.2	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 14000	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 12000	18.0	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 10000	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 9000	18.8	18.9	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 8000	19.6	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 7000	20.5	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 6000	21.4	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 5000	22.3	22.5	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 4500	23.5	23.7	23.9	23.9	24.0	24.0	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3
GE 4000	25.1	25.3	25.4	25.5	25.6	25.6	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 3500	26.3	27.0	27.1	27.2	27.4	27.4	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 3000	30.1	30.3	30.5	30.6	30.8	30.8	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 2500	39.1	39.5	40.2	40.4	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 2000	50.3	51.1	52.9	53.6	54.1	54.1	54.8	54.9	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 1800	53.5	54.3	56.3	57.4	58.0	58.0	58.7	58.8	58.9	59.1	59.1	59.1	59.4	59.4	59.4	59.4
GE 1500	61.4	63.0	65.8	67.6	69.5	69.5	70.7	71.0	71.1	71.3	71.3	71.3	72.2	72.2	72.2	72.2
GE 1200	67.9	69.5	73.1	75.8	77.8	78.1	79.3	79.7	79.8	80.1	80.2	80.2	81.1	81.1	81.1	81.1
GE 1000	69.3	71.0	74.7	77.6	79.8	80.1	81.4	82.1	82.2	82.4	82.5	82.5	83.4	83.4	83.4	83.4
GE 900	70.8	72.4	76.7	80.0	82.5	82.9	84.2	84.9	85.0	85.2	85.3	85.3	86.2	86.2	86.2	86.2
GE 800	71.8	73.7	77.8	81.2	83.9	84.2	85.7	86.5	86.6	86.8	86.9	86.9	87.8	87.8	87.8	87.8
GE 700	72.7	74.9	79.2	82.8	85.7	86.2	88.1	88.9	89.0	89.2	89.5	89.5	90.4	90.5	90.5	90.5
GE 600	73.3	75.7	80.5	84.5	87.8	88.5	90.4	91.2	91.3	91.5	91.8	91.8	92.8	92.9	92.9	92.9
GE 500	73.8	76.1	81.2	85.3	89.0	89.8	91.9	93.3	93.4	93.8	94.3	94.3	95.3	95.4	95.4	95.4
GE 400	74.1	76.6	81.7	86.0	90.3	91.3	93.6	95.3	95.4	95.9	96.3	96.3	97.3	97.4	97.5	97.5
GE 300	74.4	76.8	82.0	86.5	90.8	92.2	94.8	97.0	97.1	97.9	98.4	98.4	99.4	99.6	99.7	99.7
GE 200	74.4	76.8	82.0	86.6	90.9	92.3	95.1	97.3	97.4	98.2	98.8	98.8	99.8	99.9	100.0	100.0
GE 100	74.4	76.8	82.0	86.6	90.9	92.3	95.1	97.3	97.4	98.2	98.8	98.8	99.8	99.9	100.0	100.0
GE 000	74.4	76.8	82.0	86.6	90.9	92.3	95.1	97.3	97.4	98.2	98.8	98.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 20000	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
GE 18000	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 16000	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 14000	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6
GE 12000	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 10000	18.4	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 9000	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 8000	19.3	19.3	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 7000	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 6000	21.4	21.5	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 5000	22.4	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 4500	23.5	23.7	23.8	23.8	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9
GE 4000	25.2	25.3	25.5	25.5	25.5	25.5	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 3500	26.9	27.1	27.3	27.4	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5	27.5
GE 3000	31.6	31.8	32.2	32.4	32.5	32.5	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 2500	40.3	40.7	41.6	41.9	42.1	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 2000	51.0	51.8	53.6	54.5	55.1	55.2	55.6	55.6	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 1800	53.4	54.3	56.3	57.4	58.2	58.3	58.7	58.7	58.8	58.9	58.9	58.9	59.0	59.0	59.0	59.0
GE 1500	62.7	64.0	66.9	68.6	70.2	70.4	71.0	71.3	71.3	71.6	71.6	71.7	72.0	72.0	72.1	72.1
GE 1200	68.3	69.8	73.4	75.5	77.6	77.8	78.7	79.1	79.1	79.6	79.8	79.9	80.3	80.3	80.5	80.5
GE 1000	70.0	71.7	75.6	77.8	80.1	80.4	81.6	82.1	82.2	82.6	82.9	83.0	83.4	83.4	83.7	83.7
GE 900	71.6	73.5	77.6	79.9	82.5	82.8	84.1	84.7	84.8	85.4	85.8	85.8	86.3	86.3	86.6	86.7
GE 800	72.4	74.4	78.8	81.3	84.0	84.4	85.7	86.4	86.5	87.1	87.6	87.6	88.1	88.1	88.4	88.5
GE 700	73.1	75.3	80.0	82.7	85.8	86.3	87.8	88.6	88.8	89.4	90.0	90.1	90.5	90.6	90.9	91.0
GE 600	74.0	76.4	81.6	84.6	87.9	88.5	90.2	91.0	91.2	91.9	92.6	92.6	93.1	93.2	93.6	93.6
GE 500	74.5	77.1	82.8	86.1	89.9	90.7	92.7	93.8	94.0	94.9	95.6	95.7	96.3	96.4	96.8	96.8
GE 400	74.8	77.5	83.2	86.7	90.6	91.5	93.7	94.8	95.1	96.0	96.9	96.9	97.6	97.7	98.2	98.2
GE 300	75.0	77.7	83.4	86.9	91.1	92.0	94.2	95.6	95.9	97.0	97.8	97.9	98.7	98.8	99.4	99.5
GE 200	75.0	77.7	83.4	87.0	91.1	92.1	94.3	95.7	96.0	97.1	98.0	98.1	98.9	99.1	99.7	99.9
GE 100	75.0	77.7	83.4	87.0	91.1	92.1	94.3	95.7	96.0	97.1	98.0	98.1	98.9	99.1	99.8	100.0
GE 000	75.0	77.7	83.4	87.0	91.1	92.1	94.3	95.7	96.0	97.1	98.0	98.1	98.9	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7155

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 20000	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 18000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 16000	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7
GE 14000	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 12000	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 10000	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
GE 9000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 8000	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.8	17.9	17.9
GE 7000	18.9	19.0	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.2	19.2	19.3	19.3
GE 6000	21.6	21.7	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.4	22.4
GE 5000	23.9	24.1	24.3	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.7	24.7	24.8	24.8
GE 4500	25.7	25.9	26.1	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.4	26.4	26.5	26.5
GE 4000	28.5	28.7	28.9	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.2	29.2	29.3	29.3
GE 3500	31.8	32.1	32.3	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.7	32.7
GE 3000	36.3	36.5	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.2	37.3	37.3
GE 2500	48.3	48.5	49.3	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9	50.0	50.0
GE 2000	57.5	57.7	59.5	59.8	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	60.0	60.0	60.1	60.1
60.0 GE 1500	60.2	62.0	62.3	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.5	62.5	62.6	62.6	
GE 1200	67.5	68.2	70.1	70.7	71.1	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.3	71.3	71.4	71.4
GE 1000	71.6	72.4	74.8	76.1	76.6	76.7	76.7	76.8	76.8	76.8	76.8	76.8	77.0	77.0	77.1	77.1
GE 900	75.2	76.1	79.0	80.4	81.4	81.5	81.5	81.7	81.7	81.7	81.7	81.7	81.8	82.0	82.1	82.1
GE 800	77.7	78.6	82.1	83.6	85.0	85.1	85.1	85.3	85.3	85.3	85.3	85.3	85.4	85.5	85.7	85.7
GE 700	78.5	79.5	82.9	84.5	85.9	86.1	86.1	86.3	86.3	86.3	86.3	86.3	86.4	86.5	86.6	86.6
GE 600	80.8	81.7	85.4	87.1	88.7	88.9	88.9	89.1	89.1	89.3	89.3	89.3	89.5	89.6	89.7	89.7
GE 500	81.4	82.4	86.3	88.0	89.7	89.9	89.9	90.3	90.3	90.7	90.7	90.7	90.9	91.0	91.1	91.1
GE 400	82.6	83.7	88.0	89.9	91.7	92.0	92.3	92.8	92.9	93.3	93.3	93.3	93.5	93.8	93.9	93.9
GE 300	83.6	84.7	89.6	91.4	93.7	94.2	94.6	95.2	95.3	96.0	96.0	96.0	96.2	96.5	96.7	96.7
GE 200	83.7	84.9	89.9	91.7	95.1	95.8	96.3	97.0	97.1	98.3	98.5	98.6	98.8	99.1	99.3	99.3
GE 100	83.8	85.0	90.0	91.8	95.3	96.0	96.6	97.3	97.4	98.7	98.9	99.0	99.2	99.6	99.8	99.8
GE 000	83.8	85.0	90.0	91.8	95.3	96.0	96.6	97.3	97.4	98.7	98.9	99.0	99.5	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	11.5	11.5	11.6	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
GE 20000	12.1	12.1	12.2	12.2	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
GE 18000	12.8	12.8	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 16000	13.1	13.1	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 14000	13.4	13.4	13.5	13.5	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 12000	13.9	13.9	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 10000	14.3	14.3	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 9000	14.4	14.4	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 8000	15.2	15.2	15.3	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.5	15.6	15.6	15.6	15.6
GE 7000	17.3	17.4	17.6	17.6	17.7	17.7	17.7	17.7	17.7	17.7	17.7	17.8	17.9	17.9	17.9	17.9
GE 6000	19.1	19.4	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.7	19.8	19.8	19.8	19.8
GE 5000	21.7	22.0	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.4	22.4	22.4	22.4
GE 4500	23.9	24.3	24.4	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.6	24.7	24.7	24.7	24.7
GE 4000	26.0	26.4	26.5	26.5	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.9	27.0	27.0	27.0	27.0
GE 3500	29.9	30.4	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.9	31.0	31.0	31.0	31.0
GE 3000	36.2	36.7	36.8	36.8	37.1	37.1	37.1	37.1	37.1	37.1	37.1	37.2	37.3	37.3	37.3	37.3
GE 2500	47.5	48.0	48.3	48.3	48.5	48.5	48.6	48.6	48.6	48.6	48.6	48.8	48.9	48.9	48.9	48.9
GE 2000	57.2	58.0	58.8	58.9	59.4	59.4	59.5	59.5	59.6	59.6	59.6	59.7	59.8	59.8	59.8	59.8
GE 1800	59.3	60.0	61.0	61.2	61.8	61.8	61.9	61.9	62.0	62.0	62.0	62.1	62.2	62.2	62.2	62.2
GE 1500	67.7	68.7	70.0	70.7	71.5	71.5	71.6	71.6	71.7	71.7	71.7	71.8	71.9	71.9	71.9	71.9
GE 1200	72.4	73.9	75.6	76.4	77.4	77.4	77.5	77.5	77.6	77.6	77.6	77.7	77.8	77.8	77.8	77.8
GE 1000	75.7	77.5	79.8	80.8	81.9	81.9	82.0	82.0	82.1	82.1	82.1	82.2	82.3	82.3	82.3	82.3
GE 900	77.2	79.0	82.4	83.4	84.7	84.7	84.8	84.8	84.9	84.9	84.9	85.0	85.2	85.2	85.2	85.2
GE 800	78.8	80.5	84.0	84.9	86.6	86.6	86.7	86.7	86.8	86.8	86.8	86.9	87.0	87.0	87.0	87.0
GE 700	80.2	82.1	86.0	87.0	88.8	88.8	88.9	88.9	89.1	89.2	89.2	89.3	89.4	89.4	89.4	89.4
GE 600	81.4	83.4	87.5	88.5	90.6	90.6	90.7	90.7	90.8	91.1	91.1	91.3	91.5	91.5	91.5	91.5
GE 500	82.7	84.7	89.9	91.5	93.8	93.8	94.6	94.7	94.8	95.1	95.1	95.3	95.7	95.7	95.7	95.7
GE 400	82.9	85.0	90.8	92.4	95.0	95.0	95.8	95.9	96.0	96.4	96.6	96.9	97.2	97.2	97.2	97.2
GE 300	83.2	85.4	91.1	92.7	96.3	96.3	97.2	97.3	97.5	98.3	98.5	98.7	99.0	99.0	99.0	99.0
GE 200	83.2	85.4	91.1	92.7	96.6	96.6	97.5	97.7	97.9	98.7	99.1	99.3	99.7	99.7	99.7	99.7
GE 100	83.3	85.5	91.2	92.8	96.7	96.7	97.6	97.8	98.0	98.8	99.2	99.5	100.0	100.0	100.0	100.0
GE 000	83.3	85.5	91.2	92.8	96.7	96.7	97.6	97.8	98.0	98.8	99.2	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	1.7	10.7	10.7	10.7	10.7	10.7	10.7
GE 20000		12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 18000		12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 16000		12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 14000		12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 12000		13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 10000		13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 9000		14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 8000		15.6	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 7000		17.8	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 6000		19.8	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 5000		21.8	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 4500		24.9	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 4000		27.0	27.6	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 3500		31.0	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 3000		35.6	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5
GE 2500		43.1	44.0	44.5	44.8	44.8	44.8	44.8	44.8	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0
GE 2000		54.8	55.8	56.6	56.9	57.1	57.1	57.2	57.2	57.3	57.3	57.4	57.4	57.4	57.4	57.4	57.4
GE 1800		57.7	58.7	59.8	60.0	60.3	60.3	60.4	60.4	60.5	60.5	60.6	60.6	60.6	60.6	60.6	60.6
GE 1500		66.1	67.4	68.9	69.5	70.4	70.4	70.5	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7
GE 1200		70.3	71.7	74.2	75.0	76.8	76.8	76.9	77.0	77.1	77.1	77.2	77.2	77.2	77.2	77.2	77.2
GE 1000		74.3	75.9	78.5	79.7	81.6	81.6	81.7	81.8	81.9	82.1	82.2	82.2	82.2	82.2	82.2	82.2
GE 900		76.6	78.4	81.1	82.4	84.8	84.9	85.0	85.3	85.4	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 800		77.2	78.9	82.1	83.4	86.1	86.2	86.3	86.6	86.7	86.9	87.0	87.0	87.0	87.0	87.0	87.0
GE 700		79.0	80.9	84.5	86.2	89.0	89.1	89.2	89.5	89.6	89.8	89.9	89.9	89.9	89.9	89.9	89.9
GE 600		79.7	81.6	85.9	88.0	90.8	91.0	91.1	91.5	91.6	91.8	91.9	91.9	91.9	91.9	91.9	91.9
GE 500		80.8	82.9	88.1	90.2	93.5	93.8	94.1	94.5	94.8	95.1	95.2	95.4	95.5	95.7	95.7	95.7
GE 400		81.3	83.5	88.8	90.9	94.5	94.8	95.2	95.9	96.2	96.6	96.8	96.9	97.0	97.2	97.2	97.2
GE 300		81.5	83.7	89.2	91.6	95.4	95.8	96.4	97.3	97.6	98.1	98.2	98.3	98.4	98.6	98.6	98.6
GE 200		81.6	83.8	89.3	91.8	95.8	96.2	97.0	97.8	98.2	98.7	98.9	99.1	99.7	99.9	99.9	99.9
GE 100		81.6	83.8	89.3	91.8	95.8	96.2	97.0	97.8	98.2	98.7	98.9	99.1	99.7	99.9	100.0	100.0
GE 000		81.6	83.8	89.3	91.8	95.8	96.2	97.0	97.8	98.2	98.7	98.9	99.1	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7	9.7
GE 20000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 18000	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 16000	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 14000	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
GE 12000	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7	12.7
GE 10000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 9000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 8000	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 7000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 6000	18.3	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 5000	19.4	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 4500	20.8	21.1	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 4000	23.1	23.5	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 3500	28.6	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1	29.1
GE 3000	35.4	36.0	36.2	36.2	36.3	36.3	36.3	36.3	36.3	36.3	36.4	36.5	36.5	36.5	36.5	36.5
GE 2500	43.9	44.5	45.0	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.3	45.4	45.4	45.4	45.4	45.4
GE 2000	54.0	54.9	55.4	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.8	55.9	55.9	55.9	55.9	55.9
GE 1800	57.3	58.3	58.7	59.0	59.1	59.2	59.2	59.2	59.2	59.2	59.3	59.4	59.4	59.4	59.4	59.4
GE 1500	67.2	68.8	69.9	70.5	70.8	71.1	71.1	71.1	71.1	71.1	71.2	71.3	71.3	71.3	71.3	71.3
GE 1200	74.5	76.5	78.0	78.6	79.3	79.6	79.6	79.6	79.6	79.6	79.7	79.8	79.8	79.8	79.8	79.8
GE 1000	78.6	81.4	83.1	83.9	84.8	85.1	85.1	85.1	85.1	85.1	85.2	85.3	85.3	85.3	85.3	85.3
GE 900	83.2	86.1	87.9	89.0	90.1	90.6	90.6	90.6	90.6	90.6	90.7	90.8	90.8	90.8	90.8	90.8
GE 800	84.1	87.1	88.9	90.1	91.5	92.0	92.0	92.0	92.0	92.0	92.1	92.2	92.2	92.2	92.2	92.2
GE 700	85.3	88.3	90.2	91.5	92.9	93.4	93.4	93.5	93.5	93.7	93.8	93.9	93.9	93.9	93.9	93.9
GE 600	85.9	88.8	91.1	92.6	94.1	94.6	94.6	94.8	94.8	95.0	95.1	95.2	95.2	95.3	95.3	95.3
GE 500	86.8	89.8	92.2	93.9	95.8	96.3	96.4	96.6	96.6	96.9	97.0	97.1	97.1	97.3	97.3	97.3
GE 400	87.6	90.7	93.3	95.1	97.0	97.6	97.7	98.0	98.0	98.3	98.4	98.5	98.5	98.7	98.7	98.7
GE 300	87.9	91.0	93.6	95.4	97.3	98.0	98.3	98.7	98.7	99.0	99.2	99.3	99.3	99.6	99.6	99.6
GE 200	87.9	91.0	93.6	95.4	97.5	98.4	98.7	99.1	99.1	99.5	99.7	99.8	99.8	100.0	100.0	100.0
GE 100	87.9	91.0	93.6	95.4	97.5	98.4	98.7	99.1	99.1	99.5	99.7	99.8	99.8	100.0	100.0	100.0
GE 000	87.9	91.0	93.6	95.4	97.5	98.4	98.7	99.1	99.1	99.5	99.7	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
GE 20000	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.8
GE 18000	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 16000	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
GE 14000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 12000	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7	13.7
GE 10000	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 9000	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6	15.6
GE 8000	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 7000	19.2	19.2	19.2	1.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 6000	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 5000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 4500	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 4000	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 3500	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 3000	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0	35.0
GE 2500	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 2000	56.3	56.4	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 1800	60.7	60.8	60.9	60.9	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1500	73.1	73.5	74.7	75.1	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 1200	81.0	81.9	83.4	84.0	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 1000	85.6	86.6	88.5	89.2	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4	90.4	90.4
GE 900	88.0	89.3	91.6	92.6	93.4	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.8	93.8
GE 800	89.0	90.4	92.8	93.9	94.7	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.1	95.1	95.1	95.1
GE 700	89.7	91.3	93.8	94.9	95.6	95.9	96.0	96.0	96.0	96.1	96.1	96.1	96.2	96.2	96.2	96.2
GE 600	90.4	92.2	94.7	95.8	96.6	96.8	96.9	96.9	96.9	97.1	97.1	97.1	97.5	97.5	97.5	97.5
GE 500	90.7	92.6	95.1	96.3	97.3	97.6	97.7	97.8	97.8	97.9	98.0	98.5	98.5	98.6	98.7	98.7
GE 400	91.0	92.9	95.6	96.8	97.8	98.1	98.5	98.6	98.6	98.7	98.8	99.2	99.2	99.3	99.5	99.5
GE 300	91.1	93.0	95.8	97.2	98.1	98.5	98.8	98.9	98.9	99.1	99.3	99.8	99.8	99.9	100.0	100.0
GE 200	91.1	93.0	95.8	97.2	98.1	98.5	98.8	98.9	98.9	99.1	99.3	99.8	99.8	99.9	100.0	100.0
GE 100	91.1	93.0	95.8	97.2	98.1	98.5	98.8	98.9	98.9	99.1	99.3	99.8	99.8	99.9	100.0	100.0
GE 000	91.1	93.0	95.8	97.2	98.1	98.5	98.8	98.9	98.9	99.1	99.3	99.8	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 918

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 20000	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
GE 18000	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7
GE 16000	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 14000	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 12000	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 10000	14.8	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 9000	15.3	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 8000	17.1	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 7000	19.6	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 6000	20.2	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 5000	22.2	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 4500	23.0	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 4000	24.8	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 3500	29.2	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 3000	36.2	36.4	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5	36.5
GE 2500	46.8	47.2	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 2000	57.0	57.4	57.8	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 1800	60.9	61.3	62.0	62.3	62.5	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 1500	74.9	75.4	76.4	76.8	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1200	82.9	83.7	85.0	86.1	86.7	87.1	87.1	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 1000	85.7	87.0	88.7	89.8	90.8	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 900	88.0	89.3	91.4	92.5	93.6	94.0	94.0	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 800	89.3	90.9	92.9	94.2	95.3	95.9	96.1	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 700	90.0	91.5	93.8	95.2	96.4	97.0	97.3	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 600	90.2	91.7	94.0	95.4	96.6	97.2	97.5	97.5	97.5	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	90.9	92.4	94.8	96.3	97.5	98.2	98.5	98.6	98.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	90.9	92.5	95.2	96.8	98.2	98.8	99.1	99.2	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.7
GE 300	90.9	92.5	95.2	97.0	98.3	98.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 200	90.9	92.5	95.2	97.0	98.3	98.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	90.9	92.5	95.2	97.0	98.3	98.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	90.9	92.5	95.2	97.0	98.3	98.9	99.2	99.6	99.6	99.9	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 20000	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 18000	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 16000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 14000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 12000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 10000	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 9000	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 8000	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 7000	18.5	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 6000	20.0	20.3	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 5000	22.5	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4500	24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8
GE 4000	26.1	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 3500	30.3	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 3000	36.0	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 2500	46.4	46.7	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 2000	58.0	58.3	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1800	60.1	60.5	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 1500	74.5	75.0	75.8	76.0	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 1200	82.3	83.0	83.9	84.4	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 1000	85.3	86.1	87.5	88.3	88.9	88.9	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 900	87.2	88.0	89.8	90.6	91.3	91.3	91.8	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 800	88.0	88.9	90.7	91.6	92.3	92.3	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 700	88.8	89.9	92.2	93.2	94.1	94.1	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	89.5	90.6	93.0	94.2	95.0	95.0	95.8	95.8	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 500	90.7	91.9	94.5	95.8	97.1	97.2	98.2	98.2	98.2	98.6	98.8	98.9	98.9	98.9	98.9	98.9
GE 400	90.9	92.1	94.8	96.1	97.4	97.5	98.5	98.5	98.5	98.9	99.1	99.2	99.4	99.4	99.4	99.4
GE 300	91.5	92.7	95.4	96.7	98.1	98.2	99.1	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 200	91.5	92.7	95.4	96.7	98.1	98.2	99.1	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	91.5	92.7	95.4	96.7	98.1	98.2	99.1	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	91.5	92.7	95.4	96.7	98.1	98.2	99.1	99.1	99.1	99.6	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 20000	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
GE 18000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 16000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 14000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 12000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 10000	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 9000	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 8000	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 7000	21.7	21.8	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 6000	24.0	24.2	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 5000	25.5	25.9	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 4500	27.0	27.4	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 4000	29.1	29.4	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 3500	33.2	33.5	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
GE 3000	39.0	39.3	39.5	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7
GE 2500	50.0	50.4	50.6	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 2000	58.8	59.7	60.2	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 1800	61.7	62.6	63.1	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 1500	70.0	71.1	72.0	72.5	73.0	73.2	73.2	73.2	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 1200	77.4	78.6	80.2	80.7	81.6	81.8	81.8	81.8	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1000	80.6	81.9	83.6	84.4	85.3	85.6	85.6	85.6	85.6	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 900	82.9	84.2	86.1	86.9	87.9	88.3	88.3	88.3	88.3	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 800	83.5	84.8	86.9	87.6	88.8	89.1	89.2	89.2	89.2	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 700	85.1	86.5	88.8	89.7	90.8	91.2	91.4	91.5	91.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 600	85.7	87.1	89.4	90.3	91.5	91.8	92.0	92.2	92.2	92.6	92.6	92.6	92.6	92.6	92.6	92.6
GE 500	86.9	88.3	90.9	92.3	93.8	94.1	94.7	94.9	95.2	95.5	95.7	95.7	95.7	95.7	95.7	95.7
GE 400	87.4	88.8	91.5	92.9	94.8	95.2	95.8	96.1	96.3	96.9	97.1	97.1	97.1	97.1	97.6	97.6
GE 300	88.1	89.5	92.2	93.8	95.8	96.4	97.2	97.6	98.1	98.8	99.0	99.0	99.0	99.0	99.6	99.6
GE 200	88.1	89.5	92.2	93.8	95.8	96.4	97.4	97.8	98.3	99.1	99.4	99.4	99.5	99.5	100.0	100.0
GE 100	88.1	89.5	92.2	93.8	95.8	96.4	97.4	97.8	98.3	99.1	99.4	99.4	99.5	99.5	100.0	100.0
GE 000	88.1	89.5	92.2	93.8	95.8	96.4	97.4	97.8	98.3	99.1	99.4	99.4	99.5	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	1.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 20000	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 18000	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 16000	13.2	13.2	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3	13.3
GE 14000	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 12000	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 10000	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 9000	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 8000	16.6	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 7000	18.6	18.7	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 6000	20.4	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8
GE 5000	22.3	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8
GE 4500	24.1	24.3	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 4000	26.1	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6
GE 3500	30.3	30.6	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.9	30.9	30.9	30.9
GE 3000	36.2	36.6	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9
GE 2500	46.5	46.9	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6
GE 2000	56.7	57.3	58.0	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5	58.5	58.5	58.5
GE 1800	59.7	60.3	61.1	61.3	61.5	61.5	61.5	61.5	61.6	61.6	61.6	61.6	61.7	61.7	61.7	61.7
GE 1500	70.1	71.0	72.2	72.7	73.2	73.3	73.3	73.3	73.3	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 1200	76.6	77.7	79.4	80.2	80.9	81.1	81.1	81.2	81.2	81.2	81.3	81.3	81.3	81.3	81.3	81.3
GE 1000	80.1	81.6	83.6	84.6	85.6	85.7	85.8	85.9	85.9	85.9	86.0	86.0	86.0	86.0	86.1	86.1
GE 900	82.6	84.1	86.6	87.6	88.8	89.0	89.2	89.2	89.2	89.3	89.4	89.4	89.4	89.4	89.4	89.4
GE 800	83.6	85.1	87.6	88.8	90.1	90.4	90.5	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8
GE 700	84.9	86.5	89.4	90.6	92.0	92.3	92.5	92.6	92.6	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 600	85.5	87.2	90.2	91.6	93.1	93.4	93.6	93.7	93.7	94.0	94.0	94.1	94.2	94.2	94.2	94.2
GE 500	86.5	88.3	91.7	93.3	95.1	95.4	95.8	96.0	96.1	96.4	96.5	96.6	96.7	96.8	96.8	96.8
GE 400	86.9	88.8	92.4	94.1	96.0	96.4	96.9	97.2	97.3	97.7	97.8	97.9	98.0	98.1	98.2	98.2
GE 300	87.2	89.1	92.8	94.5	96.8	97.2	97.8	98.2	98.3	98.9	99.1	99.2	99.3	99.4	99.5	99.5
GE 200	87.3	89.1	92.8	94.5	96.9	97.4	98.0	98.4	98.6	99.2	99.4	99.5	99.7	99.8	99.9	99.9
GE 100	87.3	89.1	92.8	94.6	97.0	97.4	98.1	98.4	98.6	99.2	99.4	99.5	99.8	99.9	100.0	100.0
GE 000	87.3	89.1	92.8	94.6	97.0	97.4	98.1	98.4	98.6	99.2	99.4	99.5	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7383

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	12.5	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.7	12.7	12.7	12.8	13.0	13.0
GE 20000	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.9	13.9	13.9	14.0	14.3	14.3
GE 18000	14.1	14.1	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.5	14.7	14.7
GE 16000	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.5	14.5	14.5	14.6	14.8	14.8
GE 14000	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.6	14.6	14.7	14.9	14.9
GE 12000	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7	14.7	14.8	15.0	15.0
GE 10000	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	15.0	15.3	15.3
GE 9000	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.7	15.9	15.9
GE 8000	16.5	16.5	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.7	16.7	16.7	16.8	17.0	17.0
GE 7000	17.6	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.9	17.9	18.0	18.3	18.3
GE 6000	19.6	19.7	19.8	19.9	19.9	19.9	19.9	19.9	19.9	19.9	20.0	20.0	20.0	20.2	20.4	20.4
GE 5000	21.0	21.2	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.5	21.5	21.5	21.6	21.8	21.8
GE 4500	22.9	23.1	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.5	23.5	23.6	23.8	23.8
GE 4000	25.1	25.2	25.6	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.8	25.8	25.8	25.9	26.2	26.2
GE 3500	29.7	29.8	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.6	30.8	30.8
GE 3000	36.7	36.9	37.3	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.6	37.6	37.6	37.8	38.0	38.0
GE 2500	45.8	45.9	46.4	46.5	46.7	46.7	46.7	46.7	46.7	46.7	46.8	46.8	46.8	46.9	47.1	47.1
GE 2000	54.7	55.1	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.5	56.5	56.5	56.6	56.8	56.8
GE 1800	56.2	56.7	57.3	57.7	58.0	58.0	58.0	58.0	58.0	58.0	58.1	58.1	58.1	58.2	58.5	58.5
GE 1500	63.5	64.6	65.3	65.8	66.3	66.3	66.3	66.3	66.3	66.3	66.4	66.4	66.4	66.5	66.7	66.7
GE 1200	69.0	70.3	71.4	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.7	72.7	72.7	72.8	73.1	73.1
GE 1000	71.0	72.4	73.9	74.8	75.4	75.4	75.4	75.4	75.4	75.4	75.5	75.5	75.5	75.6	75.8	75.8
GE 900	73.4	74.7	76.6	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.4	78.4	78.4	78.5	78.7	78.7
GE 800	74.8	76.3	78.3	79.5	80.4	80.4	80.7	80.7	80.7	80.7	80.8	80.8	80.8	81.0	81.2	81.2
GE 700	76.2	78.1	80.3	81.5	82.6	82.6	83.0	83.0	83.0	83.0	83.1	83.1	83.1	83.2	83.4	83.4
GE 600	77.7	79.7	82.3	83.7	84.9	84.9	85.3	85.3	85.3	85.3	85.4	85.4	85.4	85.5	85.7	85.7
GE 500	78.4	81.2	84.2	87.0	89.3	89.4	90.1	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.5	90.5
GE 400	79.3	82.1	86.0	89.1	91.8	91.9	93.0	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.5	93.5
GE 300	80.0	83.3	87.3	90.5	94.3	94.4	96.2	96.5	96.5	96.9	97.0	97.0	97.0	97.1	97.3	97.3
GE 200	80.0	83.3	87.3	90.5	94.3	94.4	96.5	97.3	97.4	98.0	98.2	98.3	98.3	98.6	98.9	98.9
GE 100	80.0	83.3	87.4	90.6	94.5	94.7	96.8	97.6	97.7	98.2	98.4	98.6	98.7	99.1	100.0	100.0
GE 000	80.0	83.3	87.4	90.6	94.5	94.7	96.8	97.6	97.7	98.2	98.4	98.6	98.7	99.1	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONTH: JUN HOURS: 07 J5

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.2	11.4	11.5	11.5
GE 20000	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.5	11.7	11.9	12.1	12.1
GE 18000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.3	12.5	12.6	12.6
GE 16000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.3	12.5	12.6	12.6
GE 14000	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.4	12.6	12.7	12.7
GE 12000	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.6	12.8	12.9	12.9
GE 10000	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	14.1	14.3	14.4	14.4
GE 9000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.2	14.4	14.5	14.5
GE 8000	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.3	15.5	15.6	15.6
GE 7000	15.7	15.7	15.7	15.8	15.8	15.8	16.0	16.0	16.0	16.0	16.0	16.0	16.2	16.4	16.5	16.5
GE 6000	17.0	17.0	17.0	17.1	17.1	17.1	17.2	17.2	17.2	17.2	17.2	17.2	17.4	17.6	17.7	17.7
GE 5000	18.5	18.5	18.5	18.6	18.6	18.6	18.8	18.8	18.8	18.8	18.8	18.8	19.0	19.2	19.3	19.3
GE 4500	21.4	21.4	21.4	21.5	21.5	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.9	22.1	22.2	22.2
GE 4000	23.7	23.7	23.7	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.4	24.6	24.6
GE 3500	27.6	27.8	27.8	28.0	28.1	28.1	28.2	28.2	28.2	28.2	28.2	28.2	28.5	28.7	28.8	28.8
GE 3000	33.4	33.7	33.7	34.2	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.6	34.8	34.9	34.9
GE 2500	42.7	43.3	43.5	44.0	44.1	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.4	44.6	44.8	44.8
GE 2000	50.3	51.0	51.6	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.6	52.8	52.9	52.9
GE 1800	52.5	53.2	53.9	54.4	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.9	55.1	55.2	55.2
GE 1500	60.9	62.1	63.1	63.6	64.0	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.3	64.5	64.6	64.6
GE 1200	65.0	66.2	67.5	68.1	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	69.0	69.2	69.3	69.3
GE 1000	67.0	68.3	70.1	70.6	71.3	71.3	71.4	71.4	71.4	71.4	71.4	71.4	71.7	71.9	72.0	72.0
GE 900	69.9	71.4	73.5	74.6	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.8	76.0	76.1
GE 800	70.9	72.5	74.8	75.9	77.0	77.0	77.5	77.5	77.5	77.5	77.5	77.6	77.6	77.8	78.0	78.1
GE 700	73.2	75.2	77.7	78.9	80.4	80.4	80.8	80.8	80.8	80.8	80.8	80.9	80.9	81.1	81.4	81.5
GE 600	75.2	77.3	80.5	81.8	83.3	83.4	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.4	84.6	84.7
GE 500	76.3	78.6	82.6	84.8	87.7	87.8	88.6	88.6	88.6	88.6	88.6	88.7	88.7	89.0	89.2	89.3
GE 400	77.7	80.2	84.9	87.2	90.3	90.5	91.7	91.7	91.7	91.7	91.9	92.0	92.0	92.2	92.4	92.5
GE 300	78.1	81.0	85.7	88.3	92.1	92.4	94.8	95.1	95.2	95.5	95.6	95.6	95.9	96.1	96.2	96.2
GE 200	78.1	81.0	85.8	88.5	92.4	92.9	95.3	96.2	96.3	96.8	97.2	97.2	97.5	97.8	98.2	98.4
GE 100	78.2	81.1	85.9	88.6	92.5	93.0	95.5	96.4	96.5	97.0	97.4	97.4	98.0	98.5	99.6	100.0
GE 000	78.2	81.1	85.9	88.6	92.5	93.0	95.5	96.4	96.5	97.0	97.4	97.4	98.0	98.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	6.8	6.9	6.9	6.9	7.1	7.1	7.1	7.3	7.3	7.4	7.4	7.4	7.5	7.6	7.7	7.9
GE 20000	8.0	8.1	8.1	8.1	8.4	8.4	8.4	8.5	8.5	8.6	8.6	8.6	8.7	8.8	8.9	9.2
GE 18000	8.5	8.7	8.7	8.7	8.9	8.9	8.9	9.0	9.0	9.2	9.2	9.2	9.3	9.4	9.5	9.7
GE 16000	8.5	8.7	8.7	8.7	8.9	8.9	8.9	9.0	9.0	9.2	9.2	9.2	9.3	9.4	9.5	9.7
GE 14000	8.8	9.0	9.0	9.0	9.3	9.3	9.3	9.4	9.4	9.5	9.5	9.5	9.6	9.7	9.8	10.0
GE 12000	9.0	9.3	9.3	9.3	9.5	9.5	9.5	9.6	9.6	9.7	9.7	9.7	9.8	9.9	10.0	10.3
GE 10000	9.9	10.2	10.2	10.2	10.5	10.5	10.5	10.6	10.6	10.7	10.7	10.7	10.8	10.9	11.0	11.3
GE 9000	10.4	10.6	10.6	10.6	10.9	10.9	10.9	11.0	11.0	11.2	11.2	11.2	11.3	11.4	11.5	11.7
GE 8000	11.3	11.5	11.5	11.5	11.8	11.8	11.8	11.9	11.9	12.1	12.1	12.1	12.2	12.3	12.4	12.6
GE 7000	12.2	12.4	12.4	12.4	12.7	12.7	12.7	12.8	12.8	12.9	12.9	12.9	13.1	13.2	13.3	13.5
GE 6000	13.4	13.6	13.6	13.6	14.0	14.0	14.0	14.1	14.1	14.2	14.2	14.2	14.3	14.4	14.5	14.7
GE 5000	14.6	14.8	14.8	14.8	15.2	15.2	15.2	15.3	15.3	15.4	15.4	15.4	15.5	15.6	15.7	16.0
GE 4500	15.6	16.0	16.0	16.0	16.3	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.6	16.7	16.9	17.1
GE 4000	18.4	18.8	18.8	18.8	19.1	19.1	19.1	19.2	19.2	19.3	19.3	19.3	19.4	19.5	19.6	19.9
GE 3500	21.4	21.8	21.8	21.9	22.2	22.2	22.2	22.3	22.3	22.4	22.4	22.4	22.5	22.7	22.8	23.0
GE 3000	26.2	26.8	26.8	27.0	27.3	27.3	27.3	27.5	27.5	27.6	27.6	27.6	27.7	27.8	27.9	28.1
GE 2500	35.7	36.5	36.8	37.3	37.6	37.6	37.6	37.7	37.7	37.8	37.8	37.8	37.9	38.1	38.2	38.4
GE 2000	45.9	46.8	47.4	47.9	48.2	48.3	48.3	48.4	48.5	48.7	48.7	48.7	48.8	48.9	49.0	49.2
GE 1800	48.7	49.7	50.3	50.8	51.2	51.3	51.3	51.5	51.6	51.7	51.7	51.7	51.8	51.9	52.0	52.2
GE 1500	56.3	57.6	58.4	58.8	59.3	59.4	59.4	59.5	59.6	59.7	59.7	59.7	59.8	59.9	60.0	60.3
GE 1200	61.5	63.2	64.3	64.7	65.2	65.3	65.3	65.4	65.5	65.6	65.6	65.6	65.7	65.8	66.0	66.2
GE 1000	62.9	64.7	66.0	66.7	67.2	67.4	67.4	67.5	67.6	67.7	67.7	67.7	67.9	68.0	68.1	68.3
GE 900	65.8	67.7	69.3	70.6	71.1	71.3	71.3	71.4	71.5	71.7	71.7	71.7	71.8	71.9	72.0	72.2
GE 800	67.9	70.1	71.7	73.2	73.9	74.2	74.2	74.3	74.4	74.6	74.6	74.6	74.7	74.8	74.9	75.1
GE 700	70.5	73.1	74.1	77.0	77.9	78.2	78.2	78.3	78.5	78.6	78.6	78.6	78.8	78.9	79.0	79.2
GE 600	73.2	76.5	78.7	80.9	81.9	82.5	83.1	83.4	83.5	83.7	83.7	83.7	83.9	84.0	84.2	84.4
GE 500	75.2	78.6	81.5	84.4	85.6	86.5	87.3	87.6	87.7	87.9	88.1	88.1	88.3	88.4	88.5	88.7
GE 400	76.5	80.4	84.0	87.2	88.6	89.7	91.0	91.5	91.6	92.0	92.1	92.1	92.3	92.4	92.5	92.7
GE 300	76.7	80.7	85.2	88.6	90.5	92.1	93.5	94.5	94.8	95.6	95.9	95.9	96.1	96.3	96.4	96.8
GE 200	76.9	81.1	85.6	89.1	91.1	92.7	94.2	95.3	95.5	96.7	97.2	97.2	97.8	98.0	98.3	98.9
GE 100	76.9	81.1	85.6	89.2	91.2	92.9	94.4	95.5	95.8	97.0	97.5	97.5	98.1	98.7	99.4	100.0
GE 000	76.9	81.1	85.6	89.2	91.2	92.9	94.4	95.5	95.8	97.0	97.5	97.5	98.1	98.7	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 20000	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 18000	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 16000	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 14000	9.9	9.9	9.9	9.9	9.9	9.9	9.9	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 12000	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.4
GE 10000	10.4	10.4	10.4	10.4	10.4	10.4	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 9000	10.8	10.8	10.8	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9
GE 8000	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 7000	13.6	13.6	13.7	13.9	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 6000	15.5	15.5	15.6	15.8	15.9	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 5000	16.6	16.6	16.8	16.9	17.0	17.0	17.0	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1
GE 4500	17.3	17.3	17.4	17.5	17.7	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 4000	20.1	20.4	20.6	20.7	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 3500	24.2	24.6	24.7	24.8	24.9	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0
GE 3000	29.3	29.6	29.7	29.8	30.1	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
GE 2500	36.9	37.3	37.4	37.5	37.9	37.9	37.9	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.1
GE 2000	46.4	47.2	47.4	47.6	47.9	47.9	47.9	48.0	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 1800	48.7	49.5	49.8	50.1	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 1500	57.4	58.4	59.2	59.7	60.0	60.0	60.0	60.1	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
GE 1200	65.3	66.5	67.6	68.6	68.9	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 1000	68.5	69.9	71.1	72.2	72.6	72.6	72.6	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 900	70.4	72.1	73.2	74.5	75.1	75.2	75.3	75.5	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 800	72.8	74.5	75.8	77.3	78.0	78.1	78.2	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 700	75.2	77.5	78.8	80.4	81.6	81.8	81.9	82.3	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 600	78.4	81.0	82.5	84.4	85.7	86.1	86.3	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 500	80.6	83.5	85.4	87.6	89.4	90.2	90.7	91.7	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 400	82.2	85.7	88.0	90.5	92.5	93.7	94.3	95.3	95.6	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 300	82.7	86.1	89.1	92.1	94.9	96.1	97.1	98.3	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 200	82.7	86.1	89.2	92.2	95.0	96.2	97.4	98.8	99.1	99.8	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	82.7	86.1	89.2	92.2	95.0	96.2	97.4	98.8	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	82.7	86.1	89.2	92.2	95.0	96.2	97.4	98.8	99.1	99.8	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0
GE 20000	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6	9.6
GE 18000	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 16000	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 14000	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 12000	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7
GE 10000	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 9000	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 8000	13.0	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 7000	14.4	14.4	14.4	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 6000	15.1	15.1	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 5000	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 4500	17.2	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 4000	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 3500	25.8	25.8	25.8	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 3000	32.1	32.1	32.2	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 2500	40.8	40.9	41.1	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 2000	51.3	51.5	51.8	52.0	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1	52.1
GE 1800	53.1	53.4	53.7	53.9	54.0	54.0	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1
GE 1500	65.4	66.0	66.3	66.9	67.0	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.1	67.1
GE 1200	71.8	72.8	73.2	74.0	74.1	74.1	74.4	74.4	74.4	7.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 1000	76.0	77.1	77.5	78.4	78.5	78.5	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 900	77.7	78.8	79.3	80.5	80.8	80.8	81.0	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 800	79.4	80.7	81.4	82.5	82.8	82.8	83.1	83.1	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 700	81.9	83.6	84.5	85.9	86.2	86.4	86.7	86.7	86.7	86.8	86.8	86.8	86.8	86.8	86.8	86.8
GE 600	83.5	85.5	87.0	88.5	89.2	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 500	85.9	89.0	91.0	93.3	94.6	95.7	96.4	96.5	96.5	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 400	86.6	89.7	92.0	94.6	96.0	97.3	98.2	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	86.7	89.9	92.3	94.9	96.6	98.0	98.9	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	86.7	89.9	92.3	94.9	96.6	98.0	98.9	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	86.7	89.9	92.3	94.9	96.6	98.0	98.9	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	86.7	89.9	92.3	94.9	96.6	98.0	98.9	99.2	99.2	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 885

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.0
GE 20000	11.7	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
GE 18000	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 16000	12.5	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 14000	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 12000	13.8	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
GE 10000	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 9000	15.7	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8	15.8
GE 8000	17.6	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 7000	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 6000	20.7	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 5000	21.5	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 4500	22.8	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 4000	25.1	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 3500	29.6	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 3000	36.2	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 2500	45.1	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 2000	58.0	58.9	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0	59.0
GE 1800	60.4	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 1500	67.9	69.6	69.8	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 1200	74.4	76.1	76.4	76.7	77.1	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 1000	79.4	81.1	81.5	81.9	82.2	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
GE 900	82.1	84.2	84.7	85.4	85.7	85.8	86.1	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 800	83.5	85.7	86.3	87.1	87.4	87.5	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 700	85.4	87.6	88.5	89.4	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	86.6	89.8	90.9	92.0	92.6	92.8	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 500	88.3	91.8	93.6	95.2	96.4	97.2	97.8	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	88.4	92.0	94.2	95.8	97.3	98.1	98.7	99.1	99.1	99.7	99.7	99.7	99.7	99.7	99.8	99.8
GE 300	88.5	92.1	94.3	96.0	97.4	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 200	88.5	92.1	94.3	96.0	97.4	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	88.5	92.1	94.3	96.0	97.4	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	88.5	92.1	94.3	96.0	97.4	98.3	98.9	99.3	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 890

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0	11.0
GE 20000	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4	13.4
GE 18000	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 16000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 14000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 12000	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 10000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 9000	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 8000	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 7000	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4	19.4
GE 6000	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 5000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 4500	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 4000	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3	28.3
GE 3500	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 3000	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 2500	48.8	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 2000	58.6	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 1800	61.1	61.1	61.3	61.4	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 1500	70.5	70.8	71.4	71.8	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 1200	75.7	76.3	76.8	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1000	79.6	80.3	80.9	81.5	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 900	81.8	82.8	83.3	84.1	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 800	83.2	84.3	85.0	85.8	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 700	84.8	86.1	87.1	88.6	89.3	89.4	89.5	89.5	89.5	89.6	89.6	89.6	89.6	89.6	89.6	89.6
GE 600	86.5	88.3	89.5	91.2	92.3	92.5	92.7	92.7	93.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 500	88.5	90.3	91.6	93.7	95.4	96.0	96.9	96.9	97.1	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 400	88.6	90.7	92.8	95.4	97.1	97.7	98.5	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	88.8	90.9	93.2	95.7	97.4	98.0	99.2	99.2	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	88.8	90.9	93.2	95.7	97.4	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	88.8	90.9	93.2	95.7	97.4	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0
GE 000	88.8	90.9	93.2	95.7	97.4	98.1	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	11.6	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.7	11.8	11.8
GE 20000	13.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.6	13.6
GE 18000	14.4	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.7	14.7
GE 16000	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.8	14.8
GE 14000	15.1	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.4	15.4
GE 12000	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.9	15.9
GE 10000	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.5	16.5
GE 9000	17.2	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.5	17.5
GE 8000	18.4	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.8	18.8
GE 7000	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.1	20.1
GE 6000	21.8	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3
GE 5000	22.8	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3
GE 4500	25.2	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.8	25.8
GE 4000	28.1	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.7	28.7
GE 3500	31.5	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	32.1	32.1
GE 3000	36.1	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.7	36.7
GE 2500	46.0	46.5	46.6	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9
GE 2000	55.7	56.4	56.7	57.3	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.7	57.7
GE 1800	56.9	57.6	57.9	58.5	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.9	58.9
GE 1500	64.2	65.1	65.7	66.3	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7
GE 1200	69.5	70.5	71.1	71.7	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.4	72.4
GE 1000	73.1	74.1	74.7	75.3	75.9	75.9	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.2	76.2
GE 900	75.4	76.5	77.1	77.7	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.6	78.6
GE 800	76.7	78.2	79.0	80.0	80.8	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.1	81.1
GE 700	78.7	80.4	81.3	82.9	84.0	84.0	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.5	84.5
GE 600	80.5	82.3	83.6	85.5	86.8	86.8	87.4	87.4	87.4	87.5	87.5	87.5	87.5	87.5	87.6	87.6
GE 500	81.9	84.1	85.9	89.4	92.4	92.7	93.6	93.9	93.9	94.2	94.2	94.2	94.2	94.2	94.3	94.3
GE 400	82.9	85.3	87.1	90.7	93.6	94.0	95.7	96.2	96.2	96.4	96.4	96.4	96.4	96.4	96.5	96.5
GE 300	83.1	85.5	87.5	91.2	94.5	94.9	97.1	97.6	97.6	98.0	98.2	98.2	98.2	98.2	98.3	98.3
GE 200	83.1	85.6	87.7	91.7	95.2	95.7	98.0	98.8	98.9	99.3	99.7	99.7	99.7	99.7	99.8	99.8
GE 100	83.1	85.6	87.7	91.7	95.2	95.7	98.0	98.8	98.9	99.4	99.8	99.8	99.8	99.8	100.0	100.0
GE 000	83.1	85.6	87.7	91.7	95.2	95.7	98.0	98.8	98.9	99.4	99.8	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 889

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.9	9.9	9.9	9.9	10.0	10.0	10.1
GE 20000	11.2	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.4	11.4	11.4	11.4	11.5	11.5	11.6
GE 18000	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2	12.3	12.3
GE 16000	12.0	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.3	12.4	12.4
GE 14000	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.6	12.6	12.7	12.7
GE 12000	12.7	12.8	12.8	12.8	12.8	12.8	12.8	12.9	12.9	12.9	12.9	12.9	12.9	13.0	13.1	13.1
GE 10000	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7	13.8	13.8	13.9
GE 9000	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.4	14.4
GE 8000	15.3	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.6	15.6	15.6	15.7	15.7	15.7
GE 7000	16.5	16.5	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.9	16.9	17.0
GE 6000	18.0	18.1	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.5	18.5
GE 5000	19.2	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.7	19.7	19.8
GE 4500	21.0	21.1	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.5	21.5
GE 4000	23.6	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.2	24.2
GE 3500	27.6	27.9	27.9	28.0	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.2	28.3	28.3	28.4
GE 3000	33.4	33.7	33.8	33.9	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.1	34.1	34.2	34.3	34.3
GE 2500	42.7	43.1	43.3	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8	43.9	43.9
GE 2000	52.6	53.2	53.5	53.8	54.0	54.1	54.1	54.1	54.1	54.1	54.2	54.2	54.2	54.2	54.3	54.3
GE 1800	54.7	55.4	55.8	56.1	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.5	56.5	56.6	56.6
GE 1500	63.3	64.3	64.9	65.3	65.7	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.9	66.0	66.0
GE 1200	69.0	70.2	71.0	71.7	72.1	72.1	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.4	72.4	72.5
GE 1000	72.2	73.5	74.4	75.2	75.6	75.7	75.8	75.8	75.8	75.9	75.9	75.9	75.9	76.0	76.0	76.1
GE 900	74.5	76.0	77.1	78.1	78.6	78.7	78.8	78.8	78.9	78.9	78.9	78.9	79.0	79.0	79.1	79.1
GE 800	76.1	77.8	79.0	80.1	80.8	80.9	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.3	81.4	81.4
GE 700	78.2	80.2	81.7	83.1	84.0	84.1	84.3	84.4	84.4	84.5	84.5	84.5	84.6	84.6	84.7	84.7
GE 600	80.2	82.5	84.3	86.0	87.1	87.4	87.8	87.9	88.0	88.1	88.1	88.1	88.1	88.2	88.3	88.3
GE 500	81.9	84.6	87.0	89.4	91.3	91.9	92.7	92.9	93.0	93.2	93.2	93.2	93.3	93.3	93.4	93.4
GE 400	82.8	85.7	88.6	91.3	93.4	94.1	95.1	95.5	95.6	95.8	95.9	95.9	95.9	96.0	96.1	96.1
GE 300	83.1	86.2	89.3	92.2	94.7	95.5	96.9	97.5	97.6	98.1	98.2	98.2	98.2	98.3	98.4	98.4
GE 200	83.1	86.3	89.4	92.3	94.9	95.8	97.3	98.0	98.2	98.7	99.0	99.0	99.1	99.2	99.4	99.5
GE 100	83.1	86.3	89.4	92.4	95.0	95.8	97.4	98.1	98.3	98.9	99.1	99.1	99.3	99.5	99.9	100.0
GE 000	83.1	86.3	89.4	92.4	95.0	95.8	97.4	98.1	98.3	98.9	99.1	99.1	99.3	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7143

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING		VISIBILITY IN STATUTE MILES															
IN FEET		GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL		6.3	6.4	6.5	6.5	6.7	6.7	6.8	6.9	6.9	6.9	6.9	6.9	6.9	6.9	7.2	7.6
GE 20000		7.2	7.3	7.5	7.5	7.7	7.7	7.8	8.0	8.0	8.0	8.1	8.1	8.3	8.4	8.9	9.2
GE 18000		7.6	7.7	7.8	7.8	8.0	8.0	8.1	8.3	8.3	8.3	8.4	8.4	8.6	8.7	9.2	9.5
GE 16000		7.6	7.7	7.8	7.8	8.0	8.0	8.1	8.3	8.3	8.3	8.4	8.4	8.6	8.7	9.2	9.5
GE 14000		7.6	7.7	7.8	7.8	8.0	8.0	8.1	8.3	8.3	8.3	8.4	8.4	8.6	8.7	9.2	9.5
GE 12000		7.6	7.7	7.8	7.8	8.0	8.0	8.1	8.3	8.3	8.3	8.4	8.4	8.6	8.7	9.2	9.5
GE 10000		8.2	8.3	8.4	8.4	8.6	8.6	8.7	9.0	9.0	9.0	9.1	9.1	9.3	9.4	9.8	10.2
GE 9000		8.4	8.5	8.6	8.6	8.9	8.9	9.0	9.2	9.2	9.2	9.3	9.3	9.5	9.6	10.0	10.4
GE 8000		10.0	10.2	10.4	10.4	10.6	10.6	10.7	10.9	10.9	10.9	11.0	11.0	11.2	11.3	11.8	12.1
GE 7000		12.2	12.4	12.6	12.6	12.9	12.9	13.0	13.2	13.2	13.2	13.4	13.4	13.6	13.7	14.1	14.5
GE 6000		13.2	13.5	13.8	13.8	14.0	14.0	14.1	14.4	14.4	14.4	14.6	14.6	14.8	14.9	15.3	15.7
GE 5000		13.9	14.3	14.6	14.6	14.8	14.8	15.0	15.2	15.2	15.2	15.4	15.4	15.7	15.8	16.2	16.5
GE 4500		14.5	14.8	15.2	15.2	15.4	15.4	15.7	15.9	15.9	15.9	16.1	16.1	16.3	16.4	16.8	17.2
GE 4000		15.9	16.2	16.6	16.6	16.8	16.8	17.1	17.3	17.3	17.3	17.5	17.5	17.7	17.8	18.3	18.6
GE 3500		18.7	19.0	19.4	19.5	19.8	19.9	20.0	20.2	20.2	20.2	20.4	20.4	20.6	20.7	21.2	21.5
GE 3000		21.2	21.6	22.1	22.4	22.6	22.8	23.0	23.0	23.0	23.0	23.2	23.2	23.4	23.5	24.0	24.3
GE 2500		26.6	27.2	28.0	28.4	28.6	28.8	29.0	29.0	29.0	29.0	29.3	29.3	29.5	29.6	30.0	30.3
GE 2000		34.9	35.5	36.7	37.1	37.5	37.5	37.7	37.9	37.9	37.9	38.1	38.1	38.3	38.4	38.9	39.2
GE 1800		36.7	37.4	38.6	39.0	39.3	39.3	39.5	39.7	39.7	39.7	40.0	40.0	40.2	40.3	40.7	41.0
GE 1500		42.1	42.9	44.3	44.9	45.2	45.6	45.9	46.1	46.1	46.1	46.3	46.3	46.5	46.7	47.1	47.4
GE 1200		47.4	48.3	49.9	50.8	51.2	51.5	51.8	52.1	52.1	52.1	52.3	52.3	52.5	52.6	53.0	53.3
GE 1000		49.6	50.8	51.6	53.6	54.1	54.4	54.8	55.0	55.0	55.0	55.2	55.2	55.4	55.5	55.9	56.3
GE 900		51.7	52.9	54.9	56.0	56.9	57.2	57.6	57.8	57.8	57.8	58.0	58.0	58.2	58.3	58.7	59.1
GE 800		53.3	54.5	57.1	58.6	60.2	60.5	60.9	61.1	61.1	61.1	61.3	61.3	61.6	61.7	62.1	62.4
GE 700		55.7	56.7	59.9	61.7	63.5	63.9	64.5	64.8	64.8	64.8	65.0	65.0	65.2	65.3	65.8	66.1
GE 600		58.7	60.4	63.7	66.2	68.5	69.0	69.5	70.0	70.0	70.0	70.2	70.2	70.4	70.5	71.0	71.3
GE 500		61.1	63.4	67.5	70.7	74.9	76.5	77.8	78.5	78.5	78.5	78.7	78.7	78.9	79.0	79.5	79.8
GE 400		63.1	65.3	70.5	74.4	80.5	82.8	85.3	86.2	86.5	86.5	86.7	86.7	86.9	87.0	87.5	87.8
GE 300		63.4	65.8	71.8	76.0	82.8	85.7	88.7	90.3	90.7	90.7	91.0	91.0	91.5	91.8	92.4	92.9
GE 200		63.7	66.1	72.1	76.6	84.0	86.9	90.5	92.8	93.2	93.7	94.4	94.5	94.9	95.4	96.2	96.9
GE 100		63.7	66.1	72.1	76.6	84.1	87.0	90.9	93.6	94.1	94.6	95.2	95.4	95.9	97.2	98.9	99.8
GE 000		63.7	66.1	72.1	76.6	84.1	87.0	90.9	93.6	94.1	94.6	95.2	95.4	95.9	97.2	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	5.0	5.4	5.4	5.5	5.6	5.6	5.6	5.6	5.6	5.6	5.8	5.8	5.8	6.1	6.2	6.2
GE 20000	5.7	6.2	6.2	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.6	6.6	6.6	6.8	6.9	6.9
GE 18000	5.9	6.4	6.4	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.8	6.8	6.8	7.0	7.1	7.1
GE 16000	6.1	6.5	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.9	6.9	6.9	7.1	7.2	7.2
GE 14000	6.1	6.5	6.5	6.6	6.7	6.7	6.7	6.7	6.7	6.7	6.9	6.9	6.9	7.1	7.2	7.2
GE 12000	6.5	6.9	6.9	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.4	7.4	7.4	7.6	7.7	7.7
GE 10000	7.1	7.6	7.6	7.7	7.8	7.8	7.8	7.8	7.8	7.8	8.0	8.0	8.0	8.2	8.3	8.3
GE 9000	7.4	7.8	7.8	7.9	8.0	8.0	8.0	8.0	8.0	8.0	8.2	8.2	8.2	8.4	8.5	8.5
GE 8000	8.2	8.6	8.6	8.8	8.9	8.9	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.3	9.4	9.4
GE 7000	9.5	10.1	10.1	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.5	10.5	10.5	10.7	10.8	10.8
GE 6000	10.1	10.8	10.9	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.4	11.4	11.4	11.6	11.7	11.7
GE 5000	10.8	11.6	11.8	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.2	12.2	12.2	12.4	12.5	12.5
GE 4500	11.8	12.9	13.1	13.3	13.4	13.4	13.4	13.4	13.4	13.4	13.6	13.6	13.6	13.8	13.9	13.9
GE 4000	12.9	14.1	14.3	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.8	14.8	14.8	15.0	15.1	15.1
GE 3500	15.7	17.1	17.3	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.8	17.8	17.8	18.1	18.2	18.2
GE 3000	17.8	19.2	19.5	19.7	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.0	20.2	20.3	20.3
GE 2500	24.0	25.5	25.9	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.5	26.5	26.6	26.8	26.9	26.9
GE 2000	31.2	32.9	33.4	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.9	33.9	34.1	34.3	34.4	34.4
GE 1800	32.9	34.5	35.0	35.2	35.4	35.4	35.4	35.4	35.4	35.4	35.6	35.6	35.7	35.9	36.0	36.0
GE 1500	39.1	41.0	41.8	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.5	42.5	42.6	42.8	42.9	42.9
GE 1200	43.6	45.6	47.0	47.4	47.8	47.8	47.8	47.8	47.8	47.8	48.0	48.0	48.1	48.3	48.4	48.4
GE 1000	45.5	47.8	49.3	49.8	50.7	50.7	50.7	50.7	50.7	50.7	50.9	50.9	51.0	51.2	51.4	51.4
GE 900	47.6	49.9	51.7	52.3	53.3	53.3	53.3	53.3	53.3	53.3	53.5	53.5	53.6	53.8	53.9	53.9
GE 800	49.0	51.5	53.5	54.5	55.8	55.8	55.8	55.8	55.8	55.8	56.0	56.0	56.1	56.3	56.4	56.4
GE 700	51.8	54.6	57.4	58.4	60.1	60.2	60.2	60.2	60.2	60.2	60.4	60.4	60.5	60.8	60.9	60.9
GE 600	55.6	58.6	61.8	63.8	66.2	66.6	66.8	66.8	66.8	66.8	67.0	67.0	67.1	67.4	67.5	67.5
GE 500	59.4	62.9	68.0	71.0	75.1	76.3	77.2	77.4	77.4	77.4	77.6	77.6	77.7	77.9	78.1	78.1
GE 400	61.8	65.5	71.5	75.1	80.8	82.7	84.2	84.5	84.8	84.9	85.1	85.1	85.2	85.4	85.5	85.5
GE 300	62.6	66.5	74.1	78.2	84.6	86.8	88.8	89.7	90.1	90.3	90.5	90.5	90.8	91.0	91.1	91.5
GE 200	62.6	66.6	74.3	78.5	85.5	87.9	90.8	92.3	92.6	93.1	93.4	93.4	94.8	95.1	95.4	96.0
GE 100	62.6	66.6	74.3	78.5	85.5	88.0	91.0	92.9	93.2	93.7	94.3	94.3	95.8	97.0	97.6	99.2
GE 000	62.6	66.6	74.3	78.5	85.5	88.0	91.0	92.9	93.2	93.7	94.3	94.3	96.1	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	4.0	4.0	4.0	4.0	4.0	4.0	4.1	4.3	4.3	4.5	4.5	4.6	4.6	4.6	4.8	5.0
GE 20000	4.9	4.9	4.9	4.9	4.9	4.9	5.0	5.2	5.2	5.4	5.4	5.5	5.6	5.6	5.7	6.0
GE 18000	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.3	5.3	5.5	5.5	5.6	5.7	5.7	5.8	6.2
GE 16000	5.0	5.0	5.0	5.0	5.0	5.0	5.1	5.3	5.3	5.5	5.5	5.6	5.7	5.7	5.8	6.2
GE 14000	5.1	5.1	5.1	5.1	5.1	5.1	5.2	5.4	5.4	5.6	5.6	5.7	5.8	5.8	5.9	6.3
GE 12000	5.6	5.6	5.6	5.6	5.6	5.6	5.7	5.9	5.9	6.2	6.2	6.3	6.4	6.4	6.5	6.9
GE 10000	6.2	6.2	6.2	6.2	6.2	6.2	6.3	6.5	6.5	6.7	6.7	6.8	6.9	6.9	7.0	7.5
GE 9000	6.8	6.8	6.8	6.8	6.8	6.8	6.9	7.1	7.1	7.3	7.3	7.5	7.6	7.6	7.7	8.1
GE 8000	7.8	7.8	7.8	7.8	7.8	7.8	7.9	8.1	8.1	8.3	8.3	8.4	8.5	8.5	8.6	9.1
GE 7000	8.6	8.6	8.7	8.9	8.9	8.9	9.0	9.2	9.2	9.4	9.4	9.5	9.6	9.6	9.7	10.2
GE 6000	9.3	9.3	9.4	9.5	9.5	9.5	9.6	9.8	9.8	10.0	10.0	10.2	10.3	10.3	10.4	10.8
GE 5000	10.2	10.2	10.3	10.4	10.4	10.4	10.5	10.7	10.7	10.9	10.9	11.0	11.1	11.1	11.2	11.7
GE 4500	11.2	11.3	11.6	11.7	11.7	11.7	11.8	12.0	12.0	12.2	12.2	12.3	12.4	12.4	12.5	13.0
GE 4000	12.2	12.3	12.6	12.9	12.9	12.9	13.0	13.2	13.2	13.4	13.4	13.5	13.6	13.6	13.7	14.1
GE 3500	14.4	14.6	15.1	15.4	15.6	15.6	15.7	15.9	15.9	16.1	16.1	16.2	16.3	16.3	16.4	16.8
GE 3000	17.7	18.0	18.6	19.0	19.2	19.2	19.3	19.5	19.5	19.8	19.8	20.0	20.1	20.1	20.2	20.6
GE 2500	22.4	22.7	23.3	23.8	24.0	24.0	24.2	24.4	24.4	24.6	24.6	24.8	24.9	24.9	25.1	25.5
GE 2000	27.9	28.6	29.6	30.2	30.6	30.6	30.8	31.0	31.0	31.2	31.2	31.4	31.5	31.5	31.6	32.1
GE 1800	29.4	30.2	31.3	32.0	32.3	32.3	32.5	32.7	32.7	32.9	32.9	33.2	33.3	33.3	33.4	33.8
GE 1500	34.6	35.5	36.8	37.5	37.9	38.0	38.2	38.4	38.4	38.7	38.7	38.9	39.0	39.0	39.1	39.5
GE 1200	39.3	40.4	42.0	43.0	43.8	44.0	44.2	44.4	44.4	44.6	44.6	44.8	44.9	44.9	45.0	45.5
GE 1000	42.1	43.5	45.6	46.8	47.7	47.8	48.1	48.3	48.3	48.5	48.5	48.7	48.8	48.8	48.9	49.4
GE 900	44.7	46.2	48.6	49.9	51.3	51.5	51.7	51.9	51.9	52.2	52.3	52.5	52.6	52.6	52.7	53.1
GE 800	46.4	48.1	50.8	52.1	53.7	54.0	54.2	54.5	54.6	54.9	55.0	55.2	55.3	55.3	55.4	55.8
GE 700	49.7	51.8	55.0	56.8	59.1	59.4	59.9	60.4	60.5	60.7	60.8	61.0	61.1	61.1	61.2	61.7
GE 600	52.7	55.1	58.9	61.0	63.5	64.0	64.8	65.3	65.4	65.7	65.8	66.0	66.1	66.1	66.2	66.6
GE 500	57.5	60.4	65.6	68.6	73.1	74.2	76.2	77.3	77.4	77.9	78.0	78.2	78.3	78.4	78.5	78.9
GE 400	59.9	63.0	69.2	72.6	78.1	79.3	82.6	84.3	84.4	85.2	85.3	85.5	85.7	85.9	86.1	86.5
GE 300	60.5	63.8	70.8	74.7	81.0	82.3	85.9	88.2	88.6	90.3	90.4	90.6	91.0	91.3	91.5	91.9
GE 200	60.5	64.0	71.1	75.1	82.3	83.8	87.6	90.9	91.4	93.6	94.0	94.4	95.4	95.7	96.2	96.9
GE 100	60.5	64.0	71.1	75.1	82.3	83.9	87.7	91.1	91.6	93.8	94.2	94.6	95.7	96.4	97.8	100.0
GE 000	60.5	64.0	71.1	75.1	82.3	83.9	87.7	91.1	91.6	93.8	94.2	94.6	95.7	96.4	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	5.2	5.2	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3	5.3
GE 20000	7.5	7.5	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
GE 18000	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 16000	7.8	7.8	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9	7.9
GE 14000	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3
GE 12000	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6
GE 10000	9.4	9.4	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
GE 9000	9.7	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 8000	10.4	10.4	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6	10.6
GE 7000	11.9	11.9	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 6000	13.1	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 5000	13.6	13.6	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9	13.9
GE 4500	14.1	14.3	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 4000	15.5	15.6	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 3500	17.8	18.0	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 3000	22.2	22.5	23.2	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 2500	25.8	26.1	26.9	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 2000	31.4	32.3	33.2	33.6	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7	33.7
GE 1800	33.0	33.8	34.8	35.3	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 1500	39.8	41.2	42.9	43.5	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 1200	45.5	47.4	49.7	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 1000	48.7	50.9	54.0	55.2	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 900	53.2	55.7	58.8	60.1	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5	60.5
GE 800	55.4	58.2	61.4	62.9	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 700	58.9	62.0	65.6	67.6	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 600	63.1	66.8	70.5	72.6	74.0	74.2	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 500	68.2	73.0	78.2	81.6	84.3	84.8	86.1	86.5	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 400	70.2	75.1	81.0	84.7	87.5	88.4	90.9	91.6	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 300	71.4	76.4	82.5	86.6	90.0	91.1	94.5	95.4	95.8	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 200	71.5	76.7	82.9	87.2	90.6	91.7	95.9	97.1	97.5	98.9	99.1	99.1	99.2	99.2	99.2	99.2
GE 100	71.5	76.7	82.9	87.3	90.8	91.8	96.0	97.2	97.6	99.0	99.2	99.2	99.3	99.6	99.6	100.0
GE 000	71.5	76.7	82.9	87.3	90.8	91.8	95.0	97.2	97.6	99.0	99.2	99.2	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 919

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	6.6	6.6	6.7	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8	6.8
GE 20000	8.2	8.2	8.5	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 18000	9.1	9.1	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
GE 16000	9.1	9.1	9.3	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5	9.5
GE 14000	9.4	9.4	9.6	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
GE 12000	9.9	9.9	10.1	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3	10.3
GE 10000	11.7	11.7	11.9	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 9000	12.6	12.6	12.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 8000	13.1	13.1	13.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 7000	14.7	14.7	15.0	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2	15.2
GE 6000	16.7	16.9	17.1	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 5000	17.7	17.9	18.1	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 4500	18.6	18.9	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 4000	19.7	19.9	20.2	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4
GE 3500	21.7	21.9	22.1	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3
GE 3000	26.7	26.9	27.3	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 2500	31.4	31.6	32.1	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6	32.6
GE 2000	38.6	38.9	39.5	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 1800	40.7	41.2	42.0	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 1500	50.4	51.6	52.7	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 1200	57.0	58.8	60.3	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 1000	62.9	65.1	66.7	68.3	68.4	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 900	66.4	68.8	70.5	72.3	72.4	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 800	68.9	71.6	73.6	75.5	75.7	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 700	72.9	76.4	78.4	80.5	81.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 600	77.2	81.1	83.2	85.4	86.1	86.7	86.8	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0	87.0
GE 500	80.9	85.6	88.6	91.1	92.3	93.2	93.3	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 400	82.9	87.6	91.0	93.6	94.9	95.9	96.5	96.6	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	83.4	88.2	91.8	94.5	96.2	97.4	98.2	98.3	98.5	99.2	99.5	99.5	99.5	99.5	99.5	99.5
GE 200	83.4	88.2	91.8	94.5	96.2	97.5	98.4	98.6	98.8	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 100	83.4	88.2	91.8	94.5	96.2	97.5	98.4	98.6	98.8	99.7	99.9	99.9	99.9	100.0	100.0	100.0
GE 000	83.4	88.2	91.8	94.5	96.2	97.5	98.4	98.6	98.8	99.7	99.9	99.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 20000	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2	12.2
GE 18000	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 16000	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6	12.6
GE 14000	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
GE 12000	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 10000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
GE 9000	16.2	16.2	16.2	16.2	16.2	16.2	6.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
GE 8000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 7000	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 6000	20.6	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 5000	21.0	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 4500	22.3	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 4000	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 3500	25.2	25.5	25.5	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 3000	29.4	29.8	29.9	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 2500	36.6	37.0	37.2	37.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 2000	46.0	46.5	46.9	47.1	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 1800	47.7	48.5	48.9	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
GE 1500	57.3	58.4	59.0	59.3	59.4	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 1200	66.0	67.6	68.2	68.6	68.9	69.0	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 1000	72.2	73.8	74.8	75.1	75.4	75.5	75.5	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7
GE 900	75.2	77.2	78.3	78.6	79.1	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 800	77.6	79.7	81.0	81.3	81.9	82.2	82.2	82.2	82.2	82.3	82.3	82.3	82.3	82.3	82.3	82.3
GE 700	80.2	82.6	84.1	84.4	85.5	85.8	85.8	85.8	85.8	85.9	85.9	85.9	85.9	85.9	85.9	85.9
GE 600	83.0	85.7	87.1	87.7	88.9	89.3	89.4	89.5	89.5	89.6	89.6	89.7	89.7	89.7	89.7	89.7
GE 500	86.0	89.4	91.0	92.4	94.0	94.8	95.3	95.5	95.5	95.6	95.6	95.7	95.7	95.7	95.7	95.7
GE 400	87.1	90.6	92.4	94.0	96.0	96.8	97.4	97.6	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9
GE 300	87.4	91.2	92.9	94.7	96.6	97.6	98.1	98.7	98.8	99.2	99.3	99.5	99.6	99.6	99.6	99.6
GE 200	87.6	91.3	93.0	94.8	96.7	97.7	98.4	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 100	87.6	91.3	93.0	94.8	96.7	97.7	98.4	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0
GE 000	87.6	91.3	93.0	94.8	96.7	97.7	98.4	99.1	99.2	99.7	99.8	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 916

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.7
GE 20000	11.6	11.6	11.6	11.6	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
GE 18000	12.1	12.1	12.1	12.1	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 16000	12.3	12.3	12.3	12.3	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 14000	12.7	12.7	12.7	12.7	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9	12.9
GE 12000	13.9	13.9	13.9	13.9	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 10000	16.1	16.1	16.1	16.1	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3	16.3
GE 9000	16.2	16.2	16.2	16.2	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 8000	17.9	17.9	17.9	17.9	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2
GE 7000	19.0	19.0	19.0	19.1	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 6000	21.1	21.2	21.2	21.3	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 5000	22.3	22.4	22.4	22.6	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4500	23.6	23.7	23.7	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 4000	25.0	25.1	25.1	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 3500	28.3	28.4	28.5	28.7	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 3000	32.1	32.2	32.4	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
GE 2500	38.9	39.3	40.0	40.2	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 2000	46.5	47.0	47.7	47.9	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 1800	47.6	48.0	48.8	49.0	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 1500	54.8	55.3	56.2	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 1200	63.5	64.5	65.5	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1000	68.7	69.9	71.4	71.8	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 900	71.6	72.9	74.6	75.0	75.3	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 800	74.3	75.7	77.3	77.8	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 700	76.4	78.2	80.0	81.2	81.6	81.6	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 600	79.0	81.5	83.7	85.1	86.2	86.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 500	82.4	85.4	87.8	90.1	92.2	92.6	93.0	93.4	93.4	93.5	93.6	93.6	93.6	93.6	93.6	93.6
GE 400	83.6	87.1	89.6	92.3	94.7	95.3	96.3	96.6	96.6	96.7	96.8	97.0	97.1	97.1	97.1	97.1
GE 300	83.8	87.6	90.2	92.9	95.5	96.5	97.6	97.9	97.9	98.5	98.7	98.8	98.9	98.9	98.9	98.9
GE 200	83.8	87.6	90.3	93.0	95.8	96.7	97.8	98.3	98.3	98.8	99.2	99.3	99.5	99.7	99.7	99.7
GE 100	83.8	87.6	90.3	93.0	95.8	96.7	97.8	98.3	98.3	98.8	99.2	99.3	99.6	99.9	100.0	100.0
GE 000	83.8	87.6	90.3	93.0	95.8	96.7	97.8	98.3	98.3	98.8	99.2	99.3	99.6	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	GF 1/4	GE 0
NO CEIL	8.3	8.3	8.3	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.6
GE 20000	10.1	10.1	10.1	10.1	10.2	10.2	10.2	10.2	10.2	10.3	10.3	10.3	10.3	10.3	10.3	10.5
GE 18000	10.7	10.7	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	11.1
GE 16000	10.7	10.7	10.7	10.7	10.8	10.8	10.8	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	11.1
GE 14000	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.1	11.3
GE 12000	11.0	11.0	11.0	11.0	11.1	11.1	11.1	11.1	11.1	11.2	11.2	11.2	11.2	11.2	11.2	11.4
GE 10000	12.1	12.1	12.1	12.1	12.2	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.3	12.5
GE 9000	12.2	12.2	12.2	12.2	12.3	12.3	12.3	12.3	12.3	12.4	12.4	12.5	12.5	12.5	12.5	12.7
GE 8000	13.7	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.9	14.0	14.0	14.0	14.0	14.0	14.2
GE 7000	15.4	15.4	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.8	15.9	15.9	15.9	15.9	15.9	16.1
GE 6000	16.8	16.8	17.0	17.0	17.1	17.1	17.2	17.2	17.2	17.3	17.4	17.4	17.4	17.4	17.4	17.6
GE 5000	17.5	17.5	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.9	18.0	18.0	18.0	18.0	18.0	18.3
GE 4500	18.5	18.5	18.6	18.6	18.7	18.7	18.8	18.8	18.8	18.9	19.0	19.0	19.0	19.0	19.0	19.2
GE 4000	20.9	21.0	21.1	21.1	21.2	21.2	21.3	21.3	21.3	21.4	21.5	21.5	21.5	21.5	21.5	21.7
GE 3500	23.3	23.5	23.6	23.6	23.7	23.7	23.8	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.2
GE 3000	27.5	27.7	27.8	27.8	27.9	27.9	28.0	28.0	28.0	28.2	28.3	28.3	28.3	28.3	28.3	28.5
GE 2500	33.5	33.8	34.0	34.0	34.3	34.3	34.6	34.6	34.6	34.7	34.8	34.8	34.8	34.8	34.8	35.0
GE 2000	40.1	40.4	41.0	41.2	41.5	41.5	41.8	41.8	41.8	42.0	42.1	42.1	42.1	42.1	42.1	42.5
GE 1800	41.8	42.2	42.7	42.9	43.3	43.3	43.6	43.6	43.6	43.7	43.8	43.8	43.8	43.8	43.8	44.0
GE 1500	48.6	49.2	50.3	50.9	51.4	51.4	51.7	51.7	51.7	51.8	52.0	52.0	52.0	52.0	52.0	52.2
GE 1200	53.8	54.9	56.2	56.8	57.5	57.5	57.8	57.8	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.3
GE 1000	57.4	58.6	59.9	60.9	61.5	61.5	61.8	61.8	61.8	62.0	62.1	62.1	62.1	62.1	62.1	62.3
GE 900	59.6	60.8	62.2	63.3	64.2	64.2	64.6	64.6	64.6	64.7	64.8	64.8	64.8	64.8	64.8	65.0
GE 800	61.6	63.2	64.9	66.2	67.2	67.2	67.5	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.9
GE 700	64.9	66.7	69.1	70.5	72.2	72.2	72.5	72.7	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.3
GE 600	67.9	70.0	72.5	74.1	76.4	76.6	77.1	77.6	77.7	77.8	77.9	77.9	77.9	77.9	77.9	78.2
GE 500	70.3	72.9	76.0	77.8	80.8	81.5	82.7	83.6	83.7	83.8	83.9	83.9	83.9	83.9	83.9	84.1
GE 400	71.6	74.3	78.0	80.3	83.7	84.8	86.8	88.0	88.3	88.9	89.3	89.3	89.3	89.5	89.5	89.7
GE 300	72.4	75.2	79.1	81.6	86.0	87.7	89.9	91.8	92.2	93.7	94.1	94.1	94.3	94.5	94.5	94.7
GE 200	72.5	75.3	79.6	82.1	86.7	88.8	91.3	93.6	93.9	95.4	96.1	96.1	96.6	97.0	97.2	97.7
GE 100	72.5	75.3	79.6	82.1	86.7	88.8	91.3	93.6	93.9	95.5	96.5	96.5	97.4	97.7	98.7	99.9
GE 000	72.5	75.3	79.6	82.1	86.7	88.8	91.3	93.6	93.9	95.5	96.5	96.5	97.4	97.7	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	6.6	6.7	6.8	6.8	6.8	6.8	6.9	6.9	6.9	6.9	7.0	7.0	7.0	7.0	7.1	7.2
GE 20000	8.4	8.5	8.6	8.6	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.9	8.9	8.9	9.0	9.1
GE 18000	8.8	8.9	8.9	9.0	9.1	9.1	9.1	9.1	9.1	9.2	9.2	9.2	9.3	9.3	9.4	9.5
GE 16000	8.9	8.9	9.0	9.0	9.1	9.1	9.1	9.2	9.2	9.2	9.3	9.3	9.3	9.4	9.5	9.6
GE 14000	9.1	9.2	9.2	9.2	9.3	9.3	9.4	9.4	9.4	9.5	9.5	9.5	9.5	9.6	9.7	9.8
GE 12000	9.5	9.6	9.7	9.7	9.8	9.8	9.8	9.9	9.9	9.9	10.0	10.0	10.0	10.0	10.1	10.3
GE 10000	10.8	10.8	10.9	10.9	11.0	11.0	11.0	11.1	11.1	11.1	11.2	11.2	11.2	11.3	11.3	11.5
GE 9000	11.2	11.2	11.3	11.3	11.4	11.4	11.4	11.5	11.5	11.5	11.6	11.6	11.6	11.7	11.8	11.9
GE 8000	12.3	12.4	12.4	12.5	12.6	12.6	12.6	12.7	12.7	12.7	12.7	12.8	12.8	12.8	12.9	13.0
GE 7000	13.8	13.9	14.0	14.1	14.2	14.2	14.2	14.2	14.2	14.3	14.3	14.4	14.4	14.4	14.5	14.6
GE 6000	15.1	15.3	15.4	15.5	15.6	15.6	15.6	15.7	15.7	15.7	15.8	15.8	15.8	15.9	15.9	16.1
GE 5000	15.9	16.1	16.2	16.3	16.4	16.4	16.4	16.5	16.5	16.5	16.6	16.6	16.7	16.7	16.8	16.9
GE 4500	16.8	17.1	17.3	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.7	17.7	17.7	17.8	17.8	18.0
GE 4000	18.1	18.4	18.6	18.7	18.8	18.8	18.8	18.9	18.9	18.9	19.0	19.0	19.1	19.1	19.2	19.3
GE 3500	20.6	21.0	21.2	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.7	21.7	21.8	21.8	21.9	22.0
GE 3000	24.3	24.7	25.1	25.3	25.5	25.5	25.5	25.6	25.6	25.6	25.7	25.7	25.7	25.8	25.9	26.0
GE 2500	29.9	30.4	30.9	31.2	31.3	31.3	31.4	31.5	31.5	31.5	31.6	31.6	31.7	31.7	31.8	31.9
GE 2000	37.1	37.7	38.5	38.8	39.0	39.0	39.1	39.2	39.2	39.2	39.3	39.3	39.4	39.4	39.5	39.6
GE 1800	38.7	39.5	40.3	40.6	40.8	40.8	40.9	41.0	41.0	41.0	41.1	41.1	41.2	41.2	41.3	41.4
GE 1500	45.8	46.9	48.0	48.5	48.7	48.8	48.9	49.0	49.0	49.0	49.1	49.1	49.2	49.2	49.3	49.4
GE 1200	52.0	53.4	54.8	55.6	56.0	56.1	56.2	56.2	56.2	56.3	56.4	56.4	56.4	56.5	56.6	56.7
GE 1000	55.9	57.5	59.3	60.1	60.7	60.8	60.9	60.9	60.9	61.0	61.1	61.1	61.2	61.2	61.3	61.4
GE 900	58.7	60.5	62.4	63.4	64.1	64.3	64.4	64.4	64.4	64.5	64.6	64.6	64.7	64.7	64.8	64.9
GE 800	60.8	62.8	64.9	66.1	67.0	67.2	67.3	67.4	67.4	67.5	67.5	67.6	67.6	67.7	67.7	67.9
GE 700	63.8	66.1	68.7	70.1	71.5	71.7	71.9	72.0	72.0	72.1	72.2	72.2	72.3	72.3	72.4	72.5
GE 600	67.1	69.9	72.7	74.5	76.2	76.6	76.9	77.1	77.2	77.2	77.3	77.4	77.4	77.5	77.5	77.7
GE 500	70.7	74.1	77.8	80.4	83.3	84.2	85.2	85.7	85.7	85.9	86.0	86.0	86.1	86.1	86.2	86.3
GE 400	72.5	76.0	80.4	83.3	87.0	88.2	90.0	90.7	90.8	91.2	91.3	91.4	91.5	91.6	91.6	91.8
GE 300	73.1	76.8	81.6	84.9	89.1	90.6	92.7	93.8	94.0	94.8	95.1	95.1	95.3	95.4	95.6	95.7
GE 200	73.2	76.9	81.9	85.2	89.7	91.4	93.8	95.3	95.6	96.6	97.0	97.1	97.5	97.7	98.0	98.3
GE 100	73.2	76.9	81.9	85.2	89.7	91.4	93.9	95.5	95.8	96.9	97.3	97.4	98.0	98.5	99.1	99.9
GE 000	73.2	76.9	81.9	85.2	89.7	91.4	93.9	95.5	95.8	96.9	97.3	97.4	98.0	98.5	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 7375

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	6.1	6.6	6.8	6.8	6.8	6.8	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
GE 20000	7.5	8.0	8.3	8.3	8.3	8.3	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.6	8.6
GE 18000	7.8	8.2	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.9	8.9	8.9	9.0
GE 16000	7.8	8.2	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.9	8.9	8.9	9.0
GE 14000	7.8	8.2	8.6	8.6	8.6	8.6	8.8	8.8	8.8	8.8	8.8	8.8	8.9	8.9	8.9	9.0
GE 12000	7.9	8.3	8.7	8.7	8.7	8.7	8.9	8.9	8.9	8.9	8.9	8.9	9.0	9.0	9.0	9.1
GE 10000	8.1	8.5	8.9	8.9	8.9	8.9	9.1	9.1	9.1	9.1	9.1	9.1	9.3	9.3	9.3	9.4
GE 9000	8.2	8.6	9.0	9.0	9.0	9.0	9.3	9.3	9.3	9.3	9.3	9.3	9.4	9.4	9.4	9.5
GE 8000	8.8	9.3	9.7	9.7	9.7	9.7	9.9	9.9	9.9	9.9	9.9	9.9	10.1	10.1	10.1	10.2
GE 7000	10.1	10.5	11.0	11.0	11.1	11.1	11.3	11.3	11.3	11.3	11.3	11.3	11.5	11.5	11.5	11.6
GE 6000	12.3	12.7	13.1	13.1	13.2	13.2	13.5	13.5	13.5	13.5	13.5	13.5	13.7	13.7	13.7	13.8
GE 5000	13.3	13.8	14.2	14.2	14.3	14.3	14.5	14.5	14.5	14.5	14.5	14.5	14.7	14.7	14.7	14.9
GE 4500	14.2	14.6	15.1	15.1	15.2	15.2	15.4	15.4	15.4	15.4	15.4	15.4	15.6	15.6	15.6	15.7
GE 4000	15.5	16.3	16.7	16.7	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.0	17.2	17.2	17.2	17.3
GE 3500	18.3	19.1	19.5	19.5	19.6	19.6	19.8	19.8	19.8	19.8	19.8	19.8	20.0	20.0	20.0	20.1
GE 3000	22.2	22.9	23.7	23.7	24.0	24.0	24.2	24.2	24.2	24.2	24.2	24.2	24.4	24.4	24.4	24.5
GE 2500	28.0	28.7	30.0	30.1	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8	31.0	31.0	31.0	31.1
GE 2000	33.4	34.4	35.7	36.0	36.5	36.5	36.7	36.7	36.7	36.7	36.7	36.7	36.9	36.9	36.9	37.0
GE 1800	34.0	35.1	36.6	36.8	37.4	37.4	37.6	37.6	37.6	37.6	37.6	37.6	37.8	37.8	37.8	37.9
GE 1500	39.7	41.4	43.6	44.0	44.9	44.9	45.1	45.1	45.1	45.1	45.1	45.1	45.3	45.3	45.3	45.4
GE 1200	46.2	47.9	50.6	51.5	53.2	53.2	53.9	53.9	53.9	53.9	53.9	53.9	54.1	54.1	54.1	54.3
GE 1000	48.7	50.4	53.6	55.0	57.2	57.2	58.0	58.0	58.0	58.0	58.0	58.0	58.2	58.2	58.2	58.3
GE 900	49.7	51.6	54.8	56.3	58.6	58.6	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.6	59.6	59.7
GE 800	50.7	52.5	55.9	57.5	59.7	59.7	60.8	60.8	60.8	60.8	60.8	60.8	61.0	61.0	61.0	61.1
GE 700	52.2	54.0	58.3	60.2	62.6	62.6	63.7	63.7	63.7	63.8	63.8	63.8	64.0	64.0	64.0	64.2
GE 600	53.9	55.9	60.4	62.8	66.4	66.4	67.7	67.9	67.9	68.0	68.0	68.0	68.2	68.2	68.2	68.4
GE 500	56.4	58.6	64.8	67.8	74.7	74.8	77.1	77.5	77.5	77.6	77.6	77.6	77.8	77.8	77.8	77.9
GE 400	59.5	61.8	69.4	73.2	81.4	82.1	85.3	86.1	86.1	86.4	86.4	86.4	86.8	86.8	86.9	87.0
GE 300	60.2	63.2	71.7	75.7	84.6	85.5	89.0	90.3	90.3	90.7	90.9	91.0	91.8	91.8	92.0	92.1
GE 200	60.4	63.5	72.1	76.6	86.2	87.1	91.1	92.5	92.5	93.3	93.9	94.1	95.6	95.6	95.9	96.0
GE 100	60.4	63.5	72.1	76.6	86.2	87.1	91.2	93.1	93.1	94.1	94.9	95.3	98.4	98.4	99.8	100.0
GE 000	60.4	63.5	72.1	76.6	86.2	87.1	91.2	93.1	93.1	94.1	94.9	95.3	98.4	98.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	5.5	5.6	6.0	6.0	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1	6.1
GE 20000	6.4	6.5	7.0	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2	7.2
GE 18000	6.5	6.6	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 16000	6.5	6.6	7.1	7.2	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3	7.3
GE 14000	6.6	6.7	7.2	7.3	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
GE 12000	6.7	6.8	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
GE 10000	6.7	6.8	7.3	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
GE 9000	7.4	7.6	8.2	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
GE 8000	7.9	8.1	8.6	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8
GE 7000	8.8	9.0	9.6	9.7	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8	9.8
GE 6000	10.3	10.5	11.1	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 5000	11.7	11.9	12.6	12.8	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 4500	12.5	12.7	13.3	13.6	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 4000	14.9	15.1	15.7	15.9	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 3500	18.1	18.4	19.1	19.3	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 3000	21.6	22.0	22.9	23.1	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 2500	27.8	28.2	29.5	29.7	30.2	30.2	30.2	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 2000	34.4	35.0	36.6	37.0	37.6	37.6	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 1800	35.8	36.4	38.2	38.6	39.4	39.4	39.4	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 1500	39.4	39.9	42.1	42.6	43.4	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 1200	46.7	47.3	49.7	50.8	51.6	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 1000	49.1	49.6	52.5	53.7	54.9	55.1	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 900	50.9	51.6	54.5	55.7	56.8	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 800	52.2	53.0	56.1	57.4	58.7	58.9	59.2	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3	59.3
GE 700	53.5	54.4	58.1	59.6	61.4	61.6	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
GE 600	55.1	56.0	60.0	62.0	64.5	64.7	65.3	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 500	57.8	59.1	65.0	68.8	73.6	74.1	75.7	76.1	76.1	76.2	76.2	76.3	76.3	76.3	76.3	76.3
GE 400	59.5	60.8	67.7	72.2	78.7	80.0	82.0	82.9	82.9	83.1	83.1	83.2	83.2	83.2	83.2	83.2
GE 300	60.4	61.9	69.4	74.4	82.0	83.4	86.5	88.1	88.1	88.5	88.6	88.9	89.6	89.6	89.7	89.7
GE 200	60.8	62.3	70.2	75.3	84.6	86.0	90.1	92.0	92.0	92.7	93.0	93.3	95.0	95.3	95.4	95.7
GE 100	60.8	62.3	70.2	75.3	84.7	86.1	90.3	92.6	92.6	93.6	94.4	94.7	98.0	98.3	99.5	100.0
GE 000	60.8	62.3	70.2	75.3	84.7	86.1	90.3	92.6	92.6	93.6	94.4	94.7	98.0	98.3	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	5.7	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.9	5.9	5.9	5.9	6.2	6.2
GE 20000	6.9	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.6	7.6
GE 18000	6.9	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.6	7.6
GE 16000	6.9	7.0	7.0	7.1	7.1	7.1	7.1	7.1	7.1	7.2	7.3	7.3	7.3	7.3	7.6	7.6
GE 14000	7.0	7.1	7.1	7.2	7.2	7.2	7.2	7.2	7.2	7.3	7.5	7.5	7.5	7.5	7.7	7.7
GE 12000	7.5	7.6	7.6	7.7	7.7	7.7	7.7	7.7	7.7	7.8	7.9	7.9	7.9	7.9	8.1	8.1
GE 10000	8.3	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.7	8.7	8.7	8.7	9.0	9.0
GE 9000	8.9	9.0	9.0	9.1	9.2	9.2	9.2	9.2	9.2	9.3	9.4	9.4	9.4	9.4	9.6	9.6
GE 8000	9.0	9.1	9.1	9.2	9.3	9.3	9.3	9.3	9.3	9.4	9.5	9.5	9.5	9.5	9.7	9.7
GE 7000	9.9	10.0	10.0	10.2	10.3	10.3	10.3	10.3	10.3	10.4	10.5	10.5	10.5	10.5	10.7	10.7
GE 6000	12.5	12.7	12.7	12.9	13.1	13.1	13.1	13.1	13.1	13.2	13.3	13.3	13.3	13.3	13.5	13.5
GE 5000	13.6	13.8	13.8	14.0	14.3	14.3	14.3	14.3	14.3	14.4	14.5	14.5	14.5	14.5	14.7	14.7
GE 4500	15.2	15.7	15.7	15.9	16.1	16.1	16.1	16.1	16.1	16.2	16.3	16.3	16.3	16.3	16.5	16.5
GE 4000	18.4	18.8	18.8	19.0	19.2	19.2	19.2	19.2	19.2	19.3	19.4	19.4	19.4	19.4	19.7	19.7
GE 3500	21.7	22.1	22.2	22.5	22.7	22.7	22.7	22.7	22.7	22.8	22.9	22.9	22.9	22.9	23.1	23.1
GE 3000	24.9	25.6	26.0	26.3	26.6	26.6	26.6	26.6	26.6	26.8	26.9	26.9	26.9	26.9	27.1	27.1
GE 2500	31.9	32.7	33.4	33.9	34.1	34.1	34.1	34.2	34.2	34.4	34.6	34.6	34.7	34.7	34.9	34.9
GE 2000	39.5	40.7	41.7	42.3	42.5	42.5	42.5	42.7	42.7	42.9	43.0	43.0	43.2	43.2	43.4	43.4
GE 1800	41.3	42.5	44.2	44.8	45.0	45.0	45.0	45.1	45.1	45.4	45.5	45.5	45.7	45.7	45.9	45.9
GE 1500	46.0	47.7	49.6	50.3	50.6	50.8	50.8	50.9	50.9	51.1	51.2	51.2	51.4	51.4	51.6	51.6
GE 1200	50.4	52.5	55.2	56.0	56.7	56.9	56.9	57.0	57.0	57.3	57.5	57.5	57.7	57.7	57.9	57.9
GE 1000	52.3	54.5	57.7	58.7	59.6	59.8	59.8	60.0	60.0	60.4	60.5	60.5	60.7	60.7	60.9	60.9
GE 900	53.9	56.3	59.6	61.0	62.0	62.2	62.2	62.4	62.4	63.0	63.1	63.1	63.3	63.3	63.5	63.5
GE 800	54.6	57.0	60.4	61.9	62.9	63.1	63.2	63.4	63.4	63.9	64.0	64.0	64.3	64.3	64.5	64.5
GE 700	56.7	59.3	62.7	64.3	65.4	65.8	65.9	66.1	66.1	66.6	66.7	66.7	67.0	67.0	67.2	67.2
GE 600	58.3	61.1	65.0	66.6	68.1	68.5	68.8	69.0	69.0	69.5	69.7	69.7	69.9	69.9	70.1	70.1
GE 500	60.5	63.7	69.2	71.9	76.0	76.7	78.1	78.4	78.4	78.9	79.0	79.0	79.4	79.4	79.6	79.6
GE 400	60.9	64.3	70.7	73.7	78.9	79.6	82.1	83.5	83.6	84.2	84.4	84.4	84.8	84.9	85.1	85.1
GE 300	62.5	66.0	72.7	75.9	82.0	83.2	86.9	89.5	89.6	90.5	90.8	90.9	91.8	92.0	92.5	92.5
GE 200	62.9	66.4	73.2	76.5	83.0	84.2	88.3	91.1	91.3	92.8	93.1	93.2	94.8	95.0	95.9	96.1
GE 100	62.9	66.4	73.3	76.6	83.2	84.3	88.7	91.5	91.6	93.1	93.7	93.8	96.7	97.1	99.1	99.8
GE 000	62.9	66.4	73.3	76.6	83.2	84.3	88.7	91.5	91.6	93.1	93.7	93.8	96.7	97.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING IN FEET	VISIBILITY IN STATUTE MILES															
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	5.6	5.6	5.6	5.8	5.8	5.8	5.8	5.8	5.8	5.9	6.0	6.0	6.0	6.0	6.1	6.1
GE 20000	7.9	7.9	7.9	8.0	8.1	8.1	8.1	8.1	8.1	8.3	8.4	8.4	8.4	8.4	8.5	8.5
GE 18000	8.0	8.0	8.0	8.1	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.5	8.5	8.6	8.6
GE 16000	8.0	8.0	8.0	8.1	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.5	8.5	8.6	8.6
GE 14000	8.0	8.0	8.0	8.1	8.3	8.3	8.3	8.3	8.3	8.4	8.5	8.5	8.5	8.5	8.6	8.6
GE 12000	8.5	8.5	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.8	8.9	8.9	8.9	8.9	9.0	9.0
GE 10000	10.2	10.2	10.2	10.3	10.4	10.4	10.4	10.4	10.4	10.5	10.6	10.6	10.6	10.6	10.7	10.7
GE 9000	10.6	10.6	10.7	10.9	11.1	11.1	11.1	11.1	11.1	11.2	11.3	11.3	11.3	11.3	11.4	11.4
GE 8000	12.1	12.1	12.2	12.3	12.5	12.5	12.5	12.5	12.5	12.6	12.7	12.7	12.7	12.7	12.8	12.8
GE 7000	12.9	12.9	13.0	13.1	13.4	13.4	13.4	13.4	13.4	13.5	13.6	13.6	13.6	13.6	13.7	13.7
GE 6000	15.7	16.0	16.1	16.2	16.4	16.4	16.4	16.4	16.4	16.5	16.6	16.6	16.6	16.6	16.7	16.7
GE 5000	16.9	17.2	17.4	17.5	17.7	17.7	17.7	17.7	17.7	17.8	17.9	17.9	17.9	17.9	18.0	18.0
GE 4500	18.6	18.9	19.2	19.3	19.5	19.5	19.5	19.5	19.5	19.7	19.8	19.8	19.8	19.8	19.9	19.9
GE 4000	21.3	21.7	22.0	22.1	22.4	22.4	22.4	22.4	22.4	22.5	22.6	22.6	22.6	22.6	22.7	22.7
GE 3500	23.2	23.7	24.1	24.3	24.5	24.5	24.5	24.5	24.5	24.6	24.8	24.8	24.8	24.8	24.9	24.9
GE 3000	28.2	28.7	29.2	29.4	29.6	29.6	29.6	29.8	29.8	29.9	30.0	30.0	30.0	30.0	30.1	30.1
GE 2500	36.5	36.9	37.5	37.7	37.9	37.9	37.9	38.0	38.0	38.1	38.2	38.2	38.2	38.2	38.3	38.3
GE 2000	42.3	42.9	43.4	43.6	44.0	44.0	44.0	44.1	44.1	44.2	44.3	44.3	44.3	44.3	44.4	44.4
GE 1800	44.8	45.4	46.1	46.4	46.7	46.7	46.7	46.8	46.8	46.9	47.0	47.0	47.0	47.0	47.1	47.1
GE 1500	49.8	50.7	52.1	52.7	53.2	53.2	53.2	53.3	53.3	53.4	53.5	53.5	53.5	53.5	53.6	53.6
GE 1200	56.2	57.4	58.8	59.4	60.4	60.4	60.4	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.8	60.8
GE 1000	58.2	59.6	61.1	61.9	62.9	63.1	63.1	63.2	63.2	63.3	63.4	63.4	63.4	63.4	63.5	63.5
GE 900	60.9	62.3	64.1	64.9	66.2	66.4	66.4	66.6	66.6	66.7	66.8	66.8	66.8	66.8	66.9	66.9
GE 800	62.9	64.3	66.2	67.2	68.6	68.8	68.8	68.9	68.9	69.1	69.2	69.2	69.2	69.2	69.3	69.3
GE 700	65.9	67.6	69.8	70.9	73.0	73.3	73.4	73.5	73.5	73.6	73.7	73.7	73.7	73.7	73.8	73.8
GE 600	67.5	69.4	71.8	73.2	75.6	76.2	76.4	76.7	76.7	76.9	77.0	77.0	77.0	77.0	77.1	77.1
GE 500	70.6	73.2	76.8	79.6	83.7	85.0	86.0	86.8	86.9	87.2	87.3	87.3	87.3	87.3	87.4	87.4
GE 400	72.6	75.7	79.4	82.6	87.6	89.1	90.3	92.0	92.1	92.5	92.6	92.6	92.7	92.7	92.8	92.8
GE 300	73.2	76.5	80.3	83.8	89.0	90.8	92.7	94.8	94.9	95.4	95.8	95.8	96.2	96.2	96.5	96.5
GE 200	73.2	76.7	80.5	84.0	89.6	91.5	93.6	96.2	96.4	97.1	97.5	97.5	98.4	98.4	98.9	98.9
GE 100	73.2	76.7	80.5	84.0	89.6	91.5	93.6	96.3	96.5	97.3	97.7	97.7	98.6	98.6	99.3	99.5
GE 000	73.2	76.7	80.5	84.0	89.6	91.5	93.6	96.3	96.5	97.3	97.7	97.7	98.6	98.8	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 921

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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
NO CEIL	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4	7.4
GE 20000	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0	9.0
GE 18000	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2	9.2
GE 16000	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3	9.3
GE 14000	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 12000	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1
GE 10000	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0	12.0
GE 9000	13.1	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 8000	15.3	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
GE 7000	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 6000	19.7	19.8	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 5000	20.3	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 4500	21.6	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 4000	23.3	23.5	23.6	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 3500	25.6	25.8	26.0	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 3000	31.1	31.5	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 2500	39.8	40.1	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7	40.7
GE 2000	47.0	47.3	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8	47.8
GE 1800	48.3	48.6	49.1	49.2	49.2	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 1500	55.6	57.0	57.7	57.8	57.9	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 1200	64.0	65.8	66.7	66.8	66.9	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 1000	68.4	70.4	71.3	71.5	71.9	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 900	71.8	73.0	74.0	74.5	74.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 800	73.2	75.9	76.9	77.5	78.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 700	75.7	78.6	80.4	81.2	82.3	83.6	83.7	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 600	78.4	81.6	83.5	84.6	85.8	87.4	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 500	80.8	84.5	87.0	88.5	90.3	92.4	93.9	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 400	82.2	86.1	88.7	91.0	93.0	95.4	97.3	97.9	97.9	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	82.4	86.4	89.3	91.8	94.0	96.5	98.5	99.2	99.2	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	82.5	86.6	89.4	91.9	94.1	96.6	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.5	86.6	89.4	91.9	94.1	96.6	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.5	86.6	89.4	91.9	94.1	96.6	98.6	99.3	99.3	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1	8.1
GE 20000	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1	11.1
GE 18000	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 16000	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6	11.6
GE 14000	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8	11.8
GE 12000	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1
GE 10000	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2	13.2
GE 9000	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 8000	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 7000	18.0	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 6000	19.7	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 5000	21.2	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 4500	22.1	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 4000	24.9	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4
GE 3500	28.1	28.5	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6	28.6
GE 3000	32.8	33.3	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.5
GE 2500	39.7	40.2	40.4	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 2000	47.3	48.1	48.6	48.9	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 1800	48.4	49.2	49.7	49.9	49.9	49.9	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 1500	57.7	58.6	59.3	59.5	59.7	59.7	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
GE 1200	65.1	66.3	67.5	67.7	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 1000	70.5	71.9	73.5	74.0	74.4	74.4	74.6	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 900	72.7	74.2	76.1	76.6	77.6	77.6	77.8	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 800	75.2	76.8	78.8	79.5	80.6	80.7	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 700	77.9	79.8	82.1	83.2	84.3	84.6	84.8	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 600	80.7	82.7	85.0	86.5	87.6	88.2	88.5	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 500	83.5	86.1	89.2	91.0	92.4	93.6	94.4	94.7	94.7	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	84.4	87.2	90.4	92.5	94.3	95.4	9.4	97.1	97.1	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 300	85.2	88.1	91.2	93.5	95.2	96.5	97.7	98.7	98.7	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 200	85.2	88.1	91.2	93.5	95.2	96.6	97.9	99.0	99.0	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 100	85.2	88.1	91.2	93.5	95.2	96.6	97.9	99.0	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	85.2	88.1	91.2	93.5	95.2	96.6	97.9	99.0	99.0	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8	5.8
GE 20000	6.9	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0	7.0
GE 18000	7.4	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5	7.5
GE 16000	7.6	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8
GE 14000	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.2
GE 12000	8.3	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4	8.4
GE 10000	9.0	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1	9.1
GE 9000	10.4	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5	10.5
GE 8000	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
GE 7000	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 6000	16.3	16.4	16.6	16.6	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7	16.7
GE 5000	17.4	17.7	17.9	17.9	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 4500	18.4	18.6	18.9	18.9	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 4000	21.1	21.3	21.6	21.6	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 3500	23.6	23.9	24.2	24.2	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 3000	29.2	29.7	30.1	30.1	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6	30.6
GE 2500	34.3	35.2	35.8	36.0	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 2000	40.9	41.9	42.5	42.9	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 1800	42.1	43.1	43.7	44.2	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
GE 1500	51.6	52.5	53.4	53.9	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 1200	59.8	61.1	62.1	63.1	64.3	64.4	64.4	64.4	64.4	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 1000	63.9	65.4	66.5	67.7	69.2	69.4	69.4	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
GE 900	66.1	67.8	69.2	70.5	72.0	72.2	72.2	72.2	72.2	72.3	72.3	72.3	72.3	72.3	72.3	72.3
GE 800	68.1	69.9	71.3	72.8	74.4	74.7	74.7	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 700	70.7	72.4	74.0	75.5	77.1	77.5	77.5	77.5	77.5	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 600	73.5	75.7	77.5	79.3	81.6	82.1	82.5	82.6	82.6	82.7	82.7	82.7	82.7	82.8	82.8	82.8
GE 500	77.7	80.3	83.2	86.1	89.8	90.5	91.2	91.7	91.9	92.0	92.1	92.1	92.6	92.6	92.6	92.6
GE 400	78.7	81.4	84.5	87.5	91.5	92.2	93.1	94.4	94.6	94.8	94.9	94.9	95.4	95.4	95.4	95.4
GE 300	79.1	81.8	85.1	88.5	92.8	93.5	95.0	96.7	96.9	97.1	97.5	97.5	98.1	98.1	98.2	98.2
GE 200	79.1	81.9	85.4	88.8	93.6	94.4	95.9	97.6	97.8	98.3	98.8	98.8	99.5	99.5	99.6	99.6
GE 100	79.1	81.9	85.4	88.8	93.6	94.4	95.9	97.6	97.8	98.3	98.8	98.8	99.6	99.6	99.8	99.8
GE 000	79.1	81.9	85.4	88.8	93.6	94.4	95.9	97.6	97.8	98.3	98.8	98.8	99.6	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	6.0	6.3	6.3	6.3	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.4	6.5	6.6
GE 20000	7.2	7.5	7.7	7.7	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.8	7.9	8.0
GE 18000	7.8	8.1	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.3	8.4	8.5
GE 16000	8.0	8.3	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.7
GE 14000	8.1	8.4	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.8
GE 12000	8.3	8.6	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.8	8.9	9.1
GE 10000	9.6	9.9	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.1	10.2	10.3
GE 9000	10.1	10.5	10.6	10.6	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.7	10.8	10.9
GE 8000	10.8	11.1	11.2	11.2	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.6
GE 7000	12.7	13.0	13.3	13.3	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.6	13.7
GE 6000	14.1	14.4	14.8	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.2
GE 5000	15.2	15.5	15.8	15.8	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.2	16.3
GE 4500	16.3	16.6	16.9	16.9	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.1	17.2	17.3
GE 4000	18.0	19.1	19.5	19.5	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.9	20.0
GE 3500	21.1	21.7	22.2	22.2	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.7
GE 3000	25.3	26.0	26.6	26.6	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	26.9	27.0	27.2
GE 2500	31.7	32.4	33.7	33.8	34.6	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.7	34.8	34.9
GE 2000	37.5	38.7	40.2	40.4	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.5
GE 1800	38.6	39.8	41.3	41.7	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.7	42.8
GE 1500	44.1	45.6	47.3	47.8	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.1	49.2
GE 1200	50.2	52.2	54.2	55.0	56.7	57.0	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.2	57.3
GE 1000	53.0	55.0	57.4	58.2	60.3	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.9	61.0
GE 900	55.3	57.2	59.9	60.7	63.0	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.6	63.7
GE 800	56.4	58.6	61.6	62.4	65.0	65.3	65.6	65.6	65.6	65.6	65.7	65.7	65.7	65.7	65.8	65.9
GE 700	58.3	61.0	64.0	64.8	67.8	68.1	68.5	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.8	68.9
GE 600	60.8	63.7	67.2	69.0	72.8	73.2	73.7	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.9	74.0
GE 500	63.5	67.1	72.1	74.0	80.3	81.1	82.3	82.4	82.5	82.8	83.0	83.0	83.1	83.1	83.2	83.3
GE 400	65.5	69.2	74.8	77.0	84.2	85.3	87.5	88.0	88.1	88.7	88.9	88.9	89.0	89.0	89.1	89.2
GE 300	66.1	70.2	76.1	78.8	86.4	88.1	91.3	92.5	92.8	93.9	94.2	94.2	94.5	94.5	94.8	94.9
GE 200	66.4	70.6	76.5	79.2	86.9	88.8	92.2	93.4	93.9	95.3	95.9	96.0	96.7	96.7	97.3	97.4
GE 100	66.4	70.6	76.5	79.2	86.9	88.8	92.2	93.6	94.1	95.6	96.4	96.7	98.1	98.1	99.5	100.0
GE 000	66.4	70.6	76.5	79.2	86.9	88.8	92.2	93.6	94.1	95.6	96.4	96.7	98.1	98.1	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: 1 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	6.3	6.4	6.5	6.5	6.5	6.5	6.5	6.5	6.5	6.6	6.6	6.6	6.6	6.6	6.6	6.7
GE 20000	7.9	8.0	8.1	8.2	8.2	8.2	8.2	8.2	8.2	8.2	8.3	8.3	8.3	8.3	8.3	8.4
GE 18000	8.1	8.2	8.4	8.4	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.5	8.6	8.6	8.6	8.6
GE 16000	8.2	8.3	8.5	8.5	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.6	8.7	8.7	8.7	8.7
GE 14000	8.3	8.5	8.6	8.7	8.7	8.7	8.7	8.7	8.7	8.7	8.8	8.8	8.8	8.8	8.8	8.9
GE 12000	8.7	8.8	8.9	9.0	9.0	9.0	9.0	9.0	9.0	9.1	9.1	9.1	9.1	9.1	9.7	9.2
GE 10000	9.6	9.8	9.9	10.0	10.0	10.0	10.0	10.0	10.0	10.0	10.1	10.1	10.1	10.1	10.1	10.2
GE 9000	10.4	10.6	10.8	10.8	10.9	10.9	10.9	10.9	10.9	10.9	10.9	10.9	11.0	11.0	11.0	11.0
GE 8000	11.6	11.8	11.9	11.9	12.0	12.0	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.1	12.2	12.2
GE 7000	13.0	13.2	13.4	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.7	13.7	13.7	13.7
GE 6000	15.1	15.3	15.5	15.6	15.7	15.7	15.7	15.7	15.7	15.8	15.8	15.8	15.8	15.8	15.9	15.9
GE 5000	16.2	16.5	16.7	16.8	16.9	16.9	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1	17.1	17.1
GE 4500	17.3	17.7	17.9	18.0	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.3
GE 4000	19.8	20.1	20.4	20.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8
GE 3500	22.5	22.9	23.2	23.3	23.5	23.5	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.6	23.7	23.7
GE 3000	26.9	27.4	28.0	28.1	28.3	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5	28.6
GE 2500	33.7	34.3	35.1	35.3	35.6	35.6	35.7	35.7	35.7	35.7	35.8	35.8	35.8	35.8	35.9	35.9
GE 2000	40.3	41.1	42.1	42.4	42.7	42.7	42.8	42.8	42.8	42.9	42.9	42.9	42.9	42.9	43.0	43.0
GE 1800	41.6	42.5	43.6	44.0	44.3	44.4	44.4	44.4	44.4	44.5	44.5	44.5	44.6	44.6	44.6	44.6
GE 1500	48.0	49.2	50.6	51.1	51.6	51.7	51.7	51.8	51.8	51.8	51.8	51.8	51.9	51.9	51.9	52.0
GE 1200	54.8	56.3	58.1	58.8	59.7	59.8	60.0	60.1	60.1	60.1	60.1	60.1	60.2	60.2	60.3	60.3
GE 1000	58.0	59.6	61.7	62.6	63.8	64.0	64.2	64.3	64.3	64.4	64.4	64.4	64.5	64.5	64.5	64.5
GE 900	60.0	61.7	64.0	65.0	66.4	66.7	66.8	66.9	66.9	67.0	67.0	67.0	67.1	67.1	67.2	67.2
GE 800	61.6	63.5	65.9	67.0	68.5	68.8	69.0	69.1	69.1	69.2	69.3	69.3	69.3	69.3	69.4	69.4
GE 700	63.8	65.9	68.7	69.9	71.7	72.1	72.4	72.5	72.5	72.6	72.7	72.7	72.7	72.7	72.8	72.8
GE 600	66.0	68.2	71.3	73.0	75.3	75.8	76.4	76.5	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.9
GE 500	68.8	71.6	75.9	78.5	82.6	83.5	84.8	85.2	85.3	85.6	85.6	85.6	85.8	85.8	85.8	85.9
GE 400	70.4	73.3	78.2	81.2	86.2	87.4	89.2	90.2	90.3	90.7	90.8	90.8	91.0	91.0	91.1	91.1
GE 300	71.1	74.2	79.5	82.8	88.3	89.7	92.2	93.7	93.8	94.4	94.6	94.7	95.1	95.2	95.4	95.4
GE 200	71.3	74.5	79.8	83.2	89.2	90.7	93.5	95.2	95.3	96.2	96.5	96.6	97.5	97.5	97.9	97.9
GE 100	71.3	74.5	79.8	83.2	89.2	90.7	93.5	95.4	95.5	96.5	97.0	97.1	98.6	98.7	99.6	99.9
GE 000	71.3	74.5	79.8	83.2	89.2	90.7	93.5	95.4	95.5	96.5	97.0	97.1	98.7	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 7407

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.7	14.7	14.8	14.8	14.8	14.8
GE 20000	15.5	15.5	15.6	15.6	15.6	15.6	15.7	15.7	15.7	15.7	15.8	15.8	15.9	15.9	15.9	15.9
GE 18000	16.0	16.0	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.4	16.4	16.5	16.5	16.5	16.5
GE 16000	16.4	16.4	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8
GE 14000	16.4	16.4	16.5	16.5	16.5	16.5	16.6	16.6	16.6	16.6	16.7	16.7	16.8	16.8	16.8	16.8
GE 12000	16.7	16.7	16.8	16.8	16.8	16.8	16.9	16.9	16.9	16.9	17.0	17.0	17.1	17.1	17.1	17.1
GE 10000	17.2	17.2	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.8
GE 9000	17.2	17.2	17.4	17.5	17.5	17.5	17.6	17.6	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.8
GE 8000	17.9	17.9	18.0	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.4	18.4	18.5	18.5	18.5	18.5
GE 7000	19.4	19.4	19.5	19.6	19.6	19.6	19.7	19.7	19.7	19.7	19.8	19.8	19.9	19.9	19.9	19.9
GE 6000	21.7	21.7	21.8	21.9	21.9	21.9	22.0	22.0	22.0	22.0	22.1	22.1	22.2	22.2	22.2	22.2
GE 5000	23.1	23.1	23.4	23.5	23.5	23.5	23.6	23.6	23.6	23.6	23.7	23.7	23.8	23.8	23.8	23.8
GE 4500	24.1	24.1	24.4	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.7	24.7	24.8	24.8	24.8	24.8
GE 4000	28.7	28.8	29.0	29.1	29.1	29.1	29.3	29.3	29.3	29.3	29.4	29.4	29.5	29.5	29.5	29.5
GE 3500	33.6	33.7	33.9	34.0	34.0	34.0	34.1	34.1	34.1	34.1	34.3	34.3	34.4	34.4	34.4	34.4
GE 3000	42.0	42.2	43.5	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.8	43.8	43.9	43.9	43.9	43.9
GE 2500	53.1	53.4	55.2	55.3	55.4	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.7	55.7	55.7	55.7
GE 2000	63.0	63.7	65.7	65.9	66.0	66.0	66.1	66.1	66.1	66.1	66.2	66.2	66.3	66.3	66.3	66.3
GE 1800	64.8	65.7	68.0	68.1	68.2	68.2	68.3	68.3	68.3	68.3	68.4	68.4	68.5	68.5	68.5	68.5
GE 1500	71.3	72.4	75.0	75.1	75.2	75.2	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.6	75.6	75.6
GE 1200	75.0	76.2	79.4	79.8	80.6	80.6	80.9	80.9	80.9	80.9	81.0	81.0	81.1	81.1	81.1	81.1
GE 1000	77.1	78.3	82.0	82.4	83.5	83.5	83.8	83.8	83.8	83.8	83.9	83.9	84.0	84.0	84.0	84.0
GE 900	77.5	78.9	83.2	83.8	85.3	85.4	85.7	85.7	85.7	85.7	85.8	85.8	85.9	85.9	85.9	85.9
GE 800	77.9	79.3	83.6	84.2	86.2	86.3	86.7	86.7	86.7	86.7	86.8	86.8	86.9	86.9	86.9	86.9
GE 750	78.8	80.2	84.9	85.4	87.5	87.8	88.1	88.1	88.1	88.1	88.2	88.2	88.3	88.3	88.3	88.3
GE 600	79.3	80.8	85.8	86.7	89.5	90.0	90.4	90.4	90.4	90.4	90.5	90.5	90.7	90.7	90.7	90.7
GE 500	79.6	81.1	86.9	88.3	92.0	93.1	94.1	94.2	94.2	94.2	94.3	94.3	94.4	94.4	94.4	94.4
GE 400	80.3	81.8	87.7	89.3	93.3	94.4	95.9	96.0	96.0	96.1	96.2	96.2	96.3	96.3	96.3	96.3
GE 300	80.5	82.0	88.2	89.9	94.5	95.9	97.7	98.4	98.4	98.6	98.7	98.7	99.0	99.0	99.0	99.0
GE 200	80.9	82.3	88.5	90.3	95.0	96.3	98.1	99.1	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 100	80.9	82.3	88.5	90.3	95.0	96.3	98.1	99.1	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0
GE 000	80.9	82.3	88.5	90.3	95.0	96.3	98.1	99.1	99.1	99.2	99.7	99.7	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	12.3	12.3	12.4	12.4	12.4	12.4	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 20000	13.2	13.2	13.5	13.5	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 18000	13.6	13.6	14.0	14.0	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 16000	13.8	13.8	14.1	14.1	14.1	14.1	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2	14.2
GE 14000	14.0	14.0	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 12000	14.3	14.3	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 10000	15.2	15.2	15.5	15.5	15.5	15.5	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 9000	15.4	15.4	15.8	15.8	15.8	15.8	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 8000	16.3	16.3	16.7	16.7	16.7	16.7	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 7000	17.6	17.6	17.9	17.9	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 6000	19.0	19.0	19.5	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 5000	20.0	20.0	20.5	20.5	20.5	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 4500	22.1	22.1	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 4000	26.7	26.8	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 3500	30.9	31.0	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 3000	40.5	40.6	41.7	41.8	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 2500	53.4	53.9	55.6	55.7	56.0	56.0	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 2000	62.6	63.4	65.4	65.5	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 1800	64.4	65.4	67.6	67.7	68.1	68.1	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2	68.2
GE 1500	69.8	70.9	73.4	73.6	74.3	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 1200	73.3	74.7	77.6	78.0	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5	79.5
GE 1000	73.9	75.4	78.3	78.7	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.5	80.5	80.5
GE 900	75.3	77.1	80.3	81.1	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.1	83.2	83.2	83.2
GE 800	76.6	79.0	82.2	83.0	85.0	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.3	85.5	85.5	85.5
GE 700	77.9	80.2	83.7	84.5	86.9	87.0	87.2	87.2	87.2	87.2	87.2	87.2	87.4	87.5	87.5	87.5
GE 600	78.5	81.0	85.1	86.4	89.8	90.0	90.4	90.4	90.4	90.4	90.4	90.4	90.5	90.6	90.6	90.6
GE 500	79.1	81.9	86.6	88.3	93.0	93.5	93.8	94.1	94.1	94.1	94.1	94.1	94.2	94.3	94.3	94.3
GE 400	79.6	82.4	87.2	89.1	93.8	94.4	95.2	95.4	95.5	95.9	95.9	95.9	96.0	96.1	96.2	96.2
GE 300	79.9	82.7	87.9	89.8	94.7	95.3	96.5	96.9	97.0	97.4	97.8	97.8	98.0	98.3	98.4	98.4
GE 200	80.0	83.0	88.3	90.2	95.1	95.6	97.2	98.0	98.2	98.7	99.0	99.0	99.2	99.6	99.7	99.7
GE 100	80.0	83.0	88.3	90.2	95.1	95.6	97.2	98.0	98.2	98.7	99.0	99.0	99.3	99.7	100.0	100.0
GE 000	80.0	83.0	88.3	90.2	95.1	95.6	97.2	98.0	98.2	98.7	99.0	99.0	99.3	99.7	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	12.0	12.0	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3	12.3
GE 20000	13.7	13.7	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 18000	14.6	14.6	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 16000	14.6	14.6	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 14000	14.6	14.6	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 12000	14.7	14.7	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 10000	15.6	15.6	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9	15.9
GE 9000	16.1	16.1	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 8000	16.9	16.9	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3	17.3
GE 7000	18.5	18.5	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8	18.8
GE 6000	19.6	19.6	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.2	20.3
GE 5000	20.5	20.5	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.2	21.3
GE 4500	21.4	21.5	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.3
GE 4000	24.9	25.0	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.8
GE 3500	30.9	31.0	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.7	31.8
GE 3000	41.0	41.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.8	42.9
GE 2500	53.8	54.5	55.9	56.1	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.6	56.7
GE 2000	64.3	65.6	67.4	67.7	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.6	68.7
GE 1800	66.3	67.6	69.5	69.7	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.6	70.7
GE 1500	71.7	73.5	75.6	75.8	76.4	76.5	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.8	76.9
GE 1200	74.6	76.7	79.3	79.8	80.8	80.9	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.3	81.4
GE 1000	75.6	77.8	80.6	81.3	82.3	82.4	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.7	82.8
GE 900	76.5	78.8	82.1	82.7	83.9	84.2	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.4	84.4	84.7
GE 800	76.8	79.2	82.6	83.3	84.8	85.1	85.3	85.3	85.3	85.3	85.3	85.3	85.3	85.4	85.4	85.7
GE 700	77.4	79.7	83.7	84.5	86.6	86.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.2	87.2	87.5
GE 600	78.3	80.6	85.1	86.5	87.5	89.7	90.1	90.1	90.1	90.2	90.2	90.2	90.3	90.4	90.6	90.7
GE 500	78.7	81.5	86.4	88.4	92.4	92.9	93.6	94.3	94.3	94.5	94.5	94.5	94.6	94.8	95.0	95.1
GE 400	79.4	82.2	87.2	89.2	93.2	93.6	94.4	95.1	95.1	95.3	95.3	95.3	95.4	95.5	95.8	95.9
GE 300	79.4	82.4	88.0	90.0	94.2	94.9	96.2	97.2	97.4	97.7	97.9	97.9	98.1	98.2	98.6	98.7
GE 200	79.6	82.6	88.3	90.4	94.6	95.3	96.9	97.9	98.1	98.4	98.7	98.7	98.9	99.0	99.3	99.6
GE 100	79.6	82.6	88.3	90.4	94.8	95.4	97.0	98.0	98.2	98.7	98.9	98.9	99.1	99.2	99.8	100.0
GE 000	79.6	82.6	88.3	90.4	94.8	95.4	97.0	98.0	98.2	98.7	98.9	98.9	99.1	99.2	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 897

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.8	9.8	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9	9.9
GE 20000	12.2	12.2	12.3	12.3	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4	12.4
GE 18000	13.4	13.4	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 16000	13.4	13.4	13.5	13.5	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 14000	13.8	13.8	14.0	14.0	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1	14.1
GE 12000	14.7	14.7	14.8	14.8	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 10000	15.7	15.7	15.8	15.8	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 9000	15.8	15.8	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 8000	17.3	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 7000	19.1	19.1	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 6000	20.4	20.5	20.6	20.6	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 5000	22.1	22.2	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 4500	23.1	23.2	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 4000	25.7	25.8	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0
GE 3500	30.5	30.6	30.7	30.7	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 3000	40.1	40.5	40.7	40.7	40.8	40.8	40.8	40.8	40.8	40.8	41.1	41.1	41.1	41.1	41.1	41.1
GE 2500	52.5	53.1	53.5	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.2	54.2	54.2	54.2	54.2	54.2
GE 2000	62.4	63.4	64.0	64.6	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3
GE 1800	64.6	65.7	66.4	67.1	67.6	67.6	67.6	67.6	67.6	67.6	67.9	67.9	67.9	67.9	67.9	67.9
GE 1500	72.8	74.0	75.0	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6
GE 1200	77.1	78.6	80.1	81.0	81.8	81.9	82.0	82.0	82.0	82.0	82.3	82.3	82.3	82.3	82.3	82.3
GE 1000	79.0	80.7	82.7	83.6	84.5	84.7	84.8	84.9	84.9	84.9	85.2	85.2	85.2	85.2	85.2	85.2
GE 900	80.2	82.0	84.0	85.2	86.2	86.4	86.8	86.9	86.9	86.9	87.2	87.2	87.2	87.2	87.2	87.2
GE 800	80.8	82.8	85.2	86.3	87.3	87.5	87.9	88.1	88.1	88.1	88.3	88.3	88.3	88.3	88.3	88.3
GE 700	81.1	83.3	86.3	87.5	88.6	88.8	89.5	89.7	89.8	89.8	90.1	90.1	90.1	90.1	90.1	90.1
GE 600	83.1	85.7	89.0	90.2	91.3	91.5	92.2	92.4	92.5	92.5	92.7	92.7	92.7	92.7	92.7	92.7
GE 500	83.8	86.7	90.8	92.4	93.6	94.0	94.9	95.2	95.6	95.8	96.0	96.0	96.0	96.0	96.0	96.0
GE 400	84.3	87.4	91.6	93.4	95.0	95.3	96.5	97.2	97.7	97.8	98.1	98.1	98.1	98.1	98.1	98.1
GE 300	84.3	87.4	91.6	93.4	95.1	95.4	96.8	97.8	98.2	98.4	98.8	98.8	98.8	99.0	99.2	99.2
GE 200	84.4	87.5	91.7	93.5	95.2	95.5	97.1	98.1	98.5	98.9	99.2	99.2	99.3	99.7	99.9	99.9
GE 100	84.4	87.5	91.7	93.5	95.2	95.5	97.1	98.1	98.5	98.9	99.3	99.3	99.4	99.8	100.0	100.0
GE 000	84.4	87.5	91.7	93.5	95.2	95.5	97.1	98.1	98.5	98.9	99.3	99.3	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6	7.6
GE 20000	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4
GE 18000	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 16000	12.9	12.9	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0	13.0
GE 14000	13.0	13.0	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1	13.1
GE 12000	13.6	13.6	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 10000	15.2	15.2	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3	15.3
GE 9000	15.9	15.9	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
GE 8000	17.7	17.7	17.9	17.9	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0	18.0
GE 7000	19.7	19.7	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 6000	21.8	21.8	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 5000	23.3	23.3	23.5	23.5	23.6	23.6	2.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 4500	24.4	24.4	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 4000	26.4	26.5	26.7	26.7	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8	26.8
GE 3500	31.9	32.0	32.2	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 3000	41.4	41.6	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 2500	54.4	54.7	55.4	55.6	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 2000	63.4	63.9	64.7	64.9	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 1800	65.1	65.5	66.3	66.6	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
GE 1500	74.0	74.6	75.8	76.1	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.8	77.1	77.1	77.1	77.1
GE 1200	80.3	81.0	82.8	83.1	83.8	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.2	84.2	84.2	84.2
GE 1000	84.0	84.8	86.9	87.4	88.3	88.5	88.6	88.6	88.6	88.6	88.6	88.6	88.8	88.8	88.8	88.8
GE 900	84.7	85.7	87.8	88.3	89.3	89.5	89.8	89.8	89.8	89.8	89.8	89.8	90.0	90.0	90.0	90.0
GE 800	85.5	86.6	88.8	89.3	90.4	90.6	90.9	90.9	90.9	90.9	90.9	90.9	91.2	91.2	91.2	91.2
GE 700	86.9	88.0	90.4	91.1	92.8	93.2	93.7	93.7	93.7	93.7	93.7	93.7	94.0	94.0	94.0	94.0
GE 600	87.7	88.8	91.8	92.6	94.5	95.0	96.0	96.1	96.1	96.2	96.2	96.2	96.4	96.4	96.4	96.4
GE 500	88.3	89.5	93.0	94.1	96.2	96.8	98.0	98.3	98.3	98.4	98.4	98.4	98.7	98.7	98.7	98.7
GE 400	88.3	89.6	93.2	94.3	96.5	97.1	98.5	98.9	98.9	99.1	99.1	99.1	99.3	99.3	99.3	99.3
GE 300	88.3	89.6	93.2	94.3	96.6	97.2	98.7	99.0	99.0	99.2	99.2	99.2	99.7	99.7	99.8	99.8
GE 200	88.3	89.6	93.2	94.3	96.6	97.2	98.7	99.0	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0
GE 100	88.3	89.6	93.2	94.3	96.6	97.2	98.7	99.0	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0
GE 000	88.3	89.6	93.2	94.3	96.6	97.2	98.7	99.0	99.0	99.3	99.3	99.3	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4	9.4
GE 20000	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5	12.5
GE 18000	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 16000	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 14000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 12000	14.8	14.8	14.8	14.8	14.8	14.3	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 10000	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 9000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 8000	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 7000	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4
GE 6000	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 5000	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 4500	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 4000	27.5	27.8	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 3500	31.8	32.2	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 3000	42.5	43.0	43.2	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
GE 2500	55.7	56.1	56.7	56.9	56.9	56.9	56.9	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 2000	65.4	66.3	67.0	67.4	67.5	67.5	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1800	67.3	68.2	69.0	69.5	69.6	69.6	69.6	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 1500	74.9	75.8	76.8	77.4	77.8	77.8	78.0	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 1200	80.0	81.2	82.4	83.5	84.4	84.4	84.9	85.0	85.0	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 1000	82.5	83.9	85.3	86.4	87.3	87.3	87.8	88.0	88.0	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 900	83.6	85.2	87.2	88.5	89.6	89.6	90.2	90.4	90.4	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 800	84.1	85.7	87.9	89.8	91.0	91.0	91.5	91.8	91.8	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 700	85.0	87.0	89.3	91.3	92.7	92.7	93.3	93.7	93.7	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 600	85.7	87.8	90.2	92.4	93.9	93.9	94.5	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 500	86.5	88.6	91.2	93.8	95.8	95.8	96.9	97.4	97.6	98.1	98.2	98.2	98.2	98.2	98.2	98.2
GE 400	86.6	88.9	91.4	94.0	96.2	96.2	97.4	98.0	98.1	98.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	86.6	88.9	91.4	94.0	96.2	96.3	97.6	98.1	98.2	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 200	86.6	88.9	91.4	94.0	96.3	96.4	97.8	98.3	98.4	99.2	99.4	99.4	99.8	99.8	99.9	99.9
GE 100	86.6	88.9	91.4	94.0	96.3	96.4	97.8	98.3	98.4	99.2	99.4	99.4	99.8	99.8	99.9	99.9
GE 000	86.6	88.9	91.4	94.0	96.3	96.4	97.8	98.3	98.4	99.2	99.4	99.4	99.8	99.8	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3	11.3
GE 20000	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 18000	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5	14.5
GE 16000	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0	15.0
GE 14000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 12000	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4	15.4
GE 10000	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4	16.4
GE 9000	16.7	16.7	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 8000	18.2	18.2	18.3	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 7000	19.9	19.9	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1
GE 6000	22.7	22.7	22.8	22.9	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 5000	24.4	24.5	24.6	24.7	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 4500	26.5	26.6	26.7	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 4000	29.2	29.3	29.4	29.8	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
GE 3500	33.6	33.9	34.2	34.6	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 3000	44.1	44.4	44.9	45.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 2500	54.8	55.1	55.9	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 2000	64.0	64.7	65.9	66.6	67.0	67.2	67.4	67.4	67.4	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 1800	66.3	67.0	68.2	69.1	69.7	69.9	70.1	70.1	70.1	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 1500	72.1	73.2	75.1	76.1	77.0	77.2	77.4	77.4	77.4	77.7	77.7	77.7	77.7	77.7	77.7	77.7
GE 1200	75.7	77.0	79.3	80.8	81.9	82.1	82.6	82.6	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 1000	79.2	80.5	83.0	84.7	85.9	86.1	86.9	86.9	86.9	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 900	80.2	81.5	84.5	86.5	87.9	88.1	88.9	89.0	89.0	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 800	80.6	82.0	85.0	87.4	88.9	89.3	90.2	90.3	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 700	81.3	82.7	85.7	88.3	90.3	90.8	91.7	91.9	91.9	92.4	92.4	92.4	92.4	92.4	92.4	92.4
GE 600	82.1	83.6	86.9	90.2	92.6	93.2	94.1	94.9	94.9	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 500	82.6	84.0	87.6	90.9	93.7	94.9	96.1	97.3	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 400	82.7	84.1	87.7	91.1	94.0	95.2	96.4	97.7	97.7	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 300	82.7	84.1	87.7	91.1	94.2	95.4	96.9	98.1	98.2	98.8	99.0	99.0	99.2	99.2	99.2	99.2
GE 200	82.7	84.1	87.7	91.1	94.2	95.4	97.0	98.2	98.3	99.0	99.2	99.2	99.8	99.8	100.0	100.0
GE 100	82.7	84.1	87.7	91.1	94.2	95.4	97.0	98.2	98.3	99.0	99.2	99.2	99.8	99.9	100.0	100.0
GE 000	82.7	84.1	87.7	91.1	94.2	95.4	97.0	98.2	98.3	99.0	99.2	99.2	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	13.7	13.7	13.7	13.7	13.7	13.7	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8	13.8
GE 20000	14.3	14.3	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 18000	14.5	14.5	14.5	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 16000	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9	14.9
GE 14000	15.0	15.0	15.0	15.0	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 12000	15.4	15.4	15.4	15.4	15.4	15.4	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5	15.5
GE 10000	16.0	16.0	16.0	16.0	16.0	16.0	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 9000	16.6	16.6	16.6	16.7	16.7	16.7	16.8	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9	16.9
GE 8000	17.5	17.5	17.5	17.6	17.6	17.6	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 7000	19.0	19.0	19.0	19.4	19.4	19.4	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 6000	21.3	21.3	21.3	21.7	21.7	21.7	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 5000	22.2	22.2	22.2	22.6	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 4500	23.3	23.3	23.4	23.8	23.8	23.8	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 4000	28.7	28.8	29.0	29.4	29.4	29.4	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 3500	32.6	33.0	33.2	33.6	33.6	33.6	33.7	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 3000	44.2	44.8	45.5	46.2	46.2	46.3	46.4	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5	46.5
GE 2500	55.8	56.5	57.6	58.4	58.4	58.6	58.8	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9	58.9
GE 2000	64.7	65.5	66.7	67.7	67.7	68.0	68.3	68.4	68.4	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 1800	66.6	67.5	68.8	69.8	69.9	70.3	70.5	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 1500	72.5	73.6	75.9	77.4	77.7	78.1	78.3	78.4	78.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 1200	75.9	77.1	80.3	82.0	82.5	83.1	83.4	83.5	83.5	83.6	83.6	83.6	83.6	83.6	83.6	83.6
GE 1000	78.0	79.2	82.6	84.4	85.1	85.6	86.0	86.1	86.3	86.4	86.4	86.4	86.4	86.4	86.4	86.4
GE 900	79.0	80.2	83.7	85.5	86.6	87.2	87.5	87.6	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 800	79.4	80.6	84.5	86.3	87.5	88.1	88.5	88.6	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 700	80.1	81.4	85.4	87.2	88.8	89.4	89.9	90.0	90.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 600	80.6	82.0	86.3	88.3	90.1	90.9	91.5	91.6	91.9	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 500	80.8	82.6	87.3	89.5	91.5	93.4	94.5	95.0	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 400	81.2	83.0	87.6	90.1	92.2	94.2	96.3	97.0	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 300	81.2	83.0	87.9	90.5	92.7	94.7	96.9	97.9	98.2	98.4	98.7	98.9	99.0	99.0	99.0	99.0
GE 200	81.2	83.0	87.9	90.5	92.9	94.9	97.1	98.1	98.4	98.7	98.9	99.1	99.2	99.4	99.8	99.9
GE 100	81.2	83.0	87.9	90.5	92.9	94.9	97.1	98.1	98.4	98.7	98.9	99.1	99.2	99.6	99.9	100.0
GE 000	81.2	83.0	87.9	90.5	92.9	94.9	97.1	98.1	98.4	98.7	98.9	99.1	99.2	99.6	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	11.3	11.3	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.4	11.5	11.5	11.5	11.5
GE 20000	13.3	13.3	13.4	1.4	13.4	13.4	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5	13.5
GE 18000	14.2	14.2	14.3	14.3	14.3	14.3	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4	14.4
GE 16000	14.4	14.4	14.5	14.5	14.5	14.5	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6	14.6
GE 14000	14.5	14.5	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.7	14.8	14.8	14.8	14.8
GE 12000	15.0	15.0	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.2	15.2	15.2	15.2	15.2	15.2
GE 10000	16.0	16.0	16.1	16.1	16.1	16.1	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2	16.2
GE 9000	16.3	16.3	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5
GE 8000	17.3	17.4	17.5	17.5	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.6	17.7	17.7	17.7	17.7
GE 7000	18.9	18.9	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3
GE 6000	21.0	21.0	21.2	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 5000	22.3	22.3	22.5	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8
GE 4500	23.7	23.7	23.9	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2
GE 4000	27.2	27.4	27.6	27.7	27.8	27.8	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 3500	32.0	32.2	32.5	32.6	32.6	32.6	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.7	32.8
GE 3000	42.0	42.3	43.0	43.2	43.3	43.3	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.5
GE 2500	54.2	54.7	55.7	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4	56.4	56.4
GE 2000	63.7	64.5	65.9	66.3	66.6	66.7	66.7	66.8	66.8	66.8	66.8	66.8	66.9	66.9	66.9	66.9
GE 1800	65.7	66.6	68.0	68.4	68.8	68.9	68.9	69.0	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.1
GE 1500	72.4	73.5	75.3	75.9	76.4	76.5	76.7	76.7	76.7	76.8	76.8	76.8	76.8	76.8	76.9	76.9
GE 1200	76.5	77.8	80.2	81.0	81.9	82.0	82.3	82.3	82.3	82.4	82.4	82.4	82.5	82.5	82.5	82.5
GE 1000	78.7	80.1	82.7	83.6	84.0	84.8	85.1	85.1	85.2	85.3	85.3	85.3	85.4	85.4	85.4	85.4
GE 900	79.6	81.2	84.1	85.2	86.5	86.7	87.0	87.1	87.1	87.2	87.3	87.3	87.4	87.4	87.4	87.4
GE 800	80.2	81.9	85.0	86.2	87.6	87.9	88.3	88.4	88.4	88.5	88.5	88.5	88.6	88.6	88.6	88.7
GE 700	81.0	82.8	86.2	87.5	89.3	89.6	90.1	90.2	90.2	90.3	90.4	90.4	90.4	90.5	90.5	90.5
GE 600	81.9	83.8	87.5	89.1	91.4	91.8	92.4	92.6	92.6	92.8	92.8	92.8	92.9	92.9	92.9	93.0
GE 500	82.4	84.5	88.7	90.7	93.5	94.3	95.2	95.7	95.8	96.0	96.1	96.1	96.2	96.2	96.2	96.2
GE 400	82.8	84.9	89.2	91.3	94.3	95.1	96.3	96.9	97.0	97.3	97.4	97.4	97.4	97.5	97.5	97.5
GE 300	82.8	85.0	89.5	91.6	94.8	95.6	97.1	97.9	98.1	98.4	98.6	98.6	98.9	98.9	99.0	99.1
GE 200	82.9	85.1	89.6	91.8	95.0	95.8	97.5	98.3	98.5	98.9	99.2	99.2	99.5	99.6	99.8	99.9
GE 100	82.9	85.1	89.6	91.8	95.0	95.9	97.5	98.4	98.5	99.0	99.2	99.2	99.6	99.7	99.9	100.0
GE 000	82.9	85.1	89.6	91.8	95.0	95.9	97.5	98.4	98.5	99.0	99.2	99.2	99.6	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 7170

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 20000	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 18000	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 16000	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 14000	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 12000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 10000	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5
GE 9000	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
GE 8000	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 7000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 6000	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7	29.7
GE 5000	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 4500	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3	32.3
GE 4000	35.4	35.5	35.5	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6	35.6
GE 3500	40.5	40.6	40.7	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 3000	52.5	52.8	53.6	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 2500	63.6	64.2	65.4	65.9	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 2000	75.7	76.5	78.2	78.7	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1800	78.2	79.1	80.8	81.3	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 1500	82.4	83.8	86.4	87.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	85.3	86.8	89.8	90.7	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1000	85.5	87.1	90.2	91.4	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 900	85.7	87.2	90.6	92.0	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 800	85.9	87.4	91.3	92.7	94.6	94.6	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 700	85.9	87.4	91.4	92.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 600	86.2	87.8	92.1	93.5	95.8	95.8	96.2	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 500	87.4	89.0	93.7	95.5	98.1	98.1	98.8	98.9	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	87.4	89.0	93.7	95.5	98.3	98.3	99.0	99.1	99.1	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	87.4	89.0	94.0	95.7	98.5	98.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	87.4	89.0	94.0	95.7	98.5	98.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	87.4	89.0	94.0	95.7	98.5	98.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	87.4	89.0	94.0	95.7	98.5	98.5	99.4	99.5	99.5	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 20000	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 18000	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 16000	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1	23.1
GE 14000	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6	23.6
GE 12000	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8
GE 10000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 9000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 8000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 7000	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 6000	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 5000	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 4500	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8	30.8
GE 4000	33.2	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
GE 3500	37.3	37.3	37.4	37.4	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
GE 3000	51.1	51.1	51.7	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 2500	63.7	63.7	64.5	64.5	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 2000	76.0	76.3	77.7	77.9	78.7	78.7	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9	78.9	78.9
GE 1800	79.1	79.4	80.8	81.3	82.0	82.0	82.1	82.1	82.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 1500	82.9	83.4	85.9	86.5	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	86.3	87.0	89.8	90.4	92.0	92.0	92.2	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1000	87.2	87.9	91.1	91.7	93.4	93.4	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 900	87.4	88.1	91.5	92.1	94.1	94.1	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 800	87.7	88.5	92.2	92.9	94.8	94.9	95.2	95.2	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 700	88.4	89.1	92.9	93.5	95.6	95.7	95.9	95.9	95.9	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 600	88.7	89.4	93.4	94.2	96.2	96.3	96.9	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 500	89.7	90.4	94.5	95.5	98.1	98.2	98.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	89.7	90.4	94.6	95.6	98.4	98.5	99.0	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	89.7	90.4	94.6	95.6	98.4	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	89.7	90.4	94.6	95.6	98.4	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.8	99.8	99.9
GE 100	89.7	90.4	94.6	95.6	98.4	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0
GE 000	89.7	90.4	94.6	95.6	98.4	98.5	99.2	99.5	99.5	99.7	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.9	18.9	19.2	19.2	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 20000	20.0	20.0	20.4	20.5	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 18000	20.8	20.8	21.1	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3
GE 16000	20.9	20.9	21.2	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 14000	21.1	21.1	21.4	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 12000	21.1	21.1	21.4	21.6	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 10000	21.7	21.7	22.0	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 9000	22.1	22.1	22.4	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 8000	23.5	23.5	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 7000	24.1	24.1	24.5	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 6000	26.1	26.1	26.4	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 5000	26.8	26.8	27.2	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4
GE 4500	28.8	28.8	29.1	29.2	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3	29.3
GE 4000	31.4	31.4	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 3500	35.9	35.9	36.4	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 3000	48.8	48.9	49.6	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 2500	65.1	65.2	66.2	66.3	66.5	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 2000	78.3	78.7	80.3	80.5	81.1	81.3	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5	81.5
GE 1800	80.1	80.5	82.2	82.4	83.1	83.2	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 1500	84.9	85.7	88.1	88.6	89.5	89.7	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1200	88.4	89.1	92.0	92.6	94.0	94.1	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	89.2	90.1	93.2	93.9	95.4	95.5	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	89.7	90.6	93.8	94.6	96.1	96.2	96.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	89.7	90.6	93.9	94.7	96.4	96.6	96.9	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 700	89.9	90.8	94.1	95.0	96.9	97.0	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 600	89.9	90.8	94.1	95.3	97.1	97.2	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 500	90.2	91.2	94.7	96.0	98.2	98.3	99.0	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	90.2	91.2	94.9	96.2	98.4	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 300	90.2	91.2	94.9	96.2	98.4	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	90.2	91.2	94.9	96.2	98.4	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 100	90.2	91.2	94.9	96.2	98.4	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0
GE 000	90.2	91.2	94.9	96.2	98.4	98.5	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE REQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 20000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 18000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 16000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 14000	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 12000	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 10000	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3	23.3
GE 9000	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 8000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 7000	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 6000	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 5000	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.8
GE 4500	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1	32.1
GE 4000	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2	34.2
GE 3500	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 3000	50.4	50.5	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 2500	64.8	65.0	65.8	65.9	65.9	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 2000	76.9	77.1	78.4	78.9	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 1800	79.0	79.4	81.0	81.6	81.7	81.7	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
GE 1500	85.5	86.0	88.3	89.3	89.7	89.7	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1200	87.6	88.1	91.3	92.5	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1000	88.7	89.2	92.4	94.0	95.2	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 900	88.9	89.4	93.0	94.8	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	89.1	89.7	93.3	95.4	96.8	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	89.6	90.3	94.1	96.1	97.8	97.8	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	89.7	90.5	94.3	96.4	98.4	98.4	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	89.7	90.6	94.4	96.5	98.8	98.8	99.6	99.7	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
GE 400	89.7	90.6	94.4	96.5	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	89.7	90.6	94.4	96.5	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	89.7	90.6	94.4	96.5	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	89.7	90.6	94.4	96.5	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	89.7	90.6	94.4	96.5	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7	15.7
GE 20000	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0	19.0
GE 18000	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 16000	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 14000	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 12000	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 10000	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6	21.6
GE 9000	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7
GE 8000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 7000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 6000	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 5000	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3
GE 4500	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9
GE 4000	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 3500	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9	39.9
GE 3000	50.7	50.8	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9	50.9
GE 2500	63.5	63.7	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 2000	77.3	77.9	78.5	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.9	78.9	78.9	78.9	78.9
GE 1800	80.1	80.9	81.5	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.9	81.9	81.9	81.9	81.9
GE 1500	86.3	87.0	88.5	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.1	89.1	89.2	89.2	89.2	89.2
GE 1200	89.7	90.7	93.0	93.6	93.6	93.7	93.7	93.7	93.7	93.7	93.7	93.8	93.8	93.9	93.9	93.9
GE 1000	91.0	92.1	94.9	96.2	96.5	96.8	96.8	96.8	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0
GE 900	91.1	92.2	95.2	96.5	96.9	97.2	97.2	97.2	97.2	97.2	97.3	97.3	97.4	97.4	97.4	97.4
GE 800	91.4	92.5	95.7	97.0	97.3	97.6	97.6	97.7	97.7	97.7	97.8	97.8	97.9	97.9	97.9	97.9
GE 700	91.5	92.8	95.9	97.2	97.5	97.9	97.9	98.1	98.1	98.1	98.2	98.2	98.3	98.3	98.3	98.3
GE 600	92.0	93.3	96.4	97.8	98.2	98.6	98.6	98.7	98.7	98.8	99.0	99.0	99.1	99.1	99.1	99.1
GE 500	92.0	93.3	96.5	97.9	98.4	98.8	98.8	98.9	98.9	99.1	99.5	99.5	99.6	99.6	99.6	99.6
GE 400	92.2	93.5	96.8	98.2	98.7	99.1	99.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9
GE 300	92.2	93.5	96.8	98.2	98.7	99.1	99.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	92.2	93.5	96.8	98.2	98.7	99.1	99.1	99.2	99.2	99.5	99.8	99.8	99.9	99.9	99.9	99.9
GE 100	92.2	93.5	96.8	98.2	98.7	99.1	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	92.2	93.5	96.8	98.2	98.7	99.1	99.2	99.4	99.4	99.6	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6	13.6
GE 20000	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9	17.9
GE 18000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 16000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 14000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 12000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 10000	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 9000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 8000	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 7000	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 6000	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6	25.6
GE 5000	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 4500	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7	27.7
GE 4000	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 3500	36.2	36.2	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4	36.4
GE 3000	47.4	47.4	47.5	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
GE 2500	63.0	63.2	63.4	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 2000	76.3	76.8	77.7	77.9	78.0	78.0	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
GE 1800	78.9	79.4	80.6	80.9	81.0	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 1500	85.1	85.8	87.4	87.8	88.0	88.1	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	89.5	90.1	92.6	93.2	93.7	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1000	90.5	91.5	94.2	94.8	96.0	96.1	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 900	90.7	91.7	94.4	95.0	96.2	96.3	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 800	90.9	91.9	94.6	95.3	96.4	96.5	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	91.4	92.6	95.3	96.1	97.5	97.6	98.1	98.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 600	91.5	92.7	95.4	96.2	97.6	97.7	98.3	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	91.8	93.2	96.0	97.0	98.8	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	91.8	93.2	96.0	97.0	98.8	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	91.8	93.2	96.0	97.0	98.8	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	91.8	93.2	96.0	97.0	98.8	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	91.8	93.2	96.0	97.0	98.8	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	91.8	93.2	96.0	97.0	98.8	98.9	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3	14.3
GE 20000	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8	16.8
GE 18000	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 16000	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 14000	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 12000	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 10000	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 9000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 8000	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 7000	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 6000	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9
GE 5000	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7	25.7
GE 4500	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3	27.3
GE 4000	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 3500	36.5	36.5	36.5	36.5	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 3000	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 2500	62.4	62.5	63.4	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 2000	74.3	74.7	76.9	77.2	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 1800	77.3	77.8	80.2	80.8	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 1500	82.8	83.6	86.4	87.5	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1200	86.0	87.4	90.7	92.0	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	87.2	88.6	92.1	93.4	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	87.6	89.1	92.8	94.1	95.5	95.6	95.6	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 800	87.8	89.3	93.1	94.4	96.0	96.1	96.2	96.4	96.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	88.1	89.6	93.4	94.8	96.4	96.6	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	88.1	89.6	93.4	94.8	96.4	96.6	96.9	97.3	97.3	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 500	88.2	89.8	93.8	95.2	97.2	97.3	97.7	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	88.2	90.0	94.1	95.5	97.5	97.7	98.2	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	88.2	90.0	94.1	95.5	97.5	97.7	98.2	98.8	98.8	99.6	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	88.2	90.0	94.1	95.5	97.5	97.7	98.2	98.8	98.8	99.6	99.8	99.8	99.8	99.9	99.9	99.9
GE 100	88.2	90.0	94.1	95.5	97.5	97.7	98.2	98.8	98.8	99.6	99.8	99.8	99.8	99.9	99.9	100.0
GE 000	88.2	90.0	94.1	95.5	97.5	97.7	98.2	98.8	98.8	99.6	99.8	99.8	99.8	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 929

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 20000	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 18000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 16000	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 14000	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5	18.5
GE 12000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 10000	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6
GE 9000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 8000	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1
GE 7000	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 6000	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3
GE 5000	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1
GE 4500	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1	28.1
GE 4000	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 3500	35.4	35.4	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 3000	48.4	48.5	48.6	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 2500	62.8	62.9	63.5	63.7	63.8	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 2000	73.3	73.7	75.0	75.7	75.8	75.8	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9	75.9
GE 1800	75.5	75.9	77.9	78.8	79.2	79.2	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 1500	82.6	83.6	87.4	89.0	89.4	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1200	84.6	85.9	90.3	92.1	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	85.1	86.4	90.8	92.8	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.6	93.6	93.6
GE 900	85.8	87.2	91.9	93.8	94.4	94.4	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.7	94.7	94.7
GE 800	85.9	87.5	92.2	94.2	94.8	94.8	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.2	95.2	95.2
GE 700	85.9	87.6	92.3	94.4	95.1	95.1	95.5	95.6	95.6	95.6	95.6	95.6	95.6	95.7	95.7	95.7
GE 600	85.9	87.6	92.5	95.0	96.0	96.0	96.5	96.9	96.9	96.9	96.9	96.9	96.9	97.1	97.1	97.2
GE 500	86.2	88.1	93.3	96.1	97.5	97.5	98.2	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.1
GE 400	86.2	88.1	93.3	96.1	97.5	97.5	98.2	98.6	98.6	98.8	98.8	98.8	98.8	99.0	99.0	99.1
GE 300	86.4	88.4	93.6	96.4	98.2	98.2	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.8	99.9
GE 200	86.4	88.4	93.6	96.4	98.2	98.2	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.8	100.0
GE 100	86.4	88.4	93.6	96.4	98.2	98.2	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.8	100.0
GE 000	86.4	88.4	93.6	96.4	98.2	98.2	98.8	99.2	99.2	99.5	99.5	99.5	99.5	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5
GE 20000	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7
GE 18000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 16000	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 14000	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1	21.1
GE 12000	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 10000	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 9000	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0	23.0
GE 8000	24.1	24.1	24.1	24.1	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2	24.2
GE 7000	25.1	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2
GE 6000	27.1	27.1	27.1	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2	27.2
GE 5000	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4
GE 4500	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9	29.9
GE 4000	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
GE 3500	37.5	37.6	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8	37.8
GE 3000	49.8	49.9	50.3	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 2500	63.6	63.8	64.5	64.7	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 2000	76.0	76.5	77.8	78.2	78.6	78.6	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 1800	78.5	79.0	80.6	81.1	81.5	81.6	81.6	81.6	81.6	81.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	84.1	84.9	87.3	88.1	88.7	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	87.2	88.1	91.2	92.2	93.1	93.2	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1000	88.1	89.1	92.4	93.5	94.7	94.8	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 900	88.4	89.5	92.9	94.1	95.4	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.8	95.8	95.8
GE 800	88.6	89.7	93.3	94.6	95.9	96.0	96.3	96.3	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 700	88.8	90.0	93.7	95.0	96.5	96.6	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
GE 600	89.0	90.2	94.0	95.4	97.0	97.1	97.5	97.7	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9
GE 500	89.4	90.7	94.6	96.2	98.1	98.2	98.8	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4
GE 400	89.4	90.7	94.7	96.3	98.3	98.4	99.0	99.3	99.3	99.6	99.6	99.6	99.7	99.7	99.7	99.7
GE 300	89.4	90.8	94.8	96.4	98.4	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
GE 200	89.4	90.8	94.8	96.4	98.4	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	99.9	100.0
GE 100	89.4	90.8	94.8	96.4	98.4	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0
GE 000	89.4	90.8	94.8	96.4	98.4	98.5	99.1	99.5	99.5	99.7	99.8	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 7415

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	22.9	22.9	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3	23.3
GE 20000	23.5	23.5	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8	23.8	23.8
GE 18000	23.7	23.7	23.8	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0
GE 16000	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
GE 14000	23.8	23.8	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2	24.2	24.2
GE 12000	24.0	24.0	24.2	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.3	24.4	24.4	24.4	24.4
GE 10000	24.9	24.9	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3
GE 9000	25.6	25.6	25.7	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	26.0	26.0	26.0	26.0
GE 8000	26.8	26.8	27.0	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.1	27.2	27.2	27.2	27.2
GE 7000	27.9	27.9	28.0	28.2	28.2	28.2	28.3	28.3	28.3	28.3	28.3	28.3	28.4	28.4	28.4	28.4
GE 6000	29.9	30.0	30.2	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8
GE 5000	30.2	30.3	30.6	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3	31.3
GE 4500	31.7	31.8	32.1	32.6	32.7	32.7	32.8	32.8	32.8	32.8	32.8	32.8	32.9	32.9	32.9	32.9
GE 4000	34.3	34.5	34.8	35.2	35.3	35.3	35.5	35.5	35.5	35.5	35.5	35.5	35.7	35.7	35.7	35.7
GE 3500	38.5	38.8	39.4	40.0	40.2	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.5	40.5	40.5	40.5
GE 3000	49.2	50.0	51.5	52.1	52.2	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.7	52.7	52.7	52.7
GE 2500	59.6	60.5	62.8	64.1	64.7	64.9	65.0	65.0	65.0	65.1	65.2	65.2	65.5	65.5	65.5	65.5
GE 2000	69.4	71.0	73.8	75.5	76.4	76.6	76.8	76.8	76.8	77.0	77.1	77.1	77.4	77.4	77.4	77.4
GE 1800	70.7	72.4	75.6	77.3	78.4	78.6	78.9	78.9	78.9	79.0	79.1	79.1	79.4	79.4	79.4	79.4
GE 1500	74.9	77.0	81.0	83.4	85.1	85.3	85.8	85.8	85.8	86.0	86.1	86.1	86.5	86.5	86.5	86.5
GE 1200	79.1	81.4	85.8	88.7	91.7	91.9	92.5	92.5	92.5	92.8	93.0	93.0	93.3	93.3	93.3	93.3
GE 1000	80.5	82.9	87.4	90.3	93.6	93.8	94.4	94.4	94.4	94.9	95.2	95.2	95.5	95.5	95.5	95.5
GE 900	81.0	83.4	87.9	90.8	94.3	94.5	95.1	95.1	95.1	95.5	95.9	95.9	96.2	96.2	96.2	96.2
GE 800	81.0	83.4	88.1	91.1	94.6	94.9	95.4	95.4	95.4	95.9	96.2	96.2	96.5	96.5	96.5	96.5
GE 700	81.0	83.4	88.3	91.3	94.9	95.1	95.7	95.9	95.9	96.3	96.6	96.6	97.0	97.0	97.0	97.0
GE 600	81.2	83.7	88.6	91.7	95.4	95.6	96.3	96.4	96.4	96.9	97.2	97.2	97.5	97.5	97.5	97.5
GE 500	81.2	83.9	89.1	92.4	96.4	96.6	97.9	98.0	98.0	98.5	98.9	99.0	99.3	99.3	99.3	99.3
GE 400	81.2	83.9	89.3	92.5	96.5	96.8	98.0	98.1	98.1	98.8	99.1	99.2	99.7	99.7	99.7	99.7
GE 300	81.2	83.9	89.3	92.5	96.5	96.8	98.0	98.1	98.1	98.8	99.1	99.2	99.7	99.7	99.7	99.7
GE 200	81.2	83.9	89.3	92.5	96.5	96.8	98.0	98.1	98.1	98.8	99.1	99.2	99.7	99.7	99.7	99.7
GE 100	81.2	83.9	89.3	92.5	96.5	96.8	98.0	98.1	98.1	98.8	99.1	99.2	99.7	99.7	99.8	99.8
GE 000	81.2	83.9	89.3	92.5	96.5	96.8	98.0	98.1	98.1	98.8	99.1	99.2	99.7	99.7	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.2	21.2	21.2	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.3	21.4	21.4	21.4
GE 20000	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3
GE 18000	22.4	22.4	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.6	22.6	22.6
GE 16000	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9
GE 14000	23.1	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3
GE 12000	23.3	23.3	23.3	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.5	23.5	23.5
GE 10000	23.7	23.7	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.9	23.9	23.9
GE 9000	24.3	24.3	24.3	24.4	24.5	24.5	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.7	24.7	24.7
GE 8000	24.9	24.9	24.9	25.1	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.4	25.4	25.4
GE 7000	26.6	26.6	26.7	27.2	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5	27.5	27.6	27.6	27.6
GE 6000	29.1	29.1	29.5	30.0	30.2	30.2	30.3	30.3	30.3	30.5	30.5	30.5	30.5	30.6	30.6	30.6
GE 5000	29.5	29.6	30.1	30.5	30.8	30.8	31.0	31.0	31.0	31.2	31.2	31.2	31.2	31.3	31.3	31.3
GE 4500	31.2	31.3	31.8	32.3	32.6	32.6	32.7	32.7	32.7	33.1	33.1	33.1	33.1	33.2	33.2	33.2
GE 4000	32.7	32.9	33.4	33.9	34.3	34.3	34.4	34.4	34.4	35.0	35.0	35.0	35.0	35.1	35.1	35.1
GE 3500	38.9	39.0	39.6	40.2	40.8	40.8	40.9	40.9	40.9	41.4	41.4	41.4	41.4	41.5	41.5	41.5
GE 3000	49.4	49.7	50.9	51.8	52.8	52.8	52.9	52.9	52.9	53.5	53.5	53.5	53.5	53.6	53.6	53.6
GE 2500	58.7	59.2	61.7	62.9	64.4	64.5	64.6	64.7	64.7	65.4	65.4	65.4	65.4	65.5	65.5	65.5
GE 2000	67.8	68.5	71.9	73.4	75.1	75.2	75.5	75.7	75.7	76.4	76.4	76.4	76.4	76.5	76.5	76.5
GE 1800	69.5	70.4	73.9	75.4	77.1	77.2	77.5	77.7	77.7	78.4	78.4	78.4	78.4	78.5	78.5	78.5
GE 1500	75.6	77.2	81.6	83.1	85.1	85.3	85.7	86.0	86.0	86.6	86.6	86.6	86.6	86.7	86.7	86.7
GE 1200	78.8	80.6	85.5	87.4	89.8	90.0	90.5	91.0	91.0	92.0	92.1	92.1	92.1	92.2	92.2	92.2
GE 1000	80.0	81.7	86.9	88.8	91.2	91.4	92.0	92.5	92.5	93.7	93.8	93.8	93.8	93.9	93.9	93.9
GE 900	80.1	81.8	87.3	89.2	91.8	92.0	92.5	93.3	93.4	94.5	94.7	94.7	94.7	94.8	94.8	94.8
GE 800	80.1	81.8	87.3	89.2	91.8	92.0	92.5	93.3	93.4	94.5	94.7	94.7	94.7	94.9	94.9	94.9
GE 700	80.2	82.0	87.5	89.6	92.3	92.8	93.3	94.1	94.3	95.4	95.5	95.5	95.5	95.8	95.8	95.8
GE 600	80.3	82.4	88.2	90.4	93.1	93.5	94.1	94.9	95.1	96.2	96.3	96.3	96.3	96.5	96.5	96.5
GE 500	80.3	82.9	89.1	91.8	95.1	95.5	96.5	97.3	97.6	98.7	98.9	98.9	98.9	99.1	99.1	99.1
GE 400	80.3	82.9	89.1	91.8	95.1	95.5	96.7	97.4	97.7	98.8	99.0	99.0	99.2	99.4	99.4	99.4
GE 300	80.3	82.9	89.1	91.9	95.2	95.7	96.8	97.6	97.8	98.9	99.1	99.1	99.3	99.6	99.6	99.7
GE 200	80.3	82.9	89.1	91.9	95.2	95.7	96.8	97.6	97.8	98.9	99.1	99.1	99.3	99.6	99.6	99.7
GE 100	80.3	82.9	89.1	91.9	95.2	95.7	96.8	97.6	97.8	98.9	99.1	99.1	99.3	99.6	99.6	99.7
GE 000	80.3	82.9	89.1	91.9	95.2	95.7	96.8	97.6	97.8	98.9	99.1	99.1	99.3	99.6	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 898

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	21.6	21.8	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.2	22.2
GE 20000	22.1	22.3	22.6	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8
GE 18000	23.1	23.4	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8	23.8
GE 16000	23.1	23.4	23.6	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.8	23.8	23.8
GE 14000	23.2	23.5	23.7	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.8	23.9	23.9	23.9
GE 12000	23.6	23.8	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.2	24.2	24.2
GE 10000	24.2	24.5	24.7	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9
GE 9000	24.5	24.7	25.0	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.4	25.4
GE 8000	24.7	24.9	25.3	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6	25.6	25.6
GE 7000	27.3	27.6	28.0	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5
GE 6000	29.8	30.3	30.7	31.1	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.3	31.3	31.3
GE 5000	31.5	32.0	32.4	32.7	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.1	33.1	33.1
GE 4500	33.1	33.5	34.1	34.4	35.0	35.0	35.0	35.1	35.1	35.1	35.1	35.1	35.1	35.2	35.2	35.2
GE 4000	35.5	36.3	37.0	37.3	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.2	38.2
GE 3500	39.6	40.4	41.3	41.7	42.3	42.3	42.3	42.5	42.5	42.5	42.5	42.5	42.5	42.6	42.6	42.6
GE 3000	49.9	50.9	52.2	52.7	53.9	53.9	53.9	54.0	54.0	54.1	54.1	54.1	54.1	54.2	54.2	54.2
GE 2500	57.8	59.1	61.2	62.0	63.9	64.1	64.1	64.2	64.2	64.5	64.5	64.5	64.5	64.6	64.6	64.6
GE 2000	68.2	70.1	73.7	75.0	77.5	77.9	78.0	78.1	78.2	78.5	78.5	78.5	78.5	78.7	78.7	78.7
GE 1800	69.5	71.4	75.1	76.3	78.9	79.2	79.3	79.4	79.6	79.9	79.9	79.9	79.9	80.0	80.0	80.0
GE 1500	74.6	76.9	81.1	83.0	85.9	86.3	86.7	86.8	86.9	87.3	87.5	87.5	87.5	87.6	87.6	87.6
GE 1200	76.9	79.4	84.4	86.6	89.6	89.9	90.6	90.7	90.8	91.2	91.6	91.6	91.6	91.7	91.7	91.7
GE 1000	77.5	80.1	85.0	87.4	90.4	90.8	91.6	91.8	92.0	92.4	92.8	92.8	93.0	93.1	93.1	93.1
GE 900	77.7	80.4	85.5	88.3	91.4	92.0	92.7	93.0	93.1	93.5	94.0	94.0	94.1	94.2	94.2	94.2
GE 800	77.7	80.4	85.6	88.4	91.5	92.1	92.8	93.2	93.3	93.9	94.3	94.3	94.5	94.6	94.6	94.6
GE 700	78.0	81.0	86.1	89.1	92.4	93.0	93.7	94.2	94.3	94.9	95.3	95.3	95.5	95.6	95.6	95.6
GE 600	78.1	81.2	86.7	89.8	93.2	93.7	94.5	95.0	95.1	95.6	96.3	96.3	96.5	96.6	96.6	96.6
GE 500	78.4	81.6	87.2	91.1	95.1	95.8	96.9	97.3	97.4	98.1	98.9	98.9	99.1	99.2	99.3	99.3
GE 400	78.4	81.6	87.2	91.1	95.1	95.8	96.9	97.3	97.4	98.1	98.9	98.9	99.1	99.2	99.3	99.3
GE 300	78.4	81.6	87.3	91.2	95.2	96.0	97.2	97.7	97.8	98.4	99.2	99.2	99.4	99.6	99.7	99.7
GE 200	78.4	81.6	87.3	91.2	95.2	96.0	97.2	97.7	97.8	98.4	99.2	99.2	99.7	99.8	99.9	99.9
GE 100	78.4	81.6	87.3	91.2	95.2	96.0	97.2	97.7	97.8	98.4	99.2	99.2	99.7	99.8	100.0	100.0
GE 000	78.4	81.6	87.3	91.2	95.2	96.0	97.2	97.7	97.8	98.4	99.2	99.2	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	16.7	16.7	16.8	16.8	16.8	16.8	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.1	17.1
GE 20000	19.2	19.2	19.4	19.4	19.4	19.4	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.7	19.7
GE 18000	19.8	19.8	19.9	20.0	20.0	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.4	20.4
GE 16000	19.9	19.9	20.0	20.1	20.1	20.1	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.4	20.5	20.5
GE 14000	20.1	20.1	20.2	20.4	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.6	20.7	20.7
GE 12000	20.6	20.6	20.7	20.8	20.8	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1	21.1
GE 10000	21.9	21.9	22.0	22.1	22.1	22.1	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.5	22.5
GE 9000	22.5	22.5	22.6	22.7	22.7	22.7	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	23.0	23.0
GE 8000	23.6	23.6	23.7	23.8	23.8	23.8	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.2	24.2
GE 7000	25.6	25.6	25.7	25.8	25.8	25.8	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.2	26.2
GE 6000	27.6	27.6	27.9	28.3	28.3	28.3	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.5	28.6	28.6
GE 5000	28.9	29.0	29.2	29.8	29.8	29.8	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.0	30.1	30.1
GE 4500	30.9	31.0	31.2	31.8	31.8	31.8	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.1	32.1
GE 4000	33.4	33.6	34.1	34.9	35.1	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 3500	38.1	38.3	39.0	39.9	40.3	40.3	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.6	40.7	40.7
GE 3000	48.2	48.7	49.9	50.9	51.6	51.7	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.1	52.1
GE 2500	56.4	57.0	58.5	59.8	60.7	60.9	61.2	61.2	61.2	61.2	61.4	61.4	61.4	61.4	61.5	61.5
GE 2000	67.3	68.2	70.2	72.1	73.4	73.7	74.3	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.7	74.7
GE 1800	68.9	69.9	71.9	74.0	75.3	75.7	76.3	76.3	76.3	76.4	76.6	76.6	76.6	76.6	76.7	76.7
GE 1500	75.5	77.1	80.3	82.7	84.5	84.9	85.9	85.9	85.9	86.0	86.2	86.2	86.4	86.4	86.5	86.5
GE 1200	78.9	81.1	85.5	88.1	89.9	90.4	91.5	91.6	91.6	91.8	92.2	92.2	92.3	92.3	92.5	92.5
GE 1000	79.4	81.8	86.2	88.9	90.8	91.3	92.4	92.5	92.5	92.7	93.1	93.1	93.2	93.2	93.4	93.4
GE 900	80.2	82.6	87.4	90.5	92.6	93.1	94.4	94.5	94.5	94.7	95.1	95.1	95.2	95.2	95.4	95.4
GE 800	80.3	82.7	87.6	90.7	92.8	93.4	94.7	94.9	94.9	95.2	95.5	95.5	95.6	95.6	95.9	95.9
GE 700	80.3	82.7	87.6	90.8	93.1	93.6	95.0	95.1	95.1	95.4	95.7	95.7	95.9	95.9	96.1	96.1
GE 600	80.4	82.8	87.7	90.9	93.3	93.8	95.2	95.3	95.3	95.7	96.1	96.1	96.2	96.3	96.5	96.5
GE 500	80.6	83.0	88.4	91.8	94.4	95.2	96.8	96.9	96.9	97.3	97.8	97.8	97.9	98.1	98.3	98.3
GE 400	80.8	83.1	88.5	92.2	94.9	95.7	97.3	97.4	97.4	97.9	98.3	98.7	98.9	99.1	99.4	99.4
GE 300	80.8	83.1	88.5	92.2	94.9	95.7	97.3	97.4	97.4	97.9	98.3	98.7	98.9	99.1	99.6	99.6
GE 200	80.8	83.1	88.5	92.2	94.9	95.7	97.3	97.4	97.4	97.9	98.3	98.7	98.9	99.2	99.7	100.0
GE 100	80.8	83.1	88.5	92.2	94.9	95.7	97.3	97.4	97.4	97.9	98.3	98.7	98.9	99.2	99.7	100.0
GE 000	80.8	83.1	88.5	92.2	94.9	95.7	97.3	97.4	97.4	97.9	98.3	98.7	98.9	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 894

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8
GE 20000	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2
GE 18000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 16000	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 14000	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 12000	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 10000	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 9000	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5
GE 8000	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 7000	24.6	24.6	24.6	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7	24.7
GE 6000	26.1	26.1	26.1	26.4	26.4	26.4	26.4	26.4	26.5	26.5	26.5	26.5	26.5	26.5	26.5	26.5
GE 5000	27.3	27.3	27.3	27.7	27.7	27.7	27.7	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 4500	28.2	28.2	28.2	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 4000	30.5	30.5	30.5	30.8	30.9	30.9	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.1	31.1	31.1
GE 3500	36.5	36.5	36.5	36.8	37.1	37.1	37.1	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
GE 3000	43.4	43.6	44.5	45.0	45.2	45.2	45.2	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 2500	54.8	55.2	56.7	57.6	57.9	57.9	58.0	58.0	58.1	58.2	58.3	58.3	58.5	58.5	58.5	58.5
GE 2000	64.8	65.5	67.5	68.9	69.5	69.8	70.1	70.1	70.2	70.3	70.4	70.4	70.5	70.5	70.5	70.5
GE 1800	66.6	67.4	69.5	71.0	71.8	72.0	72.3	72.3	72.5	72.6	72.7	72.7	72.8	72.8	72.8	72.8
GE 1500	73.7	75.4	78.7	80.5	81.7	82.1	82.5	82.5	82.6	82.8	82.9	82.9	83.2	83.2	83.2	83.2
GE 1200	78.4	80.5	84.4	86.7	88.1	88.5	89.1	89.1	89.2	89.6	89.7	89.7	90.0	90.0	90.0	90.0
GE 1000	80.3	82.8	86.9	89.5	91.0	91.4	92.0	92.0	92.2	92.5	92.7	92.7	93.2	93.2	93.2	93.2
GE 900	80.5	83.0	87.2	89.8	91.8	92.2	92.9	92.9	93.1	93.5	93.8	93.8	94.3	94.3	94.3	94.3
GE 800	80.9	83.4	87.8	90.4	92.4	92.7	93.5	93.5	93.6	94.3	94.6	94.6	95.1	95.1	95.1	95.1
GE 700	81.1	83.7	88.0	90.6	92.9	93.3	94.1	94.1	94.2	94.8	95.2	95.2	95.6	95.6	95.6	95.6
GE 600	81.1	83.7	88.1	90.8	93.2	93.5	94.4	94.4	94.5	95.2	95.5	95.5	96.0	96.0	96.0	96.0
GE 500	81.4	84.4	89.0	92.0	94.6	95.0	96.0	96.0	96.1	97.0	97.4	97.4	98.0	98.0	98.0	98.0
GE 400	81.7	84.8	89.4	92.4	95.1	95.5	96.5	96.5	96.6	97.5	98.1	98.1	98.7	98.7	98.8	98.8
GE 300	81.7	84.8	89.4	92.4	95.1	95.5	96.5	96.5	96.6	97.5	98.1	98.1	98.7	98.7	98.9	99.0
GE 200	81.7	84.8	89.4	92.4	95.1	95.5	96.5	96.5	96.6	97.5	98.1	98.1	98.7	98.7	99.3	100.0
GE 100	81.7	84.8	89.4	92.4	95.1	95.5	96.5	96.5	96.6	97.5	98.1	98.1	98.7	98.7	99.3	100.0
GE 000	81.7	84.8	89.4	92.4	95.1	95.5	96.5	96.5	96.6	97.5	98.1	98.1	98.7	98.7	99.3	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0	14.0
GE 20000	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1	15.1
GE 18000	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6	16.6
GE 16000	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0	17.0
GE 14000	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8
GE 12000	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 10000	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3	19.3
GE 9000	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 8000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 7000	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 6000	24.2	24.2	24.3	24.4	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 5000	25.8	25.8	26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
GE 4500	27.3	27.3	27.5	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 4000	29.0	29.0	29.3	29.5	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6	29.6
GE 3500	33.8	33.8	34.2	34.3	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 3000	40.5	40.9	41.7	42.0	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 2500	52.3	53.0	54.2	55.1	55.4	55.4	55.5	55.5	55.5	55.7	55.7	55.7	55.7	55.7	55.8	55.8
GE 2000	61.3	62.3	63.9	65.2	65.7	65.8	66.0	66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.3	66.3
GE 1800	62.9	63.9	65.8	67.1	67.6	67.7	67.9	67.9	68.0	68.1	68.1	68.1	68.1	68.1	68.2	68.2
GE 1500	71.3	72.7	75.9	77.9	79.2	79.4	79.8	80.0	80.2	80.5	80.5	80.5	80.6	80.6	80.7	80.7
GE 1200	76.3	77.7	81.6	84.2	85.6	86.0	86.7	86.8	87.0	87.6	87.6	87.6	87.7	87.7	87.8	87.8
GE 1000	78.3	80.1	84.8	87.8	89.7	90.3	91.0	91.2	91.4	92.0	92.0	92.0	92.2	92.3	92.4	92.4
GE 900	78.9	80.9	85.9	88.9	91.2	91.7	92.5	92.6	92.8	93.5	93.5	93.5	93.6	93.7	93.8	93.8
GE 800	79.4	81.3	86.7	89.7	91.9	92.5	93.3	93.4	93.7	94.5	94.6	94.6	94.7	94.8	95.0	95.0
GE 700	80.0	82.0	87.5	90.5	92.8	93.4	94.4	94.5	94.8	95.6	95.7	95.7	96.0	96.1	96.2	96.2
GE 600	80.2	82.3	88.1	91.2	93.8	94.6	95.6	95.7	96.1	96.9	97.0	97.0	97.3	97.4	97.5	97.5
GE 500	80.7	83.0	88.8	92.0	94.8	95.6	96.8	96.9	97.2	98.0	98.3	98.3	98.9	99.0	99.1	99.1
GE 400	80.7	83.0	88.8	92.0	94.8	95.6	96.8	96.9	97.2	98.0	98.3	98.3	98.9	99.0	99.3	99.3
GE 300	80.7	83.0	88.8	92.0	94.8	95.6	96.9	97.0	97.3	98.1	98.4	98.4	99.0	99.1	99.6	99.6
GE 200	80.7	83.0	88.8	92.0	94.8	95.6	96.9	97.0	97.3	98.1	98.4	98.4	99.0	99.1	99.8	100.0
GE 100	80.7	83.0	88.8	92.0	94.8	95.6	96.9	97.0	97.3	98.1	98.4	98.4	99.0	99.1	99.8	100.0
GE 000	80.7	83.0	88.8	92.0	94.8	95.6	96.9	97.0	97.3	98.1	98.4	98.4	99.0	99.1	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING		VISIBILITY IN STATUTE MILES														
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1	16.1
GE 20000	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 18000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 16000	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1	18.1
GE 14000	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 12000	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1	19.1
GE 10000	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9	19.9
GE 9000	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5
GE 8000	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7	21.7
GE 7000	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 6000	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5	23.5
GE 5000	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5	24.5
GE 4500	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1	26.1
GE 4000	28.8	28.8	28.8	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9	28.9
GE 3500	31.6	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8	31.8
GE 3000	39.4	39.5	40.5	40.8	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 2500	51.5	52.1	53.6	54.2	55.3	55.3	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 2000	61.4	62.4	64.9	65.6	67.3	67.3	67.4	67.5	67.5	67.5	67.5	67.5	67.7	67.7	67.7	67.7
GE 1800	62.7	63.7	67.2	67.9	69.7	69.7	69.8	69.9	69.9	70.0	70.0	70.0	70.2	70.2	70.2	70.2
GE 1500	70.5	71.8	77.0	78.1	81.4	81.4	81.9	82.2	82.2	82.5	82.5	82.5	83.1	83.1	83.1	83.1
GE 1200	73.9	75.4	81.9	83.3	87.3	87.3	88.1	88.5	88.5	88.8	88.8	88.8	89.4	89.4	89.4	89.4
GE 1000	75.8	77.4	84.7	86.2	90.5	90.5	91.5	91.8	91.8	92.4	92.4	92.4	92.9	92.9	92.9	92.9
GE 900	76.1	77.8	85.1	86.7	91.0	91.0	92.0	92.4	92.4	92.9	92.9	92.9	93.5	93.6	93.6	93.6
GE 800	76.1	77.9	85.3	86.9	91.4	91.4	92.6	92.9	93.1	93.8	93.8	93.8	94.5	94.6	94.7	94.7
GE 700	76.3	78.4	85.8	87.6	92.5	92.5	93.7	94.1	94.2	95.0	95.0	95.0	95.6	95.7	95.9	95.9
GE 600	76.5	78.6	86.1	88.1	93.2	93.5	94.7	95.4	95.5	96.4	96.4	96.4	97.1	97.2	97.4	97.4
GE 500	76.6	78.8	86.6	88.7	93.8	94.2	96.3	97.0	97.1	98.0	98.1	98.1	98.9	99.0	99.2	99.2
GE 400	76.7	78.9	86.7	88.8	94.0	94.3	96.4	97.1	97.2	98.2	98.3	98.3	99.1	99.3	99.6	99.6
GE 300	76.7	78.9	86.7	88.8	94.0	94.3	96.4	97.1	97.2	98.2	98.3	98.3	99.2	99.4	99.7	99.7
GE 200	76.7	78.9	86.7	88.8	94.1	94.4	96.5	97.2	97.3	98.3	98.4	98.4	99.3	99.6	100.0	100.0
GE 100	76.7	78.9	86.7	88.8	94.1	94.4	96.5	97.2	97.3	98.3	98.4	98.4	99.3	99.6	100.0	100.0
GE 000	76.7	78.9	86.7	88.8	94.1	94.4	96.5	97.2	97.3	98.3	98.4	98.4	99.3	99.6	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 893

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 20000	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2
GE 18000	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 16000	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	0.9	20.9
GE 14000	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 12000	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2	21.2
GE 10000	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 9000	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0
GE 8000	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 7000	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 6000	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 5000	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 4500	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 4000	30.8	31.1	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 3500	33.1	33.5	33.7	33.8	33.8	33.8	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9	33.9
GE 3000	42.7	43.1	43.5	43.6	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 2500	54.0	54.5	55.9	56.7	57.5	57.5	57.6	57.7	57.9	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 2000	62.9	63.6	66.7	67.6	69.2	69.2	69.3	69.4	69.8	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 1800	65.2	65.8	69.5	70.4	72.2	72.2	72.3	72.4	72.8	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 1500	72.9	74.1	80.1	81.4	84.6	84.6	84.9	85.2	85.5	85.7	85.9	85.9	86.0	86.0	86.0	86.0
GE 1200	75.3	77.8	84.7	86.2	90.0	90.0	90.6	90.8	91.3	91.7	92.0	92.0	92.1	92.1	92.1	92.1
GE 1000	77.5	79.0	86.0	87.5	91.6	91.6	92.5	92.7	93.2	93.6	93.9	93.9	94.0	94.0	94.0	94.0
GE 900	77.5	79.0	86.0	87.5	91.6	91.6	92.6	92.9	93.3	93.8	94.0	94.0	94.1	94.1	94.1	94.1
GE 800	77.7	79.2	86.5	88.2	92.3	92.3	93.3	93.5	94.0	94.4	94.6	94.6	94.8	94.8	94.8	94.8
GE 700	77.7	79.5	86.9	88.7	92.9	92.9	93.9	94.2	94.6	95.1	95.4	95.4	95.5	95.5	95.5	95.5
GE 600	77.9	79.7	87.2	89.2	93.5	93.8	94.9	95.4	95.9	96.3	96.8	96.8	96.9	96.9	96.9	96.9
GE 500	78.6	80.6	88.2	90.4	95.0	95.2	97.0	97.5	98.0	98.4	98.9	98.9	99.1	99.1	99.1	99.1
GE 400	78.7	80.7	88.3	90.5	95.1	95.3	97.3	97.9	98.3	99.1	99.6	99.6	99.8	99.8	99.8	99.8
GE 300	78.7	80.7	88.3	90.5	95.1	95.3	97.3	97.9	98.3	99.1	99.6	99.6	99.8	99.8	99.8	99.8
GE 200	78.7	80.7	88.3	90.5	95.1	95.3	97.3	97.9	98.3	99.1	99.7	99.7	99.9	99.9	99.9	99.9
GE 100	78.7	80.7	88.3	90.5	95.1	95.3	97.3	97.9	98.3	99.1	99.7	99.7	99.9	99.9	100.0	100.0
GE 000	78.7	80.7	88.3	90.5	95.1	95.3	97.3	97.9	98.3	99.1	99.7	99.7	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 896

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.3	18.3	18.3	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.4	18.5	18.5	18.5
GE 20000	19.6	19.6	19.7	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 18000	20.3	20.4	20.4	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.5	20.6	20.6	20.6
GE 16000	20.5	20.6	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.8	20.8
GE 14000	20.8	20.8	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 12000	21.2	21.2	21.3	21.3	21.3	21.3	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4	21.4
GE 10000	22.0	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.2
GE 9000	22.6	22.6	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9	22.9	22.9
GE 8000	23.7	23.8	23.8	23.9	23.9	23.9	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0
GE 7000	25.0	25.1	25.2	25.3	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.4	25.5	25.5	25.5
GE 6000	26.9	27.0	27.2	27.4	27.5	27.5	27.5	27.5	27.5	27.6	27.6	27.6	27.6	27.6	27.6	27.6
GE 5000	28.0	28.1	28.3	28.6	28.7	28.7	28.7	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.8
GE 4500	29.6	29.7	30.0	30.3	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5	30.6	30.6	30.6
GE 4000	31.9	32.1	32.4	32.7	32.9	32.9	33.0	33.0	33.0	33.1	33.1	33.1	33.1	33.2	33.2	33.2
GE 3500	36.3	36.5	36.9	37.3	37.6	37.6	37.7	37.7	37.7	37.8	37.8	37.8	37.8	37.8	37.9	37.9
GE 3000	45.4	45.8	46.8	47.4	47.9	47.9	48.0	48.0	48.0	48.1	48.1	48.1	48.2	48.2	48.2	48.2
GE 2500	55.6	56.3	58.1	59.1	60.0	60.1	60.2	60.2	60.3	60.5	60.5	60.5	60.6	60.6	60.6	60.6
GE 2000	65.4	66.4	69.1	70.4	71.8	71.9	72.2	72.2	72.3	72.5	72.6	72.6	72.7	72.7	72.7	72.7
GE 1800	67.0	68.1	71.1	72.4	73.9	74.0	74.3	74.4	74.4	74.7	74.7	74.7	74.8	74.8	74.8	74.8
GE 1500	73.6	75.3	79.5	81.3	83.4	83.7	84.2	84.3	84.4	84.7	84.8	84.8	85.0	85.0	85.0	85.0
GE 1200	77.3	79.2	84.2	86.4	89.0	89.3	90.0	90.1	90.2	90.7	90.9	90.9	91.1	91.1	91.1	91.1
GE 1000	78.7	80.7	86.0	88.3	91.1	91.4	92.2	92.4	92.5	93.0	93.2	93.2	93.5	93.5	93.5	93.5
GE 900	79.0	81.1	86.5	89.0	92.0	92.3	93.1	93.3	93.5	94.0	94.2	94.2	94.5	94.5	94.6	94.6
GE 800	79.1	81.3	86.9	89.3	92.3	92.6	93.5	93.8	93.9	94.6	94.8	94.8	95.1	95.1	95.2	95.2
GE 700	79.3	81.6	87.2	89.8	93.0	93.3	94.2	94.5	94.7	95.3	95.6	95.6	95.8	95.9	96.0	96.0
GE 600	79.5	81.8	87.6	90.3	93.6	94.0	95.0	95.3	95.5	96.2	96.5	96.5	96.7	96.8	96.9	96.9
GE 500	79.7	82.3	88.3	91.3	94.9	95.4	96.8	97.1	97.3	98.0	98.4	98.4	98.8	98.9	98.9	98.9
GE 400	79.8	82.4	88.4	91.4	95.1	95.6	97.0	97.3	97.5	98.3	98.7	98.8	99.2	99.3	99.4	99.4
GE 300	79.8	82.4	88.4	91.4	95.1	95.6	97.1	97.4	97.6	98.4	98.8	98.8	99.2	99.4	99.5	99.6
GE 200	79.8	82.4	88.4	91.4	95.1	95.6	97.1	97.4	97.6	98.4	98.8	98.9	99.3	99.4	99.7	99.9
GE 100	79.8	82.4	88.4	91.4	95.1	95.6	97.1	97.4	97.6	98.4	98.8	98.9	99.3	99.4	99.8	99.9
GE 000	79.8	82.4	88.4	91.4	95.1	95.6	97.1	97.4	97.6	98.4	98.8	98.9	99.3	99.4	99.8	100.0

TOTAL NUMBER OF OBSERVATIONS 7156

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.6	18.7	18.8	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9
GE 20000	18.9	19.0	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2
GE 18000	19.4	19.5	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 16000	19.4	19.5	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8	19.8
GE 14000	19.7	19.8	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 12000	20.6	20.7	20.8	20.8	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 10000	21.5	21.6	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 9000	22.2	22.4	22.5	22.5	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6	22.6
GE 8000	23.2	23.3	23.5	23.5	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7	23.7
GE 7000	24.1	24.3	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6	24.6
GE 6000	27.2	27.5	27.8	27.9	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0	28.0
GE 5000	27.8	28.1	28.4	28.5	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 4500	30.1	30.5	30.8	30.9	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2	31.2
GE 4000	31.6	32.1	32.5	32.6	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9	32.9
GE 3500	33.9	34.6	35.5	35.6	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 3000	41.1	42.3	43.7	44.1	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.8	44.8
GE 2500	49.8	51.0	53.3	54.3	55.6	55.6	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.9	55.9
GE 2000	60.2	61.6	65.1	66.5	68.5	68.5	68.5	68.6	68.7	68.9	68.9	68.9	69.0	69.0	69.4	69.7
GE 1800	62.6	64.0	67.8	69.2	71.2	71.2	71.2	71.3	71.4	71.6	71.6	71.6	71.7	71.9	72.4	72.7
GE 1500	69.3	71.3	75.9	77.4	79.8	79.8	79.9	80.1	80.6	81.0	81.0	81.1	81.3	81.5	82.0	82.5
GE 1200	72.0	74.6	80.0	82.1	84.8	84.8	85.0	85.5	86.0	86.4	86.4	86.5	86.7	86.9	87.4	87.9
GE 1000	72.9	75.8	81.9	84.0	86.9	86.9	87.1	87.9	88.3	88.9	88.9	89.0	89.2	89.4	89.8	90.4
GE 900	73.4	76.5	82.9	85.1	88.0	88.0	88.3	89.2	89.6	90.2	90.4	90.5	90.7	90.9	91.4	91.9
GE 800	73.5	76.6	83.3	85.5	88.4	88.4	88.8	89.8	90.4	90.9	91.1	91.3	91.5	91.7	92.1	92.7
GE 700	73.8	76.9	83.6	86.0	89.1	89.1	89.4	90.7	91.3	91.8	92.0	92.1	92.3	92.5	93.0	93.5
GE 600	73.8	76.9	83.7	86.1	89.7	89.7	90.1	91.5	92.0	92.5	92.8	92.9	93.4	93.6	94.1	94.6
GE 500	74.5	77.9	85.1	88.0	92.0	92.1	92.4	93.8	94.4	95.1	95.4	95.5	96.0	96.4	97.0	97.5
GE 400	74.9	78.3	85.7	89.0	93.2	93.3	93.6	95.1	95.7	96.4	96.7	96.8	97.3	97.7	98.3	98.8
GE 300	75.1	78.4	85.9	89.1	93.4	93.5	94.0	95.5	96.2	97.1	97.3	97.4	97.9	98.4	99.0	99.6
GE 200	75.1	78.4	86.0	89.2	93.6	93.7	94.2	95.7	96.4	97.3	97.5	97.6	98.2	98.7	99.5	100.0
GE 100	75.1	78.4	86.0	89.2	93.6	93.7	94.2	95.7	96.4	97.3	97.5	97.6	98.2	98.7	99.5	100.0
GE 000	75.1	78.4	86.0	89.2	93.6	93.7	94.2	95.7	96.4	97.3	97.5	97.6	98.2	98.7	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 926

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	19.1	19.1	19.1	19.1	19.2	19.2	19.4	19.4	19.4	19.4	19.4	19.4	19.5	19.5	19.5	19.5
GE 20000	19.5	19.5	19.5	19.5	19.6	19.6	19.8	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9
GE 18000	19.8	19.8	19.8	19.8	19.9	19.9	20.2	20.2	20.2	20.2	20.2	20.2	20.3	20.3	20.3	20.3
GE 16000	19.9	19.9	19.9	19.9	20.0	20.0	20.3	20.3	20.3	20.3	20.3	20.3	20.4	20.4	20.4	20.4
GE 14000	20.3	20.3	20.3	20.3	20.4	20.4	20.6	20.6	20.6	20.6	20.6	20.6	20.7	20.7	20.7	20.7
GE 12000	21.2	21.2	21.2	21.2	21.3	21.3	21.6	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7
GE 10000	22.3	22.3	22.3	22.3	22.4	22.4	22.6	22.6	22.6	22.6	22.6	22.6	22.7	22.7	22.7	22.7
GE 9000	22.5	22.5	22.5	22.5	22.6	22.6	22.8	22.8	22.8	22.8	22.8	22.8	23.0	23.0	23.0	23.0
GE 8000	23.3	23.3	23.3	23.3	23.4	23.4	23.6	23.6	23.6	23.6	23.6	23.6	23.7	23.7	23.7	23.7
GE 7000	24.2	24.2	24.2	24.4	24.6	24.6	24.8	24.8	24.8	24.8	24.8	24.8	24.9	24.9	24.9	24.9
GE 6000	25.8	26.0	26.2	26.3	26.8	26.8	27.2	27.2	27.2	27.2	27.2	27.2	27.3	27.3	27.3	27.3
GE 5000	26.7	26.9	27.2	27.3	27.8	27.8	28.1	28.1	28.1	28.1	28.1	28.1	28.2	28.2	28.2	28.2
GE 4500	28.0	28.2	28.7	28.8	29.3	29.3	29.6	29.6	29.6	29.6	29.6	29.6	29.7	29.7	29.7	29.7
GE 4000	29.0	29.2	29.7	29.8	30.4	30.4	30.7	30.7	30.7	30.7	30.7	30.7	30.8	30.8	30.8	30.8
GE 3500	33.4	33.6	34.3	34.4	35.1	35.1	35.5	35.5	35.5	35.5	35.5	35.5	35.6	35.6	35.6	35.6
GE 3000	39.8	40.1	41.2	41.5	42.2	42.2	42.8	42.8	42.8	42.9	42.9	42.9	43.1	43.1	43.3	43.3
GE 2500	49.0	49.6	51.5	52.2	53.8	53.9	54.4	54.5	54.5	54.6	54.6	54.6	54.8	54.8	55.1	55.1
GE 2000	57.9	58.9	61.9	62.7	65.0	65.1	65.7	65.8	65.9	66.1	66.1	66.1	66.3	66.3	66.5	66.6
GE 1800	59.9	61.0	63.9	64.8	67.1	67.2	68.0	68.1	68.2	68.3	68.3	68.3	68.5	68.5	68.8	69.0
GE 1500	67.1	68.4	71.6	72.6	75.8	75.9	77.2	77.4	77.5	77.6	77.6	77.6	77.8	78.0	78.3	78.8
GE 1200	69.6	71.3	75.1	76.5	79.7	80.0	81.5	81.7	81.8	82.0	82.0	82.0	82.4	82.7	83.0	83.4
GE 1000	71.7	73.7	77.7	79.8	83.5	83.7	85.3	85.6	85.7	85.9	85.9	85.9	86.4	86.6	87.0	87.4
GE 900	72.4	74.5	79.1	81.4	85.2	85.5	87.1	87.3	87.4	87.6	87.8	87.8	88.4	88.6	88.9	89.3
GE 800	72.4	74.8	79.5	81.8	86.1	86.3	88.0	88.4	88.7	88.9	89.1	89.1	89.7	89.9	90.2	90.6
GE 700	72.7	75.0	79.7	82.1	86.5	86.7	88.6	88.9	89.2	89.4	89.7	89.7	90.2	90.4	90.7	91.2
GE 600	73.7	76.1	81.1	83.5	88.0	88.3	90.4	90.7	91.1	91.3	91.5	91.5	92.3	92.6	92.9	93.3
GE 500	74.8	77.4	83.0	85.5	90.3	90.7	93.1	93.4	93.8	94.2	94.4	94.5	95.8	96.2	96.6	97.0
GE 400	75.0	77.6	83.3	86.0	90.9	91.4	94.1	94.5	94.9	95.4	95.6	95.7	97.0	97.4	97.7	98.2
GE 300	75.0	77.6	83.4	86.3	91.3	91.7	94.8	95.3	95.9	96.3	96.6	96.7	98.1	98.5	99.1	99.6
GE 200	75.0	77.6	83.4	86.3	91.3	91.9	94.8	95.3	95.9	96.3	96.7	96.8	98.2	98.8	99.6	100.0
GE 100	75.0	77.6	83.4	86.3	91.3	91.9	94.8	95.3	95.9	96.3	96.7	96.8	98.2	98.8	99.6	100.0
GE 000	75.0	77.6	83.4	86.3	91.3	91.9	94.8	95.3	95.9	96.3	96.7	96.8	98.2	98.8	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

PERIOD OF RECORD: JAN 80 - DEC 89
MONT: 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	18.0	18.0	18.0	18.0	18.1	18.1	18.1	18.2	18.2	18.2	18.2	18.2	18.3	18.3	18.3	18.3
GE 20000	19.0	19.0	19.0	19.0	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.4	19.4	19.4	19.4
GE 18000	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9
GE 16000	19.6	19.6	19.6	19.6	19.7	19.7	19.7	19.8	19.8	19.8	19.8	19.8	19.9	19.9	19.9	19.9
GE 14000	20.0	20.0	20.0	20.0	20.1	20.1	20.1	20.2	20.2	20.2	20.2	20.2	20.3	20.3	20.3	20.3
GE 12000	20.9	20.9	20.9	20.9	21.0	21.0	21.0	21.1	21.1	21.1	21.1	21.1	21.2	21.2	21.2	21.2
GE 10000	21.3	21.4	21.4	21.4	21.5	21.5	21.5	21.6	21.6	21.6	21.6	21.6	21.7	21.7	21.7	21.7
GE 9000	21.8	21.9	21.9	21.9	22.0	22.0	22.0	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3	22.3
GE 8000	22.9	23.0	23.1	23.1	23.2	23.2	23.2	23.3	23.3	23.3	23.3	23.3	23.4	23.4	23.4	23.4
GE 7000	23.8	24.0	24.1	24.3	24.5	24.5	24.5	24.6	24.6	24.6	24.6	24.6	24.7	24.7	24.7	24.7
GE 6000	25.9	26.3	26.7	26.9	27.1	27.1	27.1	27.2	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.4
GE 5000	27.4	27.8	28.3	28.6	28.8	28.8	28.8	28.9	28.9	29.0	29.0	29.0	29.1	29.1	29.1	29.1
GE 4500	29.0	29.5	29.9	30.4	30.6	30.6	30.8	30.9	30.9	31.0	31.0	31.0	31.1	31.1	31.1	31.1
GE 4000	30.3	30.8	31.4	32.2	32.4	32.4	32.5	32.6	32.6	32.7	32.7	32.7	32.8	32.8	32.8	32.8
GE 3500	34.0	34.5	35.3	36.1	36.3	36.3	36.5	36.6	36.6	36.7	36.7	36.7	36.8	36.8	36.8	36.8
GE 3000	40.5	41.2	42.2	43.0	43.2	43.2	43.4	43.5	43.5	43.8	43.8	43.8	44.2	44.2	44.2	44.2
GE 2500	49.1	49.9	52.6	53.4	54.3	54.3	54.8	55.2	55.2	55.4	55.4	55.4	56.0	56.0	56.1	56.2
GE 2000	56.5	57.6	61.4	62.9	64.4	64.4	65.1	65.4	65.4	65.8	65.9	65.9	66.6	66.6	66.7	66.9
GE 1800	57.3	58.5	62.4	64.0	65.7	65.7	66.5	66.8	66.8	67.2	67.3	67.3	68.1	68.1	68.2	68.4
GE 1500	62.6	64.0	69.2	71.5	73.8	73.8	74.7	75.1	75.1	75.6	75.7	75.7	76.5	76.5	76.6	76.9
GE 1200	67.3	68.7	74.7	77.4	80.0	80.2	81.2	81.6	81.6	82.2	82.3	82.4	83.1	83.1	83.2	83.5
GE 1000	69.6	71.1	77.4	80.2	84.2	84.4	85.4	85.8	85.8	86.3	86.5	86.6	87.3	87.3	87.4	87.7
GE 900	70.4	71.9	78.5	81.4	85.5	85.9	87.0	87.4	87.4	88.0	88.1	88.2	88.9	88.9	89.0	89.4
GE 800	70.8	72.3	78.8	81.7	86.0	86.5	87.6	88.1	88.1	88.6	88.7	88.8	89.7	89.7	89.8	90.1
GE 700	71.4	72.9	79.9	82.8	87.1	87.6	89.0	89.5	89.5	90.0	90.1	90.3	91.2	91.2	91.3	91.6
GE 600	71.5	73.0	80.2	83.1	88.0	88.5	90.0	90.4	90.4	91.0	91.2	91.5	92.5	92.5	92.6	92.9
GE 500	72.3	73.8	81.6	84.9	90.1	90.8	92.8	93.3	93.4	94.1	94.4	94.7	95.7	96.2	96.3	96.7
GE 400	72.3	73.8	81.6	84.9	90.3	91.0	93.5	94.1	94.4	95.2	95.6	95.9	96.9	97.5	97.6	98.0
GE 300	72.3	73.9	81.8	85.2	90.6	91.4	94.5	95.3	95.6	96.3	96.8	97.1	98.3	98.4	99.0	99.4
GE 200	72.3	73.9	81.8	85.2	90.6	91.4	94.7	95.5	95.8	96.6	97.1	97.4	98.8	99.5	99.6	99.9
GE 100	72.3	73.9	81.8	85.2	90.6	91.4	94.7	95.5	95.8	96.6	97.1	97.4	98.8	99.5	99.6	100.0
GE 000	72.3	73.9	81.8	85.2	90.6	91.4	94.7	95.5	95.8	96.6	97.1	97.4	98.8	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.8	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	18.9	19.0
GE 20000	20.0	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.2	20.3
GE 18000	20.6	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.8
GE 16000	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.1
GE 14000	21.9	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.0	22.1
GE 12000	22.4	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5	22.5
GE 10000	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.2
GE 9000	24.8	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	24.9	25.0
GE 8000	25.6	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.8	25.9
GE 7000	26.6	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.7	26.8
GE 6000	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.2
GE 5000	30.2	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.5
GE 4500	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.8	31.8	31.8	31.8	31.8	31.9
GE 4000	33.6	33.8	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.5	34.5	34.5	34.5	34.6
GE 3500	37.6	37.9	38.5	38.5	38.6	38.6	38.6	38.6	38.6	38.7	38.7	38.7	38.7	38.7	38.7	38.8
GE 3000	43.5	43.9	44.4	44.5	44.7	44.7	44.9	44.9	44.9	45.0	45.2	45.2	45.3	45.3	45.3	45.4
GE 2500	54.8	55.3	56.3	56.5	57.1	57.1	57.9	57.9	57.9	58.1	58.2	58.2	58.4	58.4	58.4	58.6
GE 2000	62.4	63.0	65.6	66.6	67.8	68.1	69.0	69.0	69.0	69.3	69.4	69.4	69.7	69.7	69.7	69.9
GE 1800	64.3	65.1	68.0	69.0	70.6	70.9	71.9	72.0	72.0	72.3	72.4	72.4	72.7	72.7	72.7	73.0
GE 1500	69.2	70.2	74.6	76.0	78.2	78.6	79.5	79.6	79.6	80.1	80.2	80.2	80.5	80.5	80.5	80.7
GE 1200	72.4	73.6	79.5	81.1	83.7	84.2	85.1	85.5	85.5	85.9	86.0	86.0	86.4	86.5	86.5	86.7
GE 1000	73.9	75.2	81.5	83.1	86.2	86.7	87.8	88.3	88.3	88.7	88.8	88.9	89.3	89.4	89.4	89.7
GE 900	74.7	76.1	82.4	84.1	87.3	87.8	89.2	89.8	89.8	90.2	90.3	90.4	90.9	91.1	91.1	91.3
GE 800	75.1	76.5	82.9	84.5	87.7	88.4	89.8	90.5	90.6	91.1	91.3	91.4	91.9	92.0	92.0	92.2
GE 700	75.5	76.9	83.6	85.2	88.5	89.1	90.6	91.4	91.6	92.0	92.3	92.5	93.0	93.2	93.2	93.4
GE 600	75.6	77.0	83.8	85.6	89.0	89.7	91.4	92.1	92.3	92.9	93.2	93.3	93.9	94.1	94.1	94.3
GE 500	76.2	77.7	84.7	86.5	90.5	91.2	93.2	94.3	94.5	95.4	95.8	95.9	96.4	96.8	96.8	97.2
GE 400	76.3	77.8	84.8	86.7	90.7	91.4	93.5	94.7	94.9	95.9	96.6	96.7	97.5	97.8	98.0	98.4
GE 300	76.3	77.8	84.8	87.1	91.2	91.8	94.4	95.6	95.8	96.8	97.4	97.5	98.7	99.1	99.2	99.7
GE 200	76.4	77.9	84.9	87.2	91.3	91.9	94.5	95.7	95.9	96.9	97.5	97.6	98.8	99.2	99.4	99.9
GE 100	76.4	77.9	84.9	87.2	91.3	91.9	94.5	95.7	95.9	96.9	97.5	97.6	98.9	99.4	99.5	100.0
GE 000	76.4	77.9	84.9	87.2	91.3	91.9	94.5	95.7	95.9	96.9	97.5	97.6	98.9	99.4	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	19.8	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.1	20.1	20.1
GE 20000	21.9	22.0	22.0	22.0	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.1	22.2	22.2	22.2
GE 18000	23.8	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1
GE 16000	23.8	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1
GE 14000	25.1	25.2	25.2	25.2	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.3	25.4	25.4	25.4
GE 12000	25.8	25.9	25.9	25.9	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.0	26.1	26.1	26.1
GE 10000	27.2	27.3	27.3	27.3	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.4	27.5	27.5	27.5
GE 9000	28.1	28.2	28.2	28.2	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.5	28.5	28.5
GE 8000	29.3	29.4	29.4	29.4	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.7	29.7	29.7
GE 7000	29.9	30.0	30.0	30.0	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.2	30.2	30.2
GE 6000	32.1	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6
GE 5000	33.1	33.2	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5
GE 4500	34.5	34.6	34.7	34.7	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	34.8	35.0	35.0	35.0
GE 4000	36.5	36.6	36.7	36.7	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.9	36.9	36.9
GE 3500	39.5	39.6	40.0	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4	40.4
GE 3000	44.6	44.8	45.3	45.7	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	45.9	46.0	46.2	46.2
GE 2500	56.2	57.3	58.2	58.5	59.1	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.6	59.7	60.0	60.0
GE 2000	62.4	63.9	65.3	66.3	67.3	67.4	67.6	67.9	68.0	68.2	68.2	68.2	68.4	68.5	68.7	68.7
GE 1800	63.7	65.2	66.9	68.1	69.2	69.3	69.5	69.7	69.8	70.0	70.0	70.0	70.2	70.3	70.6	70.7
GE 1500	70.3	72.1	74.8	76.3	77.7	77.9	78.1	78.4	78.5	78.8	78.8	78.8	79.0	79.1	79.3	79.4
GE 1200	73.7	76.1	79.5	81.9	83.9	84.3	84.6	84.8	85.0	85.4	85.4	85.4	85.6	85.7	85.9	86.0
GE 1000	74.9	77.5	81.8	84.4	87.1	87.7	88.0	88.2	88.3	88.9	89.1	89.1	89.4	89.6	89.8	89.9
GE 900	75.9	78.7	83.1	85.8	88.9	89.4	89.7	89.9	90.0	90.6	90.8	90.8	91.1	91.3	91.7	91.8
GE 800	76.2	79.2	83.7	86.5	89.6	90.2	90.6	90.8	90.9	91.5	91.7	91.7	92.0	92.2	92.5	92.6
GE 700	76.3	79.4	83.9	86.7	89.8	90.4	90.8	91.0	91.3	92.0	92.2	92.2	92.7	93.0	93.3	93.4
GE 600	76.6	79.8	84.3	87.1	90.3	90.8	91.6	91.8	92.1	92.7	93.2	93.2	93.7	93.9	94.3	94.4
GE 500	77.3	80.5	85.3	88.4	91.9	92.4	93.5	93.8	94.2	95.0	95.5	95.5	96.0	96.3	96.8	96.9
GE 400	77.4	80.7	85.6	88.7	92.2	93.0	94.4	94.9	95.5	96.3	97.0	97.1	97.6	98.1	98.7	98.8
GE 300	77.4	80.7	85.6	88.7	92.5	93.3	94.7	95.2	95.8	96.6	97.3	97.4	98.2	98.6	99.4	99.6
GE 200	77.6	81.0	85.8	89.0	92.7	93.5	94.9	95.5	96.0	96.9	97.5	97.6	98.4	98.8	99.7	100.0
GE 100	77.6	81.0	85.8	89.0	92.7	93.5	94.9	95.5	96.0	96.9	97.5	97.6	98.4	98.8	99.7	100.0
GE 000	77.6	81.0	85.8	89.0	92.7	93.5	94.9	95.5	96.0	96.9	97.5	97.6	98.4	98.8	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	VISIBILITY IN STATUTE MILES										GE 0
						GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	
NO CEIL	17.0	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.2	17.3
GE 20000	20.2	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.3	20.4
GE 18000	21.3	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6
GE 16000	21.3	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6
GE 14000	21.6	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.9
GE 12000	22.5	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.9
GE 10000	23.8	23.9	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.2
GE 9000	25.2	25.4	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.5	25.6
GE 8000	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.5
GE 7000	28.2	28.3	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.4	28.5
GE 6000	29.9	30.0	30.1	30.1	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.3	30.3	30.4
GE 5000	31.2	31.3	31.4	31.4	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.5	31.6	31.6	31.7
GE 4500	32.0	32.1	32.3	32.3	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.5	32.5	32.6
GE 4000	33.9	34.0	34.1	34.2	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.5	34.5	34.6
GE 3500	37.0	37.2	37.5	37.8	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.1	38.1	38.2
GE 3000	43.1	43.8	44.6	44.8	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.5	45.5	45.6
GE 2500	53.9	54.9	56.0	56.2	57.0	57.0	57.1	57.1	57.1	57.2	57.2	57.2	57.3	57.4	57.4	57.5
GE 2000	62.4	64.0	65.4	65.8	67.3	67.3	67.4	67.4	67.4	67.6	67.6	67.6	68.1	68.2	68.4	68.6
GE 1800	64.1	65.8	67.2	67.6	69.3	69.3	69.4	69.4	69.4	69.6	69.6	69.6	70.0	70.1	70.3	70.6
GE 1500	70.2	72.6	74.9	75.5	77.5	77.5	77.7	77.7	77.7	78.1	78.1	78.1	78.5	78.7	79.0	79.2
GE 1200	74.0	76.8	80.0	81.3	84.0	84.0	84.6	84.7	84.7	85.3	85.3	85.4	86.0	86.3	86.5	86.7
GE 1000	75.6	78.7	82.2	83.8	86.8	87.2	87.7	87.8	87.8	88.5	88.5	88.6	89.1	89.4	89.8	90.0
GE 900	75.9	79.1	82.6	84.4	87.6	87.9	88.6	88.7	88.7	89.3	89.3	89.4	90.0	90.3	90.6	90.8
GE 800	76.1	79.2	82.7	84.5	87.8	88.2	89.1	89.2	89.2	89.9	89.9	90.0	90.5	90.8	91.3	91.5
GE 700	76.3	79.4	83.1	84.8	88.6	89.0	90.1	90.3	90.3	91.0	91.0	91.3	91.9	92.3	92.8	93.0
GE 600	76.6	79.7	83.4	85.4	89.3	89.8	90.9	91.4	91.4	92.1	92.1	92.3	93.0	93.9	94.3	94.5
GE 500	77.3	80.5	84.3	86.6	91.0	91.5	93.0	93.5	93.5	94.6	94.9	95.4	96.1	97.0	97.4	97.6
GE 400	77.5	80.7	84.6	87.1	91.5	91.9	93.4	94.3	94.3	95.5	96.0	96.5	97.3	98.2	98.6	98.8
GE 300	77.5	80.8	84.7	87.3	92.0	92.4	94.1	94.9	94.9	96.1	96.7	97.2	98.1	98.9	99.5	99.8
GE 200	77.5	80.8	84.7	87.3	92.0	92.4	94.1	94.9	94.9	96.1	96.7	97.2	98.2	99.0	99.7	100.0
GE 100	77.5	80.8	84.7	87.3	92.0	92.4	94.1	94.9	94.9	96.1	96.7	97.2	98.2	99.0	99.7	100.0
GE 000	77.5	80.8	84.7	87.3	92.0	92.4	94.1	94.9	94.9	96.1	96.7	97.2	98.2	99.0	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 927

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	18.5	18.5	18.5	18.5	18.5	18.5	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6	18.6
GE 20000	20.5	20.5	20.5	20.5	20.5	20.5	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7	20.7
GE 18000	21.7	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 16000	21.7	21.7	21.7	21.7	21.7	21.7	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8	21.8
GE 14000	22.3	22.3	22.3	22.3	22.3	22.3	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4	22.4
GE 12000	22.7	22.7	22.7	22.7	22.7	22.7	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8	22.8
GE 10000	23.0	23.0	23.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2
GE 9000	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1	24.1
GE 8000	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1	25.1
GE 7000	26.5	26.5	26.5	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6	26.6
GE 6000	28.5	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 5000	29.2	29.3	29.3	29.3	29.3	29.3	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5	29.5
GE 4500	31.0	31.2	31.2	31.2	31.2	31.2	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 4000	32.4	32.6	32.9	33.0	33.0	33.0	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 3500	35.9	36.1	36.6	36.8	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.4	37.4
GE 3000	42.8	43.5	44.7	45.0	45.3	45.3	45.7	45.7	45.7	45.7	45.7	45.8	46.1	46.2	46.2	46.2
GE 2500	51.7	53.3	55.4	56.1	56.4	56.4	56.8	57.0	57.0	57.1	57.1	57.2	57.5	57.8	57.9	57.9
GE 2000	59.2	61.1	64.0	65.1	65.7	65.7	66.2	66.4	66.5	67.0	67.0	67.1	67.4	67.7	67.8	67.8
GE 1800	61.2	63.2	66.1	67.5	68.3	68.3	68.8	69.1	69.2	69.7	69.7	69.8	70.1	70.4	70.5	70.5
GE 1500	65.5	67.9	72.2	73.8	74.7	74.8	75.8	76.6	76.8	77.3	77.5	77.6	77.9	78.3	78.4	78.4
GE 1200	69.8	72.5	78.2	80.8	82.7	82.8	83.9	85.2	85.4	86.0	86.2	86.4	86.7	87.1	87.2	87.2
GE 1000	70.9	74.1	80.0	82.9	85.3	85.4	86.7	88.4	88.6	89.1	89.3	89.6	90.0	90.3	90.7	90.7
GE 900	71.3	74.6	80.4	83.5	86.1	86.2	87.5	89.1	89.3	89.9	90.1	90.3	90.9	91.2	91.5	91.5
GE 800	71.4	74.7	80.9	83.9	86.6	86.7	88.2	89.8	90.0	90.5	90.8	91.0	91.6	92.0	92.3	92.3
GE 700	71.7	75.1	81.7	84.9	88.0	88.2	89.6	91.2	91.5	92.4	92.9	93.2	93.8	94.1	94.5	94.5
GE 600	72.3	75.7	82.4	86.0	89.2	89.3	90.8	92.5	93.0	94.0	94.8	95.0	95.7	96.2	96.5	96.5
GE 500	72.5	76.0	83.0	87.0	90.5	90.7	92.4	94.5	95.0	96.0	96.7	97.0	97.6	98.3	98.6	98.6
GE 400	72.5	76.0	83.0	87.0	91.0	91.2	92.9	95.1	95.7	96.6	97.4	97.6	98.3	98.9	99.2	99.2
GE 300	72.5	76.0	83.0	87.0	91.1	91.3	93.2	95.5	96.1	97.1	97.8	98.0	98.8	99.5	99.9	100.0
GE 200	72.5	76.0	83.0	87.0	91.1	91.3	93.2	95.5	96.1	97.1	97.8	98.0	98.8	99.5	99.9	100.0
GE 100	72.5	76.0	83.0	87.0	91.1	91.3	93.2	95.5	96.1	97.1	97.8	98.0	98.8	99.5	99.9	100.0
GE 000	72.5	76.0	83.0	87.0	91.1	91.3	93.2	95.5	96.1	97.1	97.8	98.0	98.8	99.5	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 920

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING	VISIBILITY IN STATUTE MILES															
IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.2	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3
GE 20000	19.4	19.4	19.4	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5	19.5
GE 18000	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 16000	19.5	19.5	19.5	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6	19.6
GE 14000	19.9	19.9	19.9	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0	20.0
GE 12000	20.5	20.5	20.6	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8
GE 10000	20.6	20.6	20.7	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9
GE 9000	21.5	21.6	21.7	21.8	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9	21.9
GE 8000	22.4	22.5	22.6	22.8	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9	22.9
GE 7000	23.9	24.1	24.2	24.3	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4	24.4
GE 6000	25.9	26.0	26.2	26.3	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4	26.4
GE 5000	27.3	27.4	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8	27.8
GE 4500	29.4	29.8	30.2	30.3	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4	30.4
GE 4000	30.7	31.2	31.7	31.9	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 3500	34.0	34.6	35.1	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 3000	42.0	43.3	44.0	44.2	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.6	44.7
GE 2500	50.8	52.7	54.2	54.8	55.3	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	56.0	56.0	56.1
GE 2000	58.6	60.9	63.3	64.1	65.2	65.7	66.0	66.3	66.4	66.6	66.6	66.6	66.8	67.0	67.1	67.2
GE 1800	60.6	62.9	65.4	66.4	67.5	67.9	68.3	68.6	68.7	68.9	68.9	68.9	69.1	69.2	69.3	69.4
GE 1500	66.5	69.1	73.6	75.0	76.7	77.1	77.5	78.2	78.5	78.8	78.8	78.8	79.0	79.1	79.2	79.4
GE 1200	70.5	73.7	79.2	81.0	83.2	83.9	84.4	85.3	85.6	85.8	86.0	86.0	86.2	86.3	86.5	86.7
GE 1000	71.6	74.9	80.9	82.9	85.2	85.8	86.3	87.6	88.0	88.2	88.5	88.5	88.7	88.8	88.9	89.2
GE 900	72.9	76.5	83.0	85.2	87.5	88.2	88.7	90.4	90.7	90.9	91.2	91.2	91.4	91.5	91.7	91.9
GE 800	72.9	76.5	83.5	85.7	88.2	88.8	89.4	91.2	91.5	91.8	92.1	92.1	92.3	92.4	9.6	93.0
GE 700	73.6	77.1	84.3	86.5	89.2	89.8	90.4	92.2	92.5	92.8	93.4	93.4	93.7	93.8	94.0	94.4
GE 600	73.7	77.5	84.6	86.9	90.0	90.7	91.3	93.3	93.6	93.9	94.6	94.6	95.0	95.2	95.4	95.8
GE 500	73.9	77.7	84.9	87.4	91.0	91.8	92.8	95.0	95.3	96.1	96.7	96.7	97.2	97.6	97.8	98.2
GE 400	74.0	77.8	85.2	87.6	91.3	92.1	93.3	95.6	95.9	96.6	97.3	97.3	97.8	98.3	98.5	98.8
GE 300	74.0	77.8	85.2	87.6	91.4	92.2	93.5	96.0	96.3	97.1	97.7	97.8	98.7	99.1	99.3	99.7
GE 200	74.0	77.9	85.3	87.8	91.5	92.3	93.7	96.2	96.5	97.3	97.9	98.0	99.0	99.5	99.7	100.0
GE 100	74.0	77.9	85.3	87.8	91.5	92.3	93.7	96.2	96.5	97.3	97.9	98.0	99.0	99.5	99.7	100.0
GE 000	74.0	77.9	85.3	87.8	91.5	92.3	93.7	96.2	96.5	97.3	97.9	98.0	99.0	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 923

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

CEILING IN FEET	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
NO CEIL	18.5	18.5	18.6	18.6	18.6	18.6	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7	18.7
GE 20000	19.9	20.0	20.0	20.0	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.1	20.2	20.2	20.2
GE 18000	20.7	20.8	20.8	20.8	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	20.9	21.0	21.0	21.0
GE 16000	20.8	20.8	20.8	20.9	20.9	20.9	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0	21.0
GE 14000	21.3	21.4	21.4	21.4	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.5	21.6	21.6	21.6	21.6
GE 12000	22.1	22.1	22.2	22.2	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.3	22.4
GE 10000	23.0	23.0	23.1	23.1	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.2	23.3	23.3	23.3
GE 9000	23.8	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1	24.1
GE 8000	24.8	24.8	24.9	24.9	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.0	25.1	25.1	25.1	25.1
GE 7000	25.9	26.0	26.1	26.1	26.2	26.2	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3	26.3
GE 6000	28.0	28.2	28.4	28.4	28.6	28.6	28.6	28.6	28.6	28.7	28.7	28.7	28.7	28.7	28.7	28.7
GE 5000	29.1	29.3	29.5	29.6	29.7	29.7	29.8	29.8	29.8	29.8	29.8	29.8	29.8	29.9	29.9	29.9
GE 4500	30.7	30.9	31.2	31.3	31.5	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
GE 4000	32.2	32.5	32.9	33.1	33.3	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.5	33.5	33.5
GE 3500	35.7	36.0	36.6	36.8	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.3	37.3	37.3	37.3
GE 3000	42.2	42.9	43.7	44.1	44.5	44.5	44.7	44.7	44.7	44.7	44.7	44.8	44.9	44.9	45.0	45.1
GE 2500	51.9	53.0	54.7	55.3	56.1	56.1	56.5	56.6	56.6	56.7	56.7	56.7	56.9	57.0	57.1	57.2
GE 2000	59.9	61.4	64.0	65.0	66.4	66.5	66.9	67.1	67.2	67.4	67.5	67.5	67.8	67.9	68.0	68.2
GE 1800	61.7	63.2	66.0	67.1	68.6	68.7	69.2	69.4	69.4	69.7	69.7	69.7	70.1	70.2	70.3	70.5
GE 1500	67.6	69.4	73.3	74.8	76.8	76.9	77.5	77.9	78.0	78.4	78.4	78.5	78.8	79.0	79.2	79.4
GE 1200	71.2	73.4	78.3	80.3	82.8	83.0	83.8	84.3	84.4	84.9	84.9	85.0	85.4	85.6	85.8	86.0
GE 1000	72.6	75.1	80.4	82.6	85.7	86.0	86.8	87.4	87.6	88.1	88.2	88.3	88.7	88.9	89.1	89.4
GE 900	73.4	76.0	81.5	83.8	87.0	87.4	88.3	89.0	89.1	89.6	89.8	89.8	90.3	90.5	90.7	91.0
GE 800	73.6	76.2	81.9	84.3	87.6	87.9	88.9	89.7	89.9	90.4	90.6	90.7	91.1	91.3	91.6	91.9
GE 700	73.9	76.6	82.5	84.9	88.3	88.7	89.8	90.6	90.9	91.4	91.7	91.8	92.4	92.6	92.8	93.1
CE 600	74.2	77.0	82.9	85.5	89.2	89.6	90.8	91.7	92.0	92.6	92.9	93.0	93.7	94.0	94.3	94.5
GE 500	74.8	77.7	84.0	86.8	90.9	91.4	92.9	94.0	94.3	95.1	95.5	95.6	96.4	96.9	97.2	97.4
GE 400	75.0	77.8	84.2	87.1	91.4	91.9	93.6	94.8	95.2	96.0	96.5	96.7	97.5	98.0	98.3	98.6
GE 300	75.0	77.9	84.3	87.3	91.7	92.2	94.1	95.4	95.8	96.7	97.2	97.4	98.3	98.9	99.3	99.6
GE 200	75.0	77.9	84.4	87.3	91.8	92.3	94.3	95.5	95.9	96.8	97.3	97.5	98.5	99.1	99.6	100.0
GE 100	75.0	77.9	84.4	87.3	91.8	92.3	94.3	95.5	95.9	96.8	97.3	97.5	98.6	99.1	99.6	100.0
GE 000	75.0	77.9	84.4	87.3	91.8	92.3	94.3	95.5	95.9	96.8	97.3	97.5	98.6	99.1	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 7406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	14.7	14.7	14.7	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.8	14.9	14.9	14.9
GE 20000	16.3	16.4	16.4	16.4	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.5	16.6	16.6	16.6
GE 18000	17.1	17.2	17.2	17.3	17.3	17.3	17.3	17.3	17.3	17.4	17.4	17.4	17.4	17.4	17.4	17.4
GE 16000	17.3	17.3	17.4	17.4	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.5	17.6	17.6	17.6
GE 14000	17.6	17.6	17.7	17.7	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.8	17.9	17.9
GE 12000	18.1	18.1	18.2	18.2	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.3	18.4	18.4	18.4	18.4
GE 10000	18.9	19.0	19.1	19.1	19.1	19.1	19.1	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.2	19.3
GE 9000	19.5	19.5	19.6	19.6	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.7	19.8	19.8	19.8
GE 8000	20.5	20.6	20.7	20.7	20.7	20.7	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.8	20.9	20.9
GE 7000	21.9	22.0	22.0	22.1	22.1	22.1	22.2	22.2	22.2	22.2	22.2	22.2	22.2	22.3	22.3	22.3
GE 6000	23.5	23.7	23.8	23.9	23.9	23.9	24.0	24.0	24.0	24.0	24.0	24.0	24.0	24.1	24.1	24.1
GE 5000	24.7	24.8	25.0	25.1	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.2	25.3	25.3	25.3	25.3
GE 4500	26.0	26.2	26.4	26.5	26.5	26.5	26.6	26.6	26.6	26.6	26.6	26.6	26.7	26.7	26.7	26.7
GE 4000	28.1	28.3	28.5	28.6	28.7	28.7	28.8	28.8	28.8	28.8	28.8	28.8	28.9	28.9	28.9	28.9
GE 3500	31.6	31.8	32.1	32.3	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.6	32.6	32.6	32.6
GE 3000	38.3	38.7	39.2	39.4	39.6	39.7	39.7	39.7	39.7	39.8	39.8	39.8	39.9	39.9	39.9	39.9
GE 2500	47.5	48.1	49.0	49.4	49.9	49.9	50.0	50.1	50.1	50.2	50.2	50.2	50.3	50.3	50.4	50.4
GE 2000	56.6	57.5	59.0	59.7	60.4	60.5	60.8	60.9	60.9	61.1	61.2	61.2	61.3	61.3	61.4	61.5
GE 1800	58.6	59.5	61.3	62.0	62.8	62.9	63.2	63.3	63.3	63.5	63.6	63.6	63.7	63.8	63.9	63.9
GE 1500	65.5	66.8	69.2	70.3	71.5	71.6	72.1	72.3	72.3	72.6	72.7	72.7	72.9	73.0	73.1	73.2
GE 1200	70.2	71.8	74.8	76.2	77.8	77.9	78.5	78.8	78.9	79.2	79.4	79.4	79.6	79.7	79.8	79.9
GE 1000	72.3	74.1	77.4	78.9	80.8	81.0	81.7	82.0	82.1	82.5	82.7	82.7	82.9	83.0	83.2	83.3
GE 900	73.6	75.5	79.0	80.7	82.7	83.0	83.7	84.1	84.1	84.6	84.8	84.8	85.1	85.2	85.3	85.4
GE 800	74.5	76.5	80.1	81.8	84.0	84.3	85.1	85.5	85.6	86.1	86.3	86.4	86.6	86.7	86.9	87.0
GE 700	75.5	77.6	81.5	83.3	85.7	86.1	87.0	87.4	87.5	88.0	88.3	88.4	88.7	88.8	88.9	89.0
GE 600	76.4	78.7	82.8	84.9	87.5	87.9	88.9	89.5	89.6	90.1	90.5	90.5	90.8	91.0	91.1	91.3
GE 500	77.5	80.0	84.5	87.0	90.2	90.8	92.2	92.9	93.1	93.8	94.1	94.2	94.6	94.8	95.0	95.1
GE 400	78.0	80.6	85.3	87.9	91.4	92.1	93.7	94.5	94.7	95.5	95.9	96.0	96.5	96.6	96.9	97.0
GE 300	78.2	80.8	85.7	88.4	92.1	92.9	94.7	95.7	95.9	96.8	97.3	97.4	98.0	98.2	98.5	98.7
GE 200	78.2	80.9	85.8	88.5	92.3	93.1	95.0	96.1	96.3	97.3	97.9	98.0	98.7	98.9	99.3	99.6
GE 100	78.2	80.9	85.8	88.5	92.3	93.1	95.0	96.1	96.3	97.4	98.0	98.1	98.9	99.1	99.7	100.0
GE 000	78.2	80.9	85.8	88.5	92.3	93.1	95.0	96.1	96.3	97.4	98.0	98.1	98.9	99.2	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS: 87101

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	7.7	15.2	18.7	54.6	3.8	77.1	.7	923
03-05	8.2	12.9	17.4	57.0	4.4	78.9	.8	924
06-08	5.2	12.4	20.9	57.6	3.9	82.4	1.0	919
09-11	3.5	13.7	21.7	57.4	3.7	82.8	1.1	917
12-14	4.1	13.5	28.9	50.0	3.5	82.4	.7	920
15-17	4.0	13.7	27.5	51.2	3.6	82.3	1.1	920
18-20	4.3	14.9	26.0	52.7	2.2	80.8	1.3	928
21-23	6.0	15.3	17.2	58.6	2.9	78.8	.7	923
ALL HOURS	5.0	13.0	22.0	54.0	3.0	80.0	.0	7374

MONTH: FEB HOURS: ALL

00-02	7.7	13.5	16.3	58.7	3.8	78.8	.4	845
03-05	8.6	10.8	14.4	64.1	2.0	80.6	.9	845
06-08	8.2	12.2	16.6	57.4	3.6	79.6	.2	843
09-11	7.4	11.2	23.6	54.2	3.5	81.3	1.2	847
12-14	6.1	11.6	30.5	49.8	2.0	82.3	1.2	842
15-17	4.0	12.3	32.5	48.8	2.4	83.7	1.4	845
18-20	3.1	11.9	26.5	56.7	1.8	85.0	1.1	840
21-23	5.7	12.3	21.1	58.2	2.7	82.0	.8	844
ALL HOURS	6.4	12.0	22.7	56.2	2.7	81.7	.9	6751

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	7.5	12.2	18.4	58.9	3.0	80.3	1.0	924
03-05	5.4	10.9	16.2	63.3	4.1	83.7	1.0	919
06-08	4.6	11.4	19.4	59.9	4.8	84.1	.5	923
09-11	2.4	14.0	23.9	56.2	3.6	83.7	1.1	924
12-14	2.7	11.5	29.4	54.2	2.2	85.8	.9	927
15-17	3.1	11.4	30.0	54.3	1.2	85.5	.8	924
18-20	3.4	13.8	26.0	54.5	2.4	82.9	1.1	923
21-23	6.1	12.6	21.9	57.4	1.9	81.3	1.0	925
ALL HOURS	4.0	12.0	23.0	57.0	2.0	83.0	.0	7389

MONTH: APR HOURS: ALL

00-02	2.2	10.3	15.9	70.0	1.6	87.5	.8	894
03-05	2.2	8.5	13.2	73.1	2.9	89.2	.8	892
06-08	1.6	8.9	17.8	69.2	2.5	89.5	.6	897
09-11	1.0	8.8	23.9	64.7	1.7	90.2	.8	897
12-14	.9	9.1	27.4	61.5	1.2	90.1	.3	895
15-17	1.2	8.9	28.5	60.4	1.0	89.9	.2	891
18-20	1.4	7.7	24.3	66.4	.2	90.9	.2	898
21-23	1.2	9.0	22.5	66.5	.8	89.8	.3	893
ALL HOURS	1.5	8.9	21.7	66.5	1.5	89.6	.5	7157

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

HOURS (LST)	AIRWAY CLASSES				TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST				
00-02	1.4	8.8	15.5	73.3	1.0	89.8	.2	920
03-05	2.1	8.2	12.0	77.2	.5	89.7		924
06-08	1.0	6.2	18.7	73.6	.5	92.9	.1	925
09-11	.3	5.3	22.7	71.6	.1	94.4		922
12-14	.5	5.1	26.9	67.1	.3	94.3	.1	918
15-17	.2	5.8	24.3	69.4	.3	94.0	.2	921
18-20	.5	5.9	25.0	68.0	.5	93.5		928
21-23	.5	8.0	21.3	69.4	.8	91.5	.2	928
ALL HOURS	.0	6.0	20.0	71.0	.0	92.0	.0	7386

MONTH: JUN HOURS: ALL

00-02	3.3	8.0	9.7	76.9	2.0	88.6	.2	898
03-05	2.6	6.8	12.4	76.1	2.1	90.6		897
06-08	1.8	4.0	13.3	78.5	2.5	94.2	.9	897
09-11	1.7	4.6	13.9	79.4	.4	93.7	.9	895
12-14	1.2	6.1	18.4	73.9	.3	92.7	1.0	886
15-17	1.2	7.2	21.9	69.6	.1	91.6	.2	891
18-20	1.6	7.3	21.0	69.9	.2	91.2	.2	895
21-23	2.8	7.5	16.4	72.6	.7	89.7	.6	889
ALL HOURS	2.0	6.4	15.9	74.6	1.0	91.5	.5	7148

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	.2	5.6	8.6	81.3	4.2	94.2	1.1	927
03-05	.9	3.5	6.6	83.5	5.6	95.7	.4	925
06-08	.5	3.6	9.8	81.3	4.8	95.9	1.4	928
09-11	.3	3.1	12.0	83.4	1.1	96.5	.4	923
12-14		4.8	15.1	80.1	.1	95.2	.1	923
15-17	.7	5.1	16.9	77.1	.2	94.2	.2	919
18-20	.8	5.5	18.5	74.6	.7	93.7	.1	920
21-23	.4	6.0	12.7	77.5	3.4	93.6	.8	920
ALL HOURS	.0	4.0	12.0	79.0	2.0	94.0	.0	7385

MONTH: AUG HOURS: ALL

00-02	1.5	4.8	9.6	78.8	5.3	93.6	.1	929
03-05	1.3	4.0	9.6	79.7	5.5	94.7		929
06-08	.4	3.3	13.7	77.4	5.1	96.2	.1	926
09-11	.2	3.9	14.3	79.3	2.3	95.9	.4	921
12-14	.5	4.4	18.3	76.7		95.0	.3	923
15-17	.4	5.2	19.0	75.2	.1	94.4	.1	924
18-20	.5	3.8	13.3	82.0	.3	95.7		929
21-23	.9	4.1	11.3	80.6	3.1	95.0		928
ALL HOURS	.7	4.2	13.6	78.7	2.7	95.1	.1	7409

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

HOURS (LST)	AIRWAY CLASSES					GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION			
00-02	2.2	10.5	17.0	69.7	.6	87.3		899
03-05	1.9	8.4	17.2	71.8	.7	89.7	.2	895
06-08	1.2	8.5	19.0	70.3	1.0	90.3	.2	897
09-11	.6	7.9	22.9	67.9	.8	91.5	.3	896
12-14		5.6	29.4	64.5	.4	94.4	.1	894
15-17		6.9	27.7	64.9	.4	93.1		898
18-20	.2	8.7	23.7	66.7	.7	91.1	.2	895
21-23	1.2	10.4	17.4	69.9	1.1	88.4	.6	898
ALL HOURS	.0	8.0	21.0	68.0	.0	90.0	.0	7172

MONTH: OCT HOURS: ALL

00-02	3.2	16.0	24.7	56.0	.1	80.8	.1	927
03-05	3.7	15.4	23.3	57.3	.3	80.9		928
06-08	3.3	13.7	27.5	55.3	.2	83.0		928
09-11	1.3	14.8	34.0	49.8	.1	83.9		926
12-14	1.1	12.0	38.6	48.2	.1	86.9	.1	925
15-17	1.0	10.8	37.6	50.5	.1	88.2		927
18-20	.9	10.0	33.2	55.7	.3	89.1		929
21-23	1.7	12.2	24.1	61.7	.2	86.1		925
ALL HOURS	2.0	13.1	30.4	54.3	.2	84.9	.0	7415

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	3.1	18.8	22.7	54.5	.9	78.1	.2	894
03-05	2.9	17.6	21.8	56.6	1.1	79.5	.1	898
06-08	3.4	17.3	22.5	56.0	.9	79.3	.2	895
09-11	1.7	12.5	29.1	55.5	1.2	85.8	.2	895
12-14	1.6	11.3	29.9	55.4	1.8	87.1		893
15-17	1.3	10.9	30.8	55.4	1.6	87.8		893
18-20	1.2	14.1	25.0	58.8	.9	84.7	.1	893
21-23	3.1	14.4	20.5	60.8	1.1	82.5	.1	896
ALL HOURS	2.0	14.0	25.0	56.0	1.0	83.0	.0	7157

MONTH: DEC HOURS: ALL

00-02	4.2	12.0	22.2	59.9	1.6	83.8	.1	926
03-05	4.4	13.4	20.0	59.6	2.6	82.2	.2	928
06-08	3.8	12.3	20.4	61.5	2.0	84.0	.4	930
09-11	1.9	14.3	23.7	58.2	1.8	83.7	.4	928
12-14	2.0	13.9	27.0	55.9	1.2	84.0	.4	927
15-17	1.3	12.9	28.7	55.6	1.5	85.8	.3	927
18-20	2.3	13.6	23.7	58.8	1.6	84.1	.1	920
21-23	3.1	13.4	20.2	61.4	1.8	83.4	.3	924
ALL HOURS	2.9	13.2	23.3	58.9	1.8	83.9	.3	710

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	3.7	11.3	16.6	66.1	2.3	85.0	.4	10906
03-05	3.7	10.0	15.4	68.3	2.7	86.3	.4	10904
06-08	2.9	9.5	18.3	66.7	2.6	87.7	.5	10908
09-11	1.8	9.5	22.1	64.8	1.7	88.7	.6	10891
12-14	1.7	9.1	26.6	61.5	1.1	89.2	.4	10873
15-17	1.5	9.2	27.1	61.1	1.0	89.2	.4	10880
18-20	1.7	9.7	23.8	63.8	1.0	88.6	.4	10898
21-23	2.7	10.4	18.9	66.3	1.7	86.9	.4	10893
ALL HOURS	2.5	9.8	21.1	64.8	1.8	87.7	.4	87153

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PPPPPPPPPP	AAAAAAAA	RRRRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPPPP	AA AA	RRRRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN.

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

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

TEMPERATURE CONVEPSIONS: $F = 1.8C + 32$

$C = K - 273.0$ (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: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 75							.2	.2	.1				.0
GE 70							.5	1.0	.2				.1
GE 65					.2	.7	3.9	3.9	.2	.1			.7
GE 60					.5	3.3	14.3	15.1	2.7	.2			3.0
GE 55			.1	.2	3.0	16.3	48.3	55.6	24.2	1.9	.2		12.6
GE 50	.1	.1	.2	1.1	13.7	54.9	90.5	95.9	73.9	15.3	2.1	.2	29.1
GE 45	1.7	1.5	3.3	11.1	49.4	89.7	99.8	100.0	98.6	51.9	15.1	3.2	43.8
GE 40	18.5	15.2	25.7	44.0	86.0	98.9	100.0		100.0	83.4	47.4	22.4	61.9
GE 35	53.2	49.9	60.1	72.0	96.9	100.0				96.4	78.5	58.3	80.5
GE 33	63.1	60.1	68.8	79.7	98.5					98.0	87.2	68.7	85.4
GE 30	74.3	71.2	78.8	89.6	99.8					99.4	94.3	80.9	90.7
GE 25	85.1	82.0	88.0	96.7	100.0					100.0	99.1	92.4	95.3
GE 20	92.2	90.8	94.2	99.6							100.0	97.8	97.9
GE 15	97.1	95.9	97.4	100.0								99.8	99.2
GE 10	99.2	99.5	99.5									100.0	99.8
GE 5	99.6	100.0	99.8										99.9
GE 0	100.0		100.0										100.0
MEAN	33.0	32.2	34.3	37.6	44.4	50.1	54.8	55.6	51.9	44.4	38.8	34.7	42.7
SD	7.79	8.00	7.70	6.22	5.05	4.77	4.64	4.24	3.79	5.23	5.62	6.37	10.27
TOTAL OBS	1262	1158	1271	1230	1245	1200	1240	1240	1200	1239	1170	1209	14664

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 55							.1	.2					.0
GE 50						.3	12.0	23.2	5.3	.2			3.4
GE 45					.7	14.1	68.5	81.9	40.6	2.8	.3		17.4
GE 40	1.6	.1	.2	.6	12.0	65.8	97.1	97.8	80.6	21.1	4.7	1.2	31.9
GE 35	12.9	7.1	6.1	13.7	52.7	94.8	99.9	100.0	95.9	54.5	23.2	13.2	47.9
GE 33	22.3	18.1	20.5	30.5	72.3	98.6	100.0		98.1	70.1	38.5	23.4	57.8
GE 30	36.2	32.1	39.8	50.5	89.8	99.9			99.9	87.1	58.3	40.9	69.6
GE 25	53.9	49.5	60.2	75.6	98.8	100.0			100.0	97.0	80.6	61.7	81.5
GE 20	67.8	66.5	74.3	89.2	99.9					99.1	94.2	78.5	89.1
GE 15	81.8	79.1	85.1	97.3	100.0					99.5	98.6	91.1	94.4
GE 10	91.0	89.4	91.7	99.6						100.0	99.8	97.8	97.4
GE 5	96.0	95.7	95.0	99.9							99.8	99.2	98.8
GE 0	98.5	99.2	98.2	100.0							100.0	99.9	99.6
GE -5	99.8	100.0	99.7									100.0	100.0
GE -10	100.0		99.8										100.0
GE -15			100.0										100.0
MEAN	23.9	23.0	24.6	28.3	34.7	40.7	45.8	47.1	43.1	35.0	30.0	26.1	33.5
SD	9.85	9.47	9.36	6.29	4.07	3.54	3.05	3.18	4.39	5.33	6.27	7.85	10.70
TOTAL OBS	1271	1157	1271	1230	1270	1230	1240	1240	1200	1239	1170	1239	14757

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 65								.2					.0
GE 60							.5	1.9	.1				.2
GE 55						.5	11.1	16.0	2.2	.1			2.5
GE 50					.6	13.7	59.8	75.5	32.1	1.5	.1		15.4
GE 45	.2			.4	10.9	63.9	97.8	99.4	82.2	17.5	2.9	.1	31.3
GE 40	5.0	2.5	3.2	12.1	54.8	94.8	100.0	100.0	98.6	56.2	17.8	6.4	46.0
GE 35	29.6	26.0	35.0	48.6	90.6	99.8			100.0	88.2	55.0	33.9	67.3
GE 33	40.8	37.0	48.1	60.2	95.3	100.0				93.1	67.1	45.7	74.0
GE 30	54.7	50.4	61.5	76.0	98.4					97.7	82.5	60.5	81.8
GE 25	71.7	69.3	76.7	90.3	100.0					99.5	95.3	80.0	90.2
GE 20	84.9	80.9	87.7	97.4						99.9	99.3	93.3	95.3
GE 15	92.9	91.3	93.9	99.8						100.0	99.9	98.3	98.0
GE 10	97.5	97.3	97.1	100.0							100.0	99.8	99.3
GE 5	99.1	99.7	99.5									100.0	99.9
GE 0	99.8	100.0	99.8										100.0
GE -5	100.0		99.9										100.0
GE -10			100.0										100.0
MEAN	28.7	27.9	29.7	33.2	39.8	45.7	50.6	51.6	47.8	39.9	34.6	30.6	38.4
SD	8.50	8.36	8.17	5.92	4.08	3.57	3.26	3.20	3.61	4.88	5.59	6.79	10.25
TOTAL OBS	1262	1157	1271	1230	1245	1200	1240	1240	1200	1239	1170	1209	14663

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	38	40	42	45	56	56	60	64	55	53	48	44	64
50	47	38	41	45	47	57	62	69	59	51	43	43	69
51	41	45	42	47	55	58	61	61	62	54	47	47	62
52	48	43	44	41	52	60	60	62	64	51	47	37	64
53	39	48	38	46	54	69	68	75	55	52	*	*	75*
54	38*	38	47	48	44*	*							48*
55	44	46	47	48	53	55	70	62	57	50	47	45	70
56	39	46	43	48	49	55	67	68	59	56	47	39	68
57	44	50	44	47	62	65	59	63	60	55	49	45	65
58	37	44	43	55	57	60	60	59	58	61	45	42	61
59	40	44	41	47	58	56	63	62	55	58	50	41	63
60	46	45	42	42	52	58	77	71	70	57	48	43	77
61	43	39	42	47	52	58	76	75	58	54	49	47	76
62	43	44	44	44	49	65	63	69	60	52	47	44	69
63	48	41	47	47	58	56	61	65	60	58	43	43	65
64	43	44	48	49	65	63	61	61	57	69	50	45	69
65	42	43	47	58	49	57	65	59	63	49	50	43	65
66	43	46	36	46	53	56	63	58	57	50	48	41	63
67	44	40	51	50	58	63	67	67	56	54	49	42	67
68	42	43	43	50	62	57	72	60	60	51	45	46	72
69	49	41	43	47	59	57	69	73	60	50	48	41	73
70	43	41	47	45	52	64	60	74	62	55	54	51	74
71	38	45	44	44	45	60	71	71	59	56	49	49	71
72	44	41	45	44	59	51	62	62	61	53	46	45	62
73	50	43	45	44	49	58	56	64	59	53	51	54	64
74	48	40	56	49	55	56	62	63	58	56	47	42	63
75	43	40	42	47	50	64	64	67	57	52	42	50	67
76	38	40	41	43	50	65	64	70	57	52	41	44	70
77	44	43	47	48	53	60	69	62	63	58	45	44	69
78	40	42	43	47	51	58	65	72	59	54	50	47	72
79	45	42	48	53	67	63	67	60	63	53	56	48	67
80	40	42	43	47	54	57	68	62	58	52	47	43	68

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912

MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	42	46	47	53	62	63	65	64	59	54	54	42	65
82	42	43	50	44	48	58	66	71	56	52	48	39	71
83	43	41	45	49	56	65	62	63	59	53	47	45	65
84	40	39	47	47	57	60	65	73	61	53	48	48	73
85	45	45	44	40	52	68	65	63	76	58	49	44	76
86	40	41	41	48	54	58	69	62	59	57	59	44	69
87	44	41	45	47	50	58	69	67	59	57	46	44	69
88	42	42	44	46	51	62	62	63	58	53	47	45	63
89	43	46	42	47	53	63	63	71	61	55	49	43	71
GREATEST	50	50	56	58	67	69	77	75	76	69	59	54	77
TOTAL OBS	1262	1158	1271	1230	1245	1200	1240	1240	1200	1239	1170	1209	14664

THE GREATEST VALUE OF 77 OCCURRED ON 07/13/60

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: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	13	12	23	23	28	35	43	44	35	26	15	10	10
82	7	2	16	16	24	35	33	38	33	24	23	15	2
83	-6	13	21	22	32	33	39	43	33	18	19	24	-6
84	16	4	0	17	25	35	38	43	37	26	20	25	0
85	19	-2	12	5	24	32	42	40	34	27	24	17	-2
86	5	2	0	11	25	33	39	42	38	27	13	2	0
87	12	11	13	23	25	32	36	40	36	26	13	7	7
88	9	5	10	12	28	34	43	39	30	28	10	12	5
89	-8	22	11	22	30	33	38	45	37	29	13	10	-8

LEAST	-8	-4	-13	4	18	29	33	36	27	10	1	-1	-13
TOTAL OBS	1271	1157	1271	1230	1270	1230	1240	1240	1200	1259	1170	1239	14757

THE LEAST VALUE OF -13 OCCURRED ON 03/12/71

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: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
49	28	28	32	31	39	46	50	50	48	41	36	32	38
50	34	25	33	33	39	44	50	53	47	41	33	30	39
51	26	34	29	36	42	46	50	51	47	41	35	32	39
52	32	28	29	30	39	44	48	49	46	41	36	25	37
53	26	26	26	35	40	47	53	53	47	37	*	*	39*
54	26*	21	31	33	38*	*							29*
55	30	31	32	32	39	44	50	50	46	36	35	29	38
56	18	25	23	30	39	44	50	52	48	39	30	27	35
57	35	29	31	36	41	49	50	52	49	44	38	28	40
58	26	31	34	38	41	46	49	50	48	41	34	31	39
59	29	33	20	31	41	43	48	52	48	42	36	26	37
60	32	30	26	26	40	45	52	51	47	41	33	34	38
61	31	25	25	33	42	45	50	51	48	39	36	27	38
62	23	34	31	32	39	45	52	52	47	40	36	29	38
63	34	29	35	33	41	46	51	51	49	38	29	32	39
64	30	26	29	33	38	47	48	49	47	40	33	31	38
65	28	25	36	35	36	45	49	50	49	37	36	29	38
66	33	32	22	35	38	44	49	49	45	34	32	28	37
67	27	29	35	38	42	47	53	52	47	38	38	31	40
68	28	24	31	34	43	46	53	52	47	39	36	31	39
69	32	28	33	35	42	47	53	54	50	43	34	31	40
70	23	28	32	32	41	48	52	50	47	40	38	31	39
71	22	26	20	28	35	41	48	49	45	39	33	33	37
72	27	22	17	30	39	42	49	50	48	40	35	31	36
73	23	31	29	32	36	43	48	50	47	39	38	30	37
74	30	19	29	32	42	46	50	53	49	41	34	28	38
75	25	24	27	32	39	46	51	53	47	40	30	28	37
76	26	24	22	28	37	45	50	51	46	39	31	28	36
77	36	34	31	31	40	50	54	54	50	39	31	30	40
78	34	29	31	38	41	47	50	55	49	40	38	35	41
79	35	29	36	41	44	51	53	52	49	42	35	27	41
80	24	26	34	36	42	46	53	52	48	41	37	32	39

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 703160

STATION NAME: COLD BAY ALASKA
LST TO UTC: +09

PERIOD OF RECORD: 4901-8912
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
81	31	30	36	39	45	48	53	52	48	41	34	31	41
82	30	27	34	32	38	45	47	50	45	38	36	31	38
83	25	32	34	37	42	49	52	52	48	40	35	38	40
84	31	19	34	32	38	47	50	55	50	41	37	37	39
85	36	28	30	27	39	43	51	51	50	40	39	36	39
86	25	29	27	32	38	45	52	51	50	42	37	35	39
87	31	31	34	34	39	45	51	53	47	41	30	29	39
88	31	30	26	31	41	46	51	51	47	41	33	31	38
89	22	35	32	34	41	46	51	54	50	43	32	32	39
MEAN	28.7	27.9	29.7	33.2	39.8	45.7	50.6	51.6	47.8	39.9	34.6	30.6	38.4
TOTAL OBS	1262	1157	1271	1230	1245	1200	1240	1240	1200	1239	1170	1209	14663

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: 703160

STATION NAME: COLD BAY, 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	28.5	8.590	923	6	527	0	0	0	923
03-05	28.4	8.598	923	9	538	0	0	0	923
06-08	28.6	8.640	918	10	526	0	0	0	918
09-11	29.0	8.576	915	10	499	0	0	0	915
12-14	30.2	8.133	919	8	459	0	0	0	919
15-17	30.4	8.065	919	3	437	0	0	0	919
18-20	29.1	8.448	928	3	498	0	0	0	928
21-23	28.7	8.466	922	5	532	0	0	0	922
ALL HOURS	29.1	8.459	7367	54	4016	0	0	0	7367

MONTH: FEB

00-02	28.2	8.661	844	0	495	0	0	0	844
03-05	27.9	8.697	845	2	508	0	0	0	845
06-08	27.7	8.594	841	0	530	0	0	0	841
09-11	28.1	8.647	846	0	513	0	0	0	846
12-14	30.3	8.389	838	0	394	0	0	0	838
15-17	30.9	8.358	844	0	364	0	0	0	844
18-20	29.2	8.578	838	0	423	0	0	0	838
21-23	28.4	8.648	841	0	474	0	0	0	841
ALL HOURS	28.8	8.667	6737	2	3701	0	0	0	6737

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 0	LE 32	GE 65	GE 80	GE 93	
00-02	30.4	6.286	922	0	474	0	0	0	922
03-05	30.2	6.358	919	0	466	0	0	0	919
06-08	29.9	6.514	922	0	485	0	0	0	922
09-11	31.0	6.366	924	1	433	0	0	0	924
12-14	33.8	5.943	927	0	314	0	0	0	927
15-17	34.6	6.010	923	0	277	0	0	0	923
18-20	32.8	5.965	922	0	342	0	0	0	922
21-23	31.0	5.935	924	0	440	0	0	0	924
ALL HOURS	31.7	6.336	7383	1	3231	0	0	0	7383

MONTH: APR

00-02	31.6	5.870	894	0	401	0	0	0	894
03-05	31.1	5.962	890	0	425	0	0	0	890
06-08	31.1	5.972	897	0	423	0	0	0	897
09-11	33.3	5.912	896	0	315	0	0	0	896
12-14	35.6	6.214	894	0	243	0	0	0	894
15-17	36.1	6.314	890	0	239	0	0	0	890
18-20	34.6	5.948	897	0	267	0	0	0	897
21-23	32.5	5.721	893	0	347	0	0	0	893
ALL HOURS	33.2	6.308	7151	0	2660	0	0	0	7151

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	37.2	3.940	920	0	106	0	0	0	920
03-05	36.6	3.994	923	0	137	0	0	0	923
06-08	37.2	3.988	925	0	115	0	0	0	925
09-11	40.1	4.333	921	0	43	0	0	0	921
12-14	42.3	4.665	918	0	19	0	0	0	918
15-17	42.9	4.518	921	0	13	0	0	0	921
18-20	41.4	4.425	928	0	24	0	0	0	928
21-23	38.7	3.956	928	0	52	0	0	0	928
ALL HOURS	39.5	4.805	7384	0	509	0	0	0	7384

MONTH: JUN

00-02	42.9	3.198	898	0	3	0	0	0	898
03-05	42.4	3.224	896	0	10	0	0	0	896
06-08	43.1	3.231	897	0	4	0	0	0	897
09-11	45.9	3.602	894	0	0	0	0	0	894
12-14	48.0	4.338	884	0	0	1	0	0	884
15-17	48.8	4.525	891	0	0	1	0	0	891
18-20	47.4	4.077	895	0	0	0	0	0	895
21-23	44.8	3.339	889	0	0	0	0	0	889
ALL HOURS	45.4	4.447	7144	0	17	2	0	0	7144

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	48.0	2.969	927	0	0	0	0	0	927
03-05	47.6	3.065	923	0	0	0	0	0	923
06-08	47.9	3.032	927	0	0	0	0	0	927
09-11	50.2	3.241	922	0	0	1	0	0	922
12-14	52.6	4.062	921	0	0	11	0	0	921
15-17	53.4	4.360	918	0	0	18	0	0	918
18-20	51.8	3.753	919	0	0	1	0	0	919
21-23	49.3	2.962	920	0	0	0	0	0	920
ALL HOURS	50.1	4.058	7377	0	0	31	0	0	7377

MONTH: AUG

00-02	49.4	2.635	929	0	0	0	0	0	929
03-05	49.1	2.711	929	0	0	0	0	0	929
06-08	49.3	2.647	926	0	0	0	0	0	926
09-11	51.4	2.600	921	0	0	0	0	0	921
12-14	53.9	3.375	922	0	0	11	0	0	922
15-17	54.3	3.471	924	0	0	12	0	0	924
18-20	52.5	2.815	929	0	0	2	0	0	929
21-23	50.3	2.408	927	0	0	0	0	0	927
ALL HOURS	51.3	3.524	7407	0	0	25	0	0	7407

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	46.5	3.777	899	0	0	0	0	0	899
03-05	46.2	3.961	895	0	2	0	0	0	895
06-08	46.0	4.004	896	0	3	0	0	0	896
09-11	48.2	3.566	896	0	1	0	0	0	896
12-14	50.5	3.448	894	0	0	1	0	0	894
15-17	50.6	3.447	898	0	0	2	0	0	898
18-20	48.7	3.409	895	0	0	0	0	0	895
21-23	46.9	3.655	898	0	0	0	0	0	898
ALL HOURS	47.9	4.023	7171	0	6	3	0	0	7171

MONTH: OCT

00-02	39.2	5.492	927	0	117	0	0	0	927
03-05	39.0	5.421	928	0	136	0	0	0	928
06-08	39.0	5.256	928	0	108	0	0	0	928
09-11	40.3	5.377	926	0	80	0	0	0	926
12-14	43.2	4.959	925	0	31	0	0	0	925
15-17	43.2	4.786	927	0	37	0	0	0	927
18-20	40.9	4.815	929	0	61	0	0	0	929
21-23	39.5	5.368	925	0	95	0	0	0	925
ALL HOURS	40.5	5.510	7415	0	665	0	0	0	7415

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 0	LE 32	GE 65	GE 80	GE 93	
00-02	34.7	5.968	894	0	299	0	0	0	894
03-05	34.5	5.900	898	0	316	0	0	0	898
06-08	34.4	6.112	894	0	307	0	0	0	894
09-11	34.9	6.094	895	0	274	0	0	0	895
12-14	36.6	6.032	893	0	199	0	0	0	893
15-17	36.7	6.023	893	0	202	0	0	0	893
18-20	35.1	5.975	893	0	267	0	0	0	893
21-23	34.6	5.979	896	0	296	0	0	0	896
ALL HOURS	35.2	6.008	7156	0	2160	0	0	0	7156

MONTH: DEC

00-02	32.9	6.831	926	0	321	0	0	0	926
03-05	32.9	6.692	927	0	312	0	0	0	927
06-08	32.9	6.754	930	0	318	0	0	0	930
09-11	33.0	6.753	928	0	300	0	0	0	928
12-14	34.1	6.544	926	0	264	0	0	0	926
15-17	34.2	6.415	927	0	259	0	0	0	927
18-20	33.3	6.473	920	0	302	0	0	0	920
21-23	33.1	6.612	923	0	316	0	0	0	923
ALL HOURS	33.3	6.689	7407	0	2392	0	0	0	7407

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	37.5	9.306	10903	6	2743	0	0	0	10903
03-05	37.2	9.268	10896	11	2850	0	0	0	10896
06-08	37.3	9.353	10901	10	2819	0	0	0	10901
09-11	38.8	9.901	10884	11	2458	1	0	0	10884
12-14	41.0	10.078	10861	8	1923	24	0	0	10861
15-17	41.4	10.127	10875	3	1828	33	0	0	10875
18-20	39.8	9.981	10893	3	2184	3	0	0	10893
21-23	38.2	9.471	10886	5	2552	0	0	0	10886
ALL HOURS	38.9	9.813	87099	57	19357	61	0	0	87099

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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		
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	27.3	8.343	923	600	0	0	0	0	923
03-05	27.3	8.413	923	598	0	0	0	0	923
06-08	27.5	8.437	918	587	0	0	0	0	918
09-11	27.7	8.311	914	576	0	0	0	0	914
12-14	28.7	7.850	919	543	0	0	0	0	919
15-17	28.9	7.831	919	534	0	0	0	0	919
18-20	27.8	8.198	928	593	0	0	0	0	928
21-23	27.5	8.233	922	604	0	0	0	0	922
ALL HOURS	27.8	8.197	7366	4635	0	0	0	0	7366

MONTH: FEB

00-02	26.9	8.418	844	550	0	0	0	0	844
03-05	26.6	8.454	845	585	0	0	0	0	845
06-08	26.6	8.423	841	580	0	0	0	0	841
09-11	26.9	8.486	846	575	0	0	0	0	846
12-14	28.6	8.130	838	481	0	0	0	0	838
15-17	29.0	8.047	843	449	0	0	0	0	843
18-20	27.8	8.310	838	501	0	0	0	0	838
21-23	27.1	8.381	841	538	0	0	0	0	841
ALL HOURS	27.4	8.369	6736	4259	0	0	0	0	6736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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			
				LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
00-02	29.1	6.185	922	562	0	0	0	0	922
03-05	29.0	6.263	919	566	0	0	0	0	919
06-08	28.8	6.370	922	598	0	0	0	0	922
09-11	29.6	6.161	924	526	0	0	0	0	924
12-14	31.8	5.664	927	396	0	0	0	0	927
15-17	32.3	5.701	922	349	0	0	0	0	922
18-20	31.0	5.820	922	420	0	0	0	0	922
21-23	29.7	5.828	924	545	0	0	0	0	924
ALL HOURS	30.2	6.150	7382	3962	0	0	0	0	7382

MONTH: APR

00-02	30.3	5.750	894	487	0	0	0	0	894
03-05	29.9	5.842	890	506	0	0	0	0	890
06-08	29.9	5.895	897	525	0	0	0	0	897
09-11	31.6	5.687	896	417	0	0	0	0	896
12-14	33.1	5.764	894	325	0	0	0	0	894
15-17	33.4	5.763	890	326	0	0	0	0	890
18-20	32.4	5.563	896	365	0	0	0	0	896
21-23	30.9	5.569	893	461	0	0	0	0	893
ALL HOURS	31.4	5.904	7150	3412	0	0	0	0	7150

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 32	GE 50	GE 67	GE 73	GE 80	
00-02	35.8	3.686	920	173	0	0	0	0	920
03-05	35.4	3.878	923	193	0	0	0	0	923
06-08	35.9	3.846	924	177	0	0	0	0	924
09-11	37.8	3.863	921	82	0	0	0	0	921
12-14	39.2	3.883	918	57	0	0	0	0	918
15-17	39.5	3.689	921	42	0	0	0	0	921
18-20	38.6	3.707	928	66	0	0	0	0	928
21-23	36.9	3.683	928	118	0	0	0	0	928
ALL HOURS	37.4	4.108	7383	908	0	0	0	0	7383

MONTH: JUN

00-02	41.6	2.919	897	9	0	0	0	0	897
03-05	41.1	3.150	896	12	0	0	0	0	896
06-08	41.7	3.030	897	9	0	0	0	0	897
09-11	43.6	2.875	894	1	23	0	0	0	894
12-14	44.9	3.140	883	0	59	0	0	0	883
15-17	45.3	3.131	891	0	84	0	0	0	891
18-20	44.4	3.023	895	0	46	0	0	0	895
21-23	42.8	2.763	889	0	8	0	0	0	889
ALL HOURS	43.2	3.368	7142	31	220	0	0	0	7142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	46.7	2.758	927	0	146	0	0	0	927
03-05	46.4	2.884	923	0	123	0	0	0	923
06-08	46.7	2.837	927	0	145	0	0	0	927
09-11	48.3	2.817	922	0	306	0	0	0	922
12-14	49.8	3.354	921	0	451	0	0	0	921
15-17	50.2	3.357	917	0	494	0	0	0	917
18-20	49.2	3.047	918	0	399	0	0	0	918
21-23	47.6	2.799	920	0	213	0	0	0	920
ALL HOURS	48.1	3.29	7375	0	2277	0	0	0	7375

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	48.1	2.616	929	0	285	0	0	0	929
03-05	48.0	2.742	929	0	266	0	0	0	929
06-08	48.1	2.644	926	0	268	0	0	0	926
09-11	49.6	2.634	920	0	433	0	0	0	920
12-14	51.1	2.841	921	0	623	0	0	0	921
15-17	51.4	2.854	924	0	654	0	0	0	924
18-20	50.2	2.563	929	0	543	0	0	0	929
21-23	48.8	2.534	927	0	349	0	0	0	927
ALL HOURS	49.4	3.007	7405	0	3421	0	0	0	7405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 32	GE 50	GE 67	GE 73	GE 80	
00-02	44.9	3.894	898	1	127	0	0	0	898
03-05	44.6	4.138	895	3	115	0	0	0	895
06-08	44.4	4.078	895	5	97	0	0	0	895
09-11	45.9	3.683	896	1	150	0	0	0	896
12-14	47.3	3.538	894	0	248	0	0	0	894
15-17	47.4	3.497	898	0	255	0	0	0	898
18-20	46.3	3.572	895	0	165	0	0	0	895
21-23	45.1	3.926	898	0	133	0	0	0	898
ALL HOURS	45.7	3.901	7169	10	1290	0	0	0	7169

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	37.4	5.481	927	175	5	0	0	0	927
03-05	37.3	5.441	927	180	3	0	0	0	927
06-08	37.3	5.312	927	162	3	0	0	0	927
09-11	38.3	5.197	926	129	9	0	0	0	926
12-14	40.3	4.863	924	74	16	0	0	0	924
15-17	40.2	4.794	927	73	11	0	0	0	927
18-20	38.7	4.989	929	106	8	0	0	0	929
21-23	37.7	5.414	925	148	14	0	0	0	925
ALL HOURS	38.4	5.370	7412	1047	69	0	0	0	7412

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	33.0	5.696	894	378	0	0	0	0	894
03-05	32.9	5.763	897	396	0	0	0	0	897
06-08	32.9	5.916	894	395	0	0	0	0	894
09-11	33.2	5.818	895	360	1	0	0	0	895
12-14	34.7	5.721	893	292	0	0	0	0	893
15-17	34.7	5.733	893	279	0	0	0	0	893
18-20	33.4	5.750	893	333	0	0	0	0	893
21-23	33.0	5.728	896	374	0	0	0	0	896
ALL HOURS	33.5	5.835	7155	2807	1	0	0	0	7155

MONTH: DEC

00-02	31.6	6.584	926	395	0	0	0	0	926
03-05	31.6	6.423	927	401	0	0	0	0	927
06-08	31.6	6.481	929	395	0	0	0	0	929
09-11	31.7	6.554	928	375	0	0	0	0	928
12-14	32.6	6.323	926	325	0	0	0	0	926
15-17	32.7	6.201	927	335	0	0	0	0	927
18-20	32.0	6.206	920	383	0	0	0	0	920
21-23	31.9	6.408	923	385	0	0	0	0	923
ALL HOURS	32.0	6.371	7406	2994	0	0	0	0	7406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	36.1	9.207	10901	3330 563 0 0 0	10901
03-05	35.9	9.185	10894	3440 507 0 0 0	10894
06-08	36.0	9.238	10897	3433 513 0 0 0	10897
09-11	37.1	9.551	10882	3042 922 0 0 0	10882
12-14	38.6	9.474	10858	2493 1397 0 0 0	10858
15-17	38.8	9.443	10872	2387 1498 0 0 0	10872
18-20	37.7	9.489	10891	2767 1161 0 0 0	10891
21-23	36.6	9.266	10886	3173 717 0 0 0	10886
ALL HOURS	37.1	9.418	87081	24065 7278 0 0 0	87081

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	
				LE 27	GE 37	LE 55	GE 65	HOURS
00-02	24.3	9.488	923	468	20	923	0	923
03-05	24.4	9.548	923	477	23	923	0	923
06-08	24.5	9.629	918	465	27	918	0	918
09-11	24.6	9.551	914	450	24	914	0	914
12-14	25.3	9.242	919	446	36	919	0	919
15-17	25.5	9.151	919	445	42	919	0	919
18-20	24.6	9.384	928	473	28	928	0	928
21-23	24.4	9.335	922	482	20	922	0	922
ALL HOURS	24.7	9.445	7366	3706	220	7366	0	7366

MONTH: FEB

00-02	23.5	9.538	844	478	38	844	0	838
03-05	23.3	9.623	845	492	43	845	0	838
06-08	23.6	9.456	841	473	37	841	0	838
09-11	23.6	9.725	846	467	42	846	0	838
12-14	24.8	9.394	838	423	54	838	0	838
15-17	25.1	9.200	843	418	50	843	0	838
18-20	24.3	9.375	838	432	37	838	0	838
21-23	23.8	9.355	841	458	37	841	0	838
ALL HOURS	24.0	9.498	6736	3641	338	6736	0	6736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	26.3	7.466	922	388	8	922	0	922
03-05	26.2	7.391	919	386	8	919	0	919
06-08	26.1	7.500	922	399	7	922	0	922
09-11	26.6	7.309	924	382	11	924	0	924
12-14	27.9	7.166	927	329	44	927	0	927
15-17	28.3	7.123	922	331	70	922	0	922
18-20	27.5	7.134	922	339	38	922	0	922
21-23	26.7	7.100	924	378	19	924	0	924
ALL HOURS	27.0	7.349	7382	2932	205	7382	0	7382

MONTH: APR

00-02	27.5	6.707	894	364	36	894	0	894
03-05	27.2	6.937	890	381	39	890	0	894
06-08	27.2	6.899	897	377	44	897	0	894
09-11	28.2	6.679	896	356	69	896	0	894
12-14	28.9	6.667	894	330	88	894	0	894
15-17	28.9	6.789	890	319	89	890	0	894
18-20	28.6	6.604	896	331	76	896	0	894
21-23	27.9	6.681	893	345	48	893	0	894
ALL HOURS	28.1	6.810	7150	2803	489	7150	0	7150

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	33.6	4.286	920	83	264	920	0	920
03-05	33.4	4.405	923	86	256	923	0	923
06-08	33.8	4.299	924	75	261	924	0	924
09-11	34.6	4.454	921	71	337	921	0	921
12-14	35.0	4.400	918	67	374	918	0	918
15-17	35.1	4.436	921	59	391	921	0	921
18-20	34.7	4.334	928	63	347	928	0	928
21-23	34.1	4.338	928	71	304	928	0	928
ALL HOURS	34.3	4.470	7383	575	2534	7383	0	7383

MONTH: JUN

00-02	39.9	3.116	897	0	772	897	0	883
03-05	39.6	3.325	896	3	757	896	0	883
06-08	40.1	3.233	897	4	795	897	0	883
09-11	41.1	3.084	894	0	834	894	0	883
12-14	41.5	3.462	883	0	827	882	0	883
15-17	41.6	3.440	891	0	830	890	0	883
18-20	41.1	3.331	895	0	824	895	0	883
21-23	40.5	3.180	889	0	808	889	0	883
ALL HOURS	40.7	3.426	7142	7	6447	7140	0	7142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	3.078	927	0	925	925	0	927
03-05	45.6	3.085	923	0	916	923	0	923
06-08	45.8	3.197	927	0	920	927	0	927
09-11	46.7	3.250	922	0	922	921	0	922
12-14	47.3	3.618	921	0	919	911	0	921
15-17	47.4	3.455	917	0	917	903	0	917
18-20	47.0	3.278	918	0	917	908	0	918
21-23	46.3	3.177	920	0	919	915	0	920
ALL HOURS	46.5	3.406	7375	0	7355	7333	0	7375

MONTH: AUG

00-02	47.3	3.301	929	0	927	926	0	921
03-05	47.2	3.204	929	0	927	926	0	921
06-08	47.2	3.209	926	0	925	922	0	921
09-11	48.2	3.286	920	0	920	911	0	921
12-14	48.8	3.533	921	0	921	895	0	921
15-17	48.9	3.485	924	0	923	900	0	921
18-20	48.5	3.260	929	0	929	921	0	921
21-23	47.7	3.143	927	0	927	923	0	921
ALL HOURS	48.0	3.445	7405	0	7399	7324	0	7405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	43.3	4.901	898	0	818	898	0	898
03-05	43.1	4.931	895	0	803	895	0	895
06-08	42.8	4.977	895	0	784	895	0	895
09-11	43.8	4.730	896	0	822	895	0	896
12-14	44.3	4.980	894	0	825	887	0	894
15-17	44.2	4.799	898	0	839	894	0	898
18-20	43.9	4.717	895	0	827	894	0	895
21-23	43.3	5.037	898	1	807	898	0	898
ALL HOURS	43.6	4.966	7169	1	6525	7156	0	7169

MONTH: OCT

00-02	34.9	6.410	927	119	398	927	0	924
03-05	34.9	6.379	927	119	379	927	0	924
06-08	34.8	6.254	927	113	385	927	0	924
09-11	35.5	6.165	926	87	419	926	0	924
12-14	36.5	6.134	924	72	501	924	0	924
15-17	36.2	6.176	927	95	475	927	0	924
18-20	35.6	6.233	929	98	422	929	0	924
21-23	35.0	6.445	925	120	382	925	0	924
ALL HOURS	35.4	6.343	7412	823	3361	7412	0	7412

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	30.1	6.634	894	298	128	894	0	894
03-05	30.0	6.728	897	299	136	897	0	897
06-08	30.0	6.868	894	296	135	894	0	894
09-11	30.3	6.706	89	276	133	895	0	895
12-14	31.5	6.715	893	249	190	893	0	893
15-17	31.5	6.728	893	223	199	893	0	893
18-20	30.6	6.643	893	248	140	893	0	893
21-23	30.1	6.572	896	282	123	896	0	896
ALL HOURS	30.5	6.759	7155	2171	1184	7155	0	7155

MONTH: DEC

00-02	29.2	7.376	926	270	102	926	0	926
03-05	29.2	7.214	927	280	99	927	0	926
06-08	29.3	7.204	929	263	98	929	0	926
09-11	29.2	7.326	928	273	103	928	0	926
12-14	29.8	7.195	926	258	113	926	0	926
15-17	30.0	6.903	927	250	125	927	0	926
18-20	29.5	6.959	920	263	105	920	0	926
21-23	29.5	7.103	923	270	104	923	0	926
ALL HOURS	29.5	7.200	7406	2127	849	7406	0	7406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	33.9	10.314	10901	2468	4436	10896	0	10901
03-05	33.7	10.301	10894	2523	4386	10891	0	10894
06-08	33.8	10.297	10897	2465	4418	10893	0	10897
09-11	34.4	10.508	10882	2362	4636	10871	0	10882
12-14	35.2	10.348	10858	2174	4892	10814	0	10858
15-17	35.3	10.261	10872	2140	4950	10829	0	10872
18-20	34.7	10.350	10891	2247	4690	10872	0	10891
21-23	34.2	10.280	10886	2407	4498	10877	0	10886
ALL HOURS	34.4	10.348	87081	18786	36906	86943	0	87081

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

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	100.0	100.0	100.0	100.0	98.6	89.8	66.7	29.3	83.0	923
03-05	100.0	100.0	100.0	100.0	99.8	97.6	89.9	69.0	31.3	83.6	923
06-08	100.0	100.0	100.0	99.9	99.7	97.7	88.7	68.4	31.6	83.4	918
09-11	100.0	100.0	99.9	99.7	99.6	98.0	85.4	63.1	29.0	82.6	914
12-14	100.0	100.0	100.0	99.7	98.9	95.3	81.6	58.5	24.3	80.8	919
15-17	100.0	100.0	100.0	100.0	99.6	96.0	82.5	59.5	23.2	80.8	919
18-20	100.0	100.0	100.0	100.0	99.7	97.8	87.1	62.5	27.6	82.2	928
21-23	100.0	100.0	100.0	100.0	99.8	98.2	88.8	64.1	29.9	82.7	922
ALL HOURS	100.0	100.0	100.0	99.9	99.6	97.4	86.7	64.0	28.3	82.7	7366

MONTH: FEB

00-02	100.0	100.0	100.0	99.8	99.2	97.5	87.8	61.5	21.9	81.6	844
03-05	100.0	100.0	100.0	99.4	98.8	97.2	88.5	59.3	23.1	81.6	845
06-08	100.0	100.0	100.0	100.0	99.9	98.5	90.0	67.1	28.2	83.2	841
09-11	100.0	100.0	100.0	100.0	99.5	97.3	86.8	62.3	26.0	81.9	846
12-14	100.0	100.0	100.0	99.9	98.4	94.4	78.6	51.1	18.0	79.0	838
15-17	100.0	100.0	100.0	99.8	97.6	94.1	77.0	47.0	15.7	78.0	843
18-20	100.0	100.0	100.0	100.0	99.2	97.3	85.2	56.7	20.8	80.6	838
21-23	100.0	100.0	100.0	99.9	99.6	98.8	89.2	60.6	20.7	81.8	841
ALL HOURS	100.0	100.0	100.0	99.8	99.0	96.9	85.4	58.2	21.8	81.8	6736

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	100.0	100.0	99.9	99.5	97.7	91.1	68.9	31.7	83.6	922
03-05	100.0	100.0	100.0	100.0	99.6	97.7	91.9	71.6	34.3	84.3	919
06-08	100.0	100.0	100.0	100.0	99.7	98.0	91.4	69.7	37.5	84.5	922
09-11	100.0	100.0	100.0	99.9	99.5	97.2	87.4	65.2	30.7	82.9	924
12-14	100.0	100.0	100.0	99.5	97.5	91.7	77.2	49.7	18.3	78.4	927
15-17	100.0	100.0	100.0	100.0	97.4	90.0	73.1	44.3	17.9	77.1	922
18-20	100.0	100.0	100.0	99.8	98.7	93.6	81.3	56.1	22.2	80.1	922
21-23	100.0	100.0	100.0	99.9	99.6	97.9	88.3	66.8	29.4	83.1	924
ALL HOURS	100.0	100.0	100.0	99.9	98.9	95.5	85.2	61.5	27.8	83.1	7382

MONTH: APR

00-02	100.0	100.0	100.0	99.9	99.7	98.9	90.0	71.4	30.6	84.1	894
03-05	100.0	100.0	100.0	100.0	99.7	99.0	91.5	72.0	35.5	84.6	890
06-08	100.0	100.0	100.0	100.0	99.9	99.2	91.5	74.0	31.8	84.6	897
09-11	100.0	100.0	100.0	99.9	99.4	97.8	81.8	56.5	22.1	80.7	896
12-14	100.0	100.0	100.0	100.0	98.9	91.5	70.2	38.8	12.3	76.0	894
15-17	100.0	100.0	100.0	100.0	97.4	86.9	64.5	37.1	12.0	74.7	890
18-20	100.0	100.0	100.0	100.0	98.5	93.3	75.1	46.8	18.2	78.2	896
21-23	100.0	100.0	100.0	100.0	99.8	97.9	86.3	63.3	24.7	82.3	893
ALL HOURS	100.0	100.0	100.0	100.0	99.2	95.6	81.4	57.5	23.4	82.3	7150

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	100.0	100.0	99.9	99.5	95.9	81.2	38.2	86.8	920
03-05	100.0	100.0	100.0	100.0	99.9	99.7	97.2	85.5	40.4	87.7	923
06-08	100.0	100.0	100.0	100.0	100.0	99.8	97.2	84.4	40.2	87.4	924
09-11	100.0	100.0	100.0	100.0	99.7	97.3	85.8	57.3	17.5	80.9	921
12-14	100.0	100.0	100.0	99.9	99.2	91.8	70.8	36.5	9.3	75.6	918
15-17	100.0	100.0	100.0	99.7	98.7	90.7	65.4	34.6	9.0	74.6	921
18-20	100.0	100.0	100.0	99.8	99.4	95.9	76.8	41.6	12.1	77.5	928
21-23	100.0	100.0	100.0	100.0	99.8	98.9	91.5	66.3	24.6	83.4	928
ALL HOURS	100.0	100.0	100.0	99.9	99.6	96.7	85.1	60.9	23.9	83.4	7383

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.7	93.2	47.0	89.2	897
03-05	100.0	100.0	100.0	100.0	100.0	99.9	99.7	93.5	54.2	90.1	896
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.6	92.8	47.9	89.4	897
09-11	100.0	100.0	100.0	100.0	99.7	98.2	93.2	72.6	27.4	83.8	894
12-14	100.0	100.0	100.0	99.9	99.0	94.1	80.0	55.5	17.9	79.1	883
15-17	100.0	100.0	99.8	99.7	97.8	92.1	75.8	47.5	14.7	77.2	891
18-20	100.0	100.0	99.9	99.8	99.1	95.4	83.7	56.5	19.0	79.6	895
21-23	100.0	100.0	100.0	100.0	100.0	99.6	95.7	78.4	33.2	85.5	889
ALL HOURS	100.0	100.0	100.0	99.9	99.4	97.4	90.9	73.8	32.7	85.5	7142

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO							90%	MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%						
00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.7	70.8	92.2		927
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.9	76.1	92.8		923
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.9	97.5	74.8	92.5		927
09-11	100.0	100.0	100.0	100.0	100.0	99.9	97.8	89.2	46.5	88.2		922
12-14	100.0	100.0	100.0	100.0	100.0	98.7	90.0	70.6	26.2	82.9		921
15-17	100.0	100.0	100.0	100.0	100.0	97.4	85.3	62.7	17.6	80.6		917
18-20	100.0	100.0	100.0	100.0	99.9	98.5	93.0	77.7	28.0	84.1		918
21-23	100.0	100.0	100.0	100.0	100.0	99.9	99.1	93.8	54.6	89.5		920
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.3	95.7	86.2	49.4	89.5		7375

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	99.9	9.4	96.9	73.2	92.6		929
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.7	97.0	76.4	93.1		929
06-08	100.0	100.0	100.0	100.0	100.0	100.0	99.0	96.1	75.7	92.8		926
09-11	100.0	100.0	100.0	100.0	100.0	99.7	96.6	87.4	55.9	89.0		920
12-14	100.0	100.0	100.0	99.9	99.9	97.5	88.9	70.6	30.8	83.4		921
15-17	100.0	100.0	100.0	100.0	99.9	97.5	86.5	67.3	29.7	82.7		924
18-20	100.0	100.0	100.0	100.0	100.0	99.5	94.5	82.1	44.3	86.8		929
21-23	100.0	100.0	100.0	100.0	100.0	99.9	99.0	94.1	62.7	90.8		927
ALL HOURS	100.0	100.0	100.0	100.0	100.0	99.2	95.5	86.5	56.1	90.8		7405

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	100.0	100.0	100.0	100.0	99.9	98.0	87.1	52.2	88.8	898
03-05	100.0	100.0	100.0	100.0	100.0	99.9	98.2	87.5	52.6	89.1	895
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.4	87.7	53.1	89.1	895
09-11	100.0	100.0	100.0	100.0	100.0	99.1	93.3	76.2	37.1	85.2	896
12-14	100.0	100.0	100.0	100.0	99.6	96.3	79.8	57.6	21.3	79.9	894
15-17	100.0	100.0	100.0	100.0	99.6	95.8	76.9	56.2	19.8	79.2	898
18-20	100.0	100.0	100.0	100.0	100.0	99.6	91.1	71.1	30.4	83.8	895
21-23	100.0	100.0	100.0	100.0	100.0	99.6	96.4	83.2	49.1	87.7	898
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.8	91.5	75.8	39.4	87.7	7169

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	99.9	98.5	91.4	73.2	30.6	84.4	927
03-05	100.0	100.0	100.0	100.0	100.0	98.4	93.2	74.8	33.2	85.1	927
06-08	100.0	100.0	100.0	100.0	100.0	98.2	92.6	72.8	32.5	84.8	927
09-11	100.0	100.0	100.0	100.0	100.0	97.5	91.1	66.6	25.3	82.9	926
12-14	100.0	100.0	100.0	100.0	99.7	93.5	76.1	42.1	12.0	77.1	924
15-17	100.0	100.0	100.0	99.9	98.8	92.1	72.8	41.4	11.9	76.5	927
18-20	100.0	100.0	100.0	100.0	100.0	97.5	87.7	61.9	18.9	81.6	929
21-23	100.0	100.0	100.0	100.0	100.0	98.4	90.5	71.5	27.6	83.9	925
ALL HOURS	100.0	100.0	100.0	100.0	99.8	96.8	86.9	53.0	24.0	83.9	7412

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

HOURS LST	10%	20%	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO								MEAN	TOTAL OBS
	30%	40%	50%	60%	70%	80%	90%					
00-02	100.0	100.0	100.0	100.0	99.9	98.5	86.6	63.8	28.3	82.8		894
03-05	100.0	100.0	100.0	100.0	100.0	98.3	88.1	65.3	27.2	82.9		897
06-08	100.0	100.0	100.0	100.0	100.0	98.7	88.8	66.9	28.6	83.5		894
09-11	100.0	100.0	99.9	99.9	99.8	97.7	87.6	66.1	28.6	82.9		895
12-14	100.0	100.0	99.9	99.8	99.8	96.9	82.2	58.7	25.3	81.2		893
15-17	100.0	100.0	100.0	100.0	100.0	97.8	83.7	58.7	23.6	81.2		893
18-20	100.0	100.0	100.0	100.0	100.0	98.8	88.9	66.5	26.1	83.1		893
21-23	100.0	100.0	100.0	100.0	100.0	99.0	89.0	67.0	28.5	83.2		896
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.2	86.8	64.1	27.0	83.2		7155

MONTH: DEC

HOURS LST	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
00-02	100.0	100.0	100.0	100.0	100.0	99.2	91.6	73.8	36.9	85.6	926
03-05	100.0	100.0	100.0	100.0	100.0	98.9	92.2	75.6	38.1	85.7	927
06-08	100.0	100.0	100.0	100.0	100.0	99.5	93.0	76.6	39.7	86.2	929
09-11	100.0	100.0	100.0	100.0	100.0	98.8	92.7	72.8	37.5	85.4	928
12-14	100.0	100.0	100.0	100.0	100.0	98.3	89.4	70.5	29.9	83.9	926
15-17	100.0	100.0	100.0	100.0	99.8	98.5	90.2	70.4	31.5	84.2	927
18-20	100.0	100.0	100.0	100.0	99.9	98.7	92.9	73.6	38.5	85.6	920
21-23	100.0	100.0	100.0	100.0	99.9	98.9	94.0	75.7	41.4	86.1	923
ALL HOURS	100.0	100.0	100.0	100.0	99.9	98.9	92.0	73.6	36.7	86.1	7406

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	100.0	100.0	100.0	99.8	99.0	93.5	78.2	41.1	86.3	10901
03-05	100.0	100.0	100.0	100.0	99.8	98.9	94.2	79.3	43.7	86.8	10894
06-08	100.0	100.0	100.0	100.0	99.9	99.1	94.2	79.6	43.6	86.8	10897
09-11	100.0	100.0	100.0	99.9	99.8	98.2	90.0	69.7	32.0	83.9	10882
12-14	100.0	100.0	100.0	99.9	99.2	95.0	80.4	55.1	20.5	79.8	10858
15-17	100.0	100.0	100.0	99.9	98.9	94.1	77.8	52.3	18.9	78.9	10872
18-20	100.0	100.0	100.0	99.9	99.5	97.2	86.5	62.8	25.6	82.0	10871
21-23	100.0	100.0	100.0	100.0	99.9	98.9	92.4	73.8	35.7	85.0	10886
ALL HOURS	100.0	100.0	100.0	99.9	99.6	97.6	88.6	68.9	32.6	83.7	87081

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	FFFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFF
PPPPPPP	AAAAAAAAA	RRRRRRR	TT	FFFFF
PP	AAAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

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: 703160

STATION NAME: COLD BAY, 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	998.0	1003.2	1002.5	1008.4	1009.7	1010.6	1016.2	1014.1	1009.1	1007.2	1000.0	998.6	1006.5
	SD	16.017	16.856	14.072	12.704	9.407	9.434	7.608	9.218	12.187	12.612	13.406	15.970	13.997
	TOT OBS	310	283	309	300	310	300	310	310	300	310	300	310	3652
0300	MEAN	997.9	1003.2	1002.4	1008.1	1009.4	1010.4	1016.0	1013.7	1009.0	1007.0	1000.0	998.5	1006.3
	SD	15.911	16.904	14.042	12.852	9.353	9.426	7.622	9.396	12.055	12.602	13.380	16.023	13.975
	TOT OBS	310	283	310	300	310	300	310	310	300	310	30	310	3653
0600	MEAN	997.7	1002.8	1001.9	1007.9	1009.1	1010.2	1015.8	1013.4	1008.8	1006.6	999.6	998.4	1006.0
	SD	15.933	16.905	14.024	13.028	9.432	9.442	7.621	9.466	11.952	12.677	13.414	16.028	13.998
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
0900	MEAN	997.5	1002.9	1002.0	1008.2	1009.3	1010.3	1015.9	1013.7	1009.1	1006.8	999.6	998.3	1006.2
	SD	15.962	16.923	14.037	13.005	9.461	9.446	7.601	9.424	11.790	12.850	13.470	16.119	14.066
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	998.0	1003.4	1002.2	1008.5	1009.3	1010.4	1016.0	1013.9	1009.3	1007.0	999.9	999.1	1006.4
	SD	16.127	16.886	13.990	12.806	9.489	9.421	7.591	9.295	11.774	12.982	13.493	16.070	13.992
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1500	MEAN	997.3	1003.1	1001.8	1008.4	1009.1	1010.3	1016.0	1013.8	1009.0	1006.6	999.5	998.4	1006.1
	SD	16.082	16.891	13.931	12.621	9.467	9.439	7.530	9.215	11.847	13.060	13.426	16.125	14.051
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1800	MEAN	997.4	1003.0	1001.6	1008.1	1008.9	1010.1	1015.8	1013.5	1008.6	1006.4	999.5	998.4	1006.0
	SD	16.040	16.833	13.885	12.513	9.458	9.416	7.510	9.196	11.768	12.980	13.392	16.088	13.967
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	309	3651
2100	MEAN	997.7	1003.4	1002.1	1008.3	1009.1	1010.3	1015.9	1013.6	1008.8	1006.7	999.9	998.5	1006.2
	SD	16.018	16.860	13.820	12.574	9.464	9.404	7.512	9.234	12.102	12.938	13.355	16.202	13.971
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
ALL HOURS	MEAN	997.7	1003.1	1002.1	1008.2	1009.2	1010.3	1016.0	1013.7	1008.9	1006.8	999.8	998.5	1006.2
	SD	16.013	16.884	13.978	12.766	9.444	9.430	7.576	9.308	11.937	12.841	13.419	16.080	14.002
	TOT OBS	2480	2264	2479	2400	2480	2400	2480	2480	2399	2480	2400	2475	29217

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	29.44	29.60	29.57	29.75	29.79	29.81	29.98	29.92	29.77	29.71	29.50	29.46	29.69
	SD	.472	.497	.414	.373	.276	.278	.224	.271	.360	.372	.395	.470	.413
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0300	MEAN	29.44	29.59	29.57	29.74	29.78	29.81	29.97	29.91	29.77	29.71	29.50	29.46	29.69
	SD	.469	.499	.414	.377	.276	.278	.225	.276	.354	.371	.394	.473	.412
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	29.43	29.58	29.56	29.73	29.77	29.80	29.97	29.90	29.76	29.70	29.49	29.45	29.68
	SD	.469	.498	.413	.383	.277	.278	.224	.278	.352	.374	.395	.477	.413
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0900	MEAN	29.43	29.58	29.56	29.74	29.77	29.81	29.97	29.91	29.77	29.70	29.49	29.45	29.68
	SD	.470	.498	.413	.382	.278	.278	.223	.277	.347	.379	.397	.475	.414
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.44	29.60	29.56	29.75	29.78	29.81	29.97	29.91	29.78	29.71	29.50	29.47	29.69
	SD	.476	.497	.411	.376	.278	.278	.222	.273	.347	.383	.398	.474	.412
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1500	MEAN	29.42	29.59	29.56	29.75	29.77	29.81	29.97	29.91	29.77	29.70	29.48	29.45	29.68
	SD	.474	.497	.409	.371	.279	.279	.221	.271	.348	.385	.396	.476	.414
	TOT OBS	310	283	309	300	310	300	310	310	300	310	300	309	3651
1800	MEAN	29.42	29.59	29.55	29.74	29.76	29.80	29.97	29.90	29.76	29.69	29.49	29.45	29.68
	SD	.473	.495	.408	.369	.279	.278	.220	.270	.346	.383	.395	.474	.412
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	309	3651
2100	MEAN	29.43	29.60	29.56	29.75	29.77	29.80	29.97	29.90	29.76	29.70	29.50	29.46	29.68
	SD	.473	.497	.407	.369	.279	.277	.221	.272	.356	.382	.394	.479	.412
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
ALL HOURS	MEAN	29.43	29.59	29.56	29.74	29.77	29.81	29.97	29.91	29.77	29.70	29.49	29.46	29.68
	SD	.472	.497	.411	.375	.278	.278	.222	.274	.351	.379	.396	.475	.413
	TOT OBS	2480	2264	2479	2400	2480	2400	2480	2480	2399	2480	2400	2476	29218

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	29.35	29.50	29.48	29.66	29.69	29.72	29.89	29.82	29.68	29.62	29.41	29.37	29.60
	SD	.471	.495	.412	.371	.276	.278	.223	.271	.359	.370	.394	.470	.411
	TOT OBS	310	283	311	299	310	300	312	308	300	310	300	310	3653
0300	MEAN	29.35	29.50	29.48	29.65	29.69	29.72	29.88	29.81	29.67	29.62	29.41	29.36	29.60
	SD	.468	.497	.412	.377	.275	.278	.224	.275	.354	.370	.393	.472	.411
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0600	MEAN	29.34	29.49	29.47	29.64	29.68	29.71	29.88	29.81	29.67	29.60	29.40	29.36	29.59
	SD	.468	.497	.411	.383	.276	.278	.225	.277	.351	.373	.394	.475	.412
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
0900	MEAN	29.34	29.49	29.47	29.65	29.68	29.71	29.88	29.81	29.68	29.61	29.40	29.36	29.59
	SD	.469	.497	.412	.381	.278	.278	.223	.277	.346	.378	.396	.474	.413
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	310	3653
1200	MEAN	29.35	29.51	29.47	29.66	29.68	29.71	29.88	29.82	29.68	29.62	29.41	29.38	29.60
	SD	.474	.497	.410	.376	.278	.278	.223	.273	.347	.382	.396	.473	.411
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
1500	MEAN	29.33	29.50	29.46	29.66	29.68	29.71	29.88	29.81	29.67	29.60	29.39	29.36	29.59
	SD	.473	.497	.407	.370	.278	.278	.221	.271	.348	.384	.394	.475	.413
	TOT OBS	310	283	309	300	310	300	310	310	300	310	300	309	3651
1800	MEAN	29.33	29.50	29.46	29.65	29.67	29.71	29.88	29.81	29.66	29.60	29.40	29.36	29.59
	SD	.471	.495	.407	.367	.278	.277	.220	.269	.346	.382	.393	.473	.411
	TOT OBS	310	283	310	300	310	300	310	310	299	310	300	309	3651
2100	MEAN	29.34	29.51	29.47	29.65	29.68	29.71	29.88	29.81	29.67	29.61	29.41	29.36	29.59
	SD	.471	.495	.406	.369	.278	.277	.220	.271	.356	.380	.393	.477	.411
	TOT OBS	310	283	310	300	310	300	310	310	300	310	300	309	3652
ALL HOURS	MEAN	29.34	29.50	29.47	29.65	29.68	29.71	29.88	29.81	29.67	29.61	29.40	29.37	29.59
	SD	.471	.496	.410	.374	.277	.278	.222	.273	.351	.377	.394	.473	.412
	TOT OBS	2480	2264	2480	2399	2480	2400	2482	2478	2399	2480	2400	2476	29218

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	GGGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	RRRRRRRR	TT	GG
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	GGGGGG

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: 142-322

STATION NUMBER: 703160 STATION NAME: COLD BAY, 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	11.7	5.5	1.0	923	11.5	4.1	.5	922	12.5	4.1	1.0	921	12.1	5.0	1.1	916
CATEGORY B	12.4	5.9	1.6	977	12.6	4.5	1.2	973	13.6	5.7	1.5	1004	13.0	6.3	2.4	1074

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	11.2	4.1	1.0	920	12.1	5.8	1.6	919	10.5	5.3	2.6	927	9.9	4.2	1.5	923
CATEGORY B	12.9	5.6	2.2	1056	12.8	7.0	2.9	1020	11.6	5.5	2.8	998	10.3	4.7	2.0	987

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	11.7	4.9	1.5	4603	11.4	4.8	1.3	7371
CATEGORY B	12.8	6.0	2.4	5152	12.4	5.7	2.1	8089

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	10.3	3.7	.8	844	10.8	3.9	1.2	845	10.4	4.6	1.3	843	8.4	3.2	.9	846
CATEGORY B	11.6	4.8	1.2	899	12.2	4.6	1.6	885	11.7	5.0	2.1	900	9.7	4.3	1.5	962

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	6.9	1.4	.5	837	7.7	2.3	.2	843	8.5	2.7	.4	839	9.2	3.6	.6	841
CATEGORY B	8.5	2.1	.5	945	8.8	2.7	.4	911	10.6	4.4	1.0	887	10.9	4.6	1.0	883

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	8.4	2.9	.7	4208	9.0	3.2	.7	6738
CATEGORY B	9.8	3.7	1.1	4605	10.5	4.1	1.2	7272

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160 STATION NAME: COLD BAY, 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			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	14.4	6.1	2.5	924	14.3	5.8	3.2	919	14.0	6.4	2.9	921	14.1	6.8	3.0	925
CATEGORY B	14.7	7.1	3.6	966	14.7	6.6	4.3	964	14.4	7.2	3.9	1002	14.7	7.9	4.3	1037

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	14.6	6.4	2.9	927	12.7	6.3	2.8	923	11.0	5.0	2.3	921	11.2	4.9	1.9	925
CATEGORY B	15.4	7.5	4.8	1018	13.5	7.0	3.4	992	12.2	6.0	3.1	982	12.5	5.8	2.4	961

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	13.3	6.2	2.8	4615	13.3	5.9	2.7	7383
CATEGORY B	14.1	7.1	3.9	5031	14.0	6.9	3.7	7922

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.3	2.7	1.0	893	9.1	3.0	.8	892	7.1	2.6	.9	897	8.4	2.8	1.1	897
CATEGORY B	6.7	2.9	1.4	945	9.7	3.9	1.4	940	8.2	3.2	1.2	990	8.4	3.2	1.2	974

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	11.1	3.1	1.2	895	10.9	2.8	1.2	891	9.6	3.1	1.2	897	7.8	3.1	1.0	893
CATEGORY B	11.9	4.2	2.1	975	11.8	3.4	1.5	993	10.3	4.0	1.7	1041	8.9	3.8	1.8	963

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	9.4	2.9	1.1	4477	8.8	2.9	1.1	7155
CATEGORY B	10.1	3.6	1.5	4973	9.5	3.6	1.5	7821

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
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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	3.7	1.1	.4	919	4.3	.9	.1	924	4.8	.5	.1	924	6.9	.9	.1	922
CATEGORY B	4.1	1.4	.6	951	4.8	1.1	.2	970	5.3	.6	.2	1006	7.7	1.6	.5	978

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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	7.3	1.6	.2	918	7.7	1.6	.7	921	6.3	2.0	.2	927	3.8	1.0		928
CATEGORY B	7.6	1.9	.2	955	8.3	2.0	.8	954	6.9	2.2	.3	978	4.1	.9		970

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	6.6	1.3	.3	4612	5.6	1.2	.2	7383
CATEGORY B	7.1	1.7	.4	4871	6.1	1.5	.4	7762

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	5.1	.7		897	5.8	.9	.1	897	5.6	.8	.1	897	6.9	1.3	.2	894
CATEGORY B	5.1	1.5	.1	963	6.2	1.6	.6	966	5.9	1.5	.6	1026	7.4	1.9	.6	984

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	8.0	1.7	.3	884	7.3	2.2	.1	889	7.7	2.0		894	5.3	1.2	.1	888
CATEGORY B	7.9	1.8	.7	955	8.6	2.5	.7	959	8.6	2.8	.8	963	5.6	1.7	.2	949

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.1	1.6	.2	4458	6.5	1.4	.1	7140
CATEGORY B	7.7	2.1	.7	4887	6.9	1.9	.6	7765

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160 STATION NAME: COLD BAY, ALASKA
LST TO UTC: + 9

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

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)
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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	5.4	1.1	.3	926	5.4	1.2	.3	923	6.6	1.6		927	7.9	1.8	.4	922
CATEGORY B	5.4	1.5	.4	1010	5.6	1.4	.5	1003	7.0	2.5	.3	1079	8.0	2.4	.9	1041

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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	10.2	2.5	.5	922	8.7	2.5	.4	917	6.1	1.3	.4	920	4.1	1.2		920
CATEGORY B	10.6	3.4	1.2	1011	9.0	2.8	.7	981	6.4	1.7	.8	1022	4.2	1.5	.4	1034

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TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	7.9	2.0	.4	4608	6.8	1.7	.3	7377
CATEGORY B	8.1	2.5	.8	5134	7.0	2.1	.6	8181

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURENE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	11.2	3.8	.4	929	9.6	3.6	.9	929	9.5	1.8	.8	926	11.4	3.9	1.0	921
CATEGORY B	11.4	3.8	.7	992	9.4	3.8	1.3	1004	9.8	2.3	1.1	1039	11.5	4.0	1.3	1028

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	15.8	5.0	1.6	923	13.5	5.1	1.4	924	11.5	3.2	.6	929	9.5	2.3	.2	928
CATEGORY B	16.0	5.4	1.7	1028	14.5	5.2	1.3	984	11.4	3.4	.7	1025	9.8	2.3	.4	1023

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	12.4	3.8	1.1	4623	11.5	3.6	.9	7409
CATEGORY B	12.6	4.0	1.2	5104	11.7	3.8	1.0	8123

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160 STATION NAME: COLD BAY, 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			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	8.8	3.8	.9	898	9.4	3.7	1.0	894	9.2	3.6	1.2	896	13.6	4.5	1.1	896
CATEGORY B	8.9	3.8	1.0	930	9.6	3.9	1.2	926	9.3	3.6	1.3	963	14.2	5.1	1.5	963

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	14.9	4.9	1.6	893	13.7	5.2	1.8	897	10.9	3.9	2.5	895	7.9	3.9	1.3	896
CATEGORY B	15.6	5.7	1.9	937	14.8	6.2	2.6	973	10.9	3.9	2.4	960	7.9	4.0	1.5	941

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	12.5	4.4	1.6	4477	11.1	4.2	1.4	7165
CATEGORY B	13.0	4.9	1.9	4796	11.4	4.5	1.7	7593

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	13.8	5.0	1.5	928	13.9	5.4	1.8	928	12.7	6.1	1.8	927	14.4	5.5	1.5	926
CATEGORY B	14.5	6.1	2.2	966	14.1	6.1	2.0	962	13.2	6.9	2.6	995	15.9	7.2	2.8	981

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	15.8	4.9	1.5	924	13.6	5.1	.9	927	11.1	3.8	.8	929	11.4	4.9	1.2	925
CATEGORY B	17.4	6.6	2.2	984	13.9	5.4	1.3	976	11.7	4.3	1.3	980	11.9	5.5	2.2	969

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	13.5	5.1	1.3	4633	13.3	5.1	1.4	7414
CATEGORY B	14.4	6.1	2.1	4916	14.1	6.0	2.1	7813

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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 + PECIALS)

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	11.4	4.5	1.9	894	12.0	4.6	1.6	898	11.4	4.1	1.8	895	11.3	4.6	1.6	895
CATEGORY B	12.5	5.6	2.9	959	13.2	5.3	2.3	974	13.4	6.1	2.9	975	13.5	5.8	2.1	1024

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	14.9	5.6	1.1	893	17.1	6.2	1.9	893	14.0	4.8	1.9	892	13.2	5.3	2.2	895
CATEGORY B	16.1	6.5	1.4	1039	17.8	6.8	2.3	1008	14.6	5.5	2.2	971	14.7	6.1	2.8	955

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	13.7	5.1	1.7	4468	13.2	4.9	1.7	7155
CATEGORY B	15.1	6.1	2.2	5017	14.5	6.0	2.3	7905

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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			
SPEED (KTS)	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	13.8	6.6	2.2	925	14.0	6.0	2.9	928	13.6	7.0	1.9	929	12.2	5.7	2.4	928
CATEGORY B	15.3	8.1	2.7	972	15.4	7.2	3.2	992	14.0	7.4	3.2	1000	12.7	6.8	3.2	1043

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	12.0	5.4	1.6	924	12.5	5.8	1.4	927	12.4	6.3	1.6	920	14.0	7.0	2.3	924
CATEGORY B	12.9	6.3	2.9	1022	14.1	7.0	2.8	1044	13.7	7.3	3.2	999	15.5	8.0	3.6	979

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	12.5	6.1	1.8	4628	13.1	6.2	2.0	7405
CATEGORY B	13.5	6.9	3.1	5108	14.2	7.2	3.1	8051

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 142-322

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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	9.7	3.7	1.1	10900	10.0	3.6	1.2	10899	9.8	3.6	1.2	10903	10.7	3.8	1.2	10886
CATEGORY B	10.2	4.4	1.5	11530	10.6	4.2	1.6	11559	10.4	4.3	1.7	11979	11.4	4.7	1.9	12089

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	11.9	3.9	1.2	10860	11.5	4.3	1.2	10871	10.0	3.6	1.2	10890	8.9	3.5	1.0	10886
CATEGORY B	12.8	4.8	1.8	11925	12.4	4.9	1.8	11795	10.7	4.2	1.7	11806	9.7	4.1	1.5	11614

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE20	GE25	OBS	GE15	GE20	GE25	OBS
CATEGORY A	10.8	3.9	1.2	54410	10.3	3.8	1.2	87095
CATEGORY B	11.5	4.6	1.8	59594	11.0	4.4	1.7	94297

PPPPPPP	AAAAA	RRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHHH	HHHHHHHHH
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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
1980	****	****	****	****	727	****	****	****	****	****	****	992	1719
1981	1028	****	902	****	629	****	****	389	492	728	910	1048	6126
1982	1073	1049	943	967	820	588	544	443	581	839	874	1045	9766
1983	1223	921	960	827	710	485	402	387	518	765	893	838	8929
1984	1037	1321	958	984	823	529	458	312	453	733	821	845	9274
1985	877	1019	1062	1128	819	665	438	442	458	773	767	890	9338
1986	1231	1003	1158	962	820	598	409	423	448	692	823	928	9495
1987	1051	927	954	906	800	603	430	371	535	732	1026	1112	9447
1988	1023	993	1186	1007	756	561	424	424	534	744	954	1042	9648
1989	1301	821	1021	911	746	564	435	361	448	689	960	897	9154
MEAN	1093	1006	1016	961	765	574	442	394	496	743	892	963	
SD	132.42	145.95	99.92	87.87	64.08	53.60	44.53	43.10	48.21	45.49	81.01	96.43	

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 703160

STATION NAME: COLD BAY, 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: COLD BAY ALASKA												FIELD ELEV: 102 FT		
CLIMATIC BRIEF	LATITUDE/LONGITUDE: 55 12 N 162 43 W												STATION MSC: 703160		
	HOURLY OBS POR: JAN 80 - DEC 89												CALL SIGN: PACD (CDB)		
	SUMMARY OF DAY POR: JAN 49 - DEC 89														
	HOURS SUMMARIZED: 0000 - 2300 LST														
APR 90	LST TO UTC: +09												SUPERSEDES: AUG 71		
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
Q EXTRM MAX TEMP (F)	50	50	56	60	67	69	77	78	76	69	59	54	78	40	
MEAN MAX TEMP (F)	33	32	34	38	44	50	55	56	52	44	39	35	43	40	
MEAN TEMP (F)	29	28	30	33	40	46	51	52	48	40	35	31	38	40	
MEAN MIN TEMP (F)	24	23	25	28	35	41	46	47	43	35	30	26	34	40	
Q EXTRM MIN TEMP (F)	-8	-9	-13	4	18	29	33	33	27	10	1	-1	-13	40	
D/W TEMP GE 60 (F)	0	0	0	0	1	1	4	5	1	#	0	0	12	40	
D/W TEMP GE 50 (F)	#	#	#	1	4	16	28	30	22	5	1	#	107	40	
D/W TEMP LT 33 (F)	24	23	25	21	9	1	0	0	1	9	18	24	155	40	
D/W TEMP LT 10 (F)	3	3	3	#	0	0	0	0	0	0	#	1	10	40	
HEATING DEGREE DAYS	1093	1006	1016	961	765	574	442	394	496	743	892	963	9345	10	
COOLING DEGREE DAYS	0	0	0	0	0	0	0	0	0	0	0	0	0	10	
MEAN DEWPOINT TEMP (F)	25	24	27	28	34	41	47	48	44	35	31	30	34	10	
MEAN WET BULB TEMP (F)	28	27	30	31	37	43	48	49	46	38	34	32	37	10	
99.95% WCPA (FT)	2000	1900	1700	1400	1050	1050	700	950	1300	1450	1700	1950	1550	10	
MEAN REL HUM 07 LST(%)	83.4	83.2	84.5	84.6	87.4	89.4	92.5	92.8	89.1	84.8	83.5	86.2	86.8	10	
MEAN REL HUM 13 LST(%)	80.8	79.0	78.4	76.0	75.6	79.1	82.9	83.4	79.9	77.1	81.2	83.9	79.8	10	
MAX 24HR PRECIP (IN)	1.85	2.09	2.06	1.76	2.13	2.03	1.77	2.17	2.96	4.90	3.31	2.44	4.90	40	
Q MAX PRECIP (IN)	8.46	7.87	4.70	6.55	6.37	6.77	6.13	9.97	9.79	8.02	8.94	7.31	53.15	40	
MEAN PRECIP (IN)	2.71	2.32	2.14	1.89	2.36	2.10	2.44	3.75	4.23	4.32	4.37	3.24	35.93	40	
MIN PRECIP (IN)	.60	.08	.41	.21	.62	.12	.61	1.10	.91	1.88	1.15	.19	23.41	40	
D/W PRECIP GE .01 (IN)	19	17	18	17	17	15	17	20	21	23	22	20	226	40	
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	1	2	2	2	2	1	16	40	
MAX 24HR SNFL (IN)	12.2	16.5	7.4	5.2	3.0	.5	#	0	.2	11.4	21.4	7.5	21.4	40	
MAX SNFL (IN)	34.6	54.3	28.6	19.5	9.3	.5	#	0	.2	15.6	27.4	24.2	108.8	40	
MEAN SNFL (IN)	10.5	11.4	11.1	6.6	1.8	#	#	0	#	3.0	7.7	10.4	63.0	40	
D/W SNFL GE .1 (IN)	12	13	13	10	4	#	0	0	#	4	9	13	78	40	
D/W SNFL GE 1.5 (IN)	2	2	2	1	1	0	0	0	0	1	1	2	12	40	
MAX DLY SNO DEPTH (IN)	20	29	23	10	3	#	0	0	#	13	12	18	29	40	
PRVLNG WND DIR (DEG)	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	14-16	32-34	14-16	14-16	14-16	10	
MEAN WND SPD (KTS)	15	16	15	15	14	14	14	14	15	15	15	16	15	10	
MAX WND SPD (KTS)	76	83	90	73	67	68	64	70	83	78	73	76	90	33	
SKY COVER GT 5/10 (%)	80.0	81.7	83.0	89.6	92.0	91.5	94.0	95.1	90.0	84.9	83.0	83.9	87.7	10	
D/W THUNDERSTORMS	0	0	0	0	0	0	0	0	#	#	#	0	#	40	
D/W FOG (VSBY LT 7 MI)	13	11	13	14	14	18	23	24	17	12	12	12	183	40	
LEGEND: ANN = ANNUAL															
D/W = MEAN NUMBER OF DAYS WITH															
& = BASED ON LESS THAN FULL MONTHS															
** = INSTANTANEOUS PEAK WINDS															
* = DATA NOT AVAILABLE															
POR/YOR = PERIOD/YEARS OF RECORD															
WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE															
# = LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE															
\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION															

		PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY													
MONTH		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
CIG LT 3000 FT AND/OR VSBY LT 3 MI	LST														
	00 - 02	53.7	57.3	54.9	69.4	62.9	62.5	77.4	76.0	56.4	45.8	47.8	55.4	60.0	10
	03 - 05	54.5	58.2	60.0	70.9	62.9	65.7	80.2	76.4	57.9	48.1	47.2	57.8	61.6	10
	06 - 08	56.5	57.3	57.4	67.9	63.6	72.7	80.8	73.4	57.4	50.1	46.1	56.8	61.7	10
	09 - 11	58.0	54.9	53.6	65.4	63.7	69.9	76.6	70.4	59.2	49.1	48.4	55.3	60.4	10
	12 - 14	55.6	56.1	56.6	64.7	65.0	67.6	72.2	68.0	57.9	49.1	54.8	54.1	60.1	10
	15 - 17	54.0	55.2	55.2	64.5	63.5	63.4	69.9	66.5	56.7	52.3	57.9	54.6	59.5	10
	18 - 20	52.5	57.2	54.6	67.7	63.6	62.5	67.2	69.4	54.4	50.6	58.8	54.7	59.4	10
	21 - 23	54.7	58.2	53.0	69.2	60.3	63.4	72.1	73.1	53.8	51.1	56.0	55.5	60.0	10
	ALL	54.9	56.8	55.7	67.5	63.2	66.0	74.5	71.7	56.7	49.5	52.1	55.5	60.4	10
CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	25.2	29.3	25.2	29.1	28.9	33.7	54.8	55.1	24.8	11.7	14.9	20.2	29.4	10
	03 - 05	24.4	28.5	26.2	31.1	28.5	36.0	57.7	56.6	25.7	12.3	14.9	24.2	30.5	10
	06 - 08	23.5	26.7	28.1	33.2	29.6	40.7	62.1	49.4	23.6	10.5	14.1	26.2	30.6	10
	09 - 11	26.0	26.2	27.1	31.3	29.2	40.0	56.4	46.8	23.7	10.3	15.5	21.8	29.5	10
	12 - 14	23.5	25.2	25.7	26.8	24.5	33.0	46.4	42.1	23.3	11.0	18.3	22.3	26.8	10
	15 - 17	23.2	24.4	24.8	26.8	22.7	29.9	40.6	40.3	22.2	12.0	20.8	22.5	25.8	10
	18 - 20	24.2	26.6	24.6	29.5	23.9	27.9	43.4	45.5	23.0	11.8	18.6	25.3	27.0	10
	21 - 23	23.8	27.2	22.9	30.5	27.0	33.4	48.6	51.1	22.3	10.6	15.4	23.3	28.0	10
	ALL	24.2	26.8	25.6	29.8	26.8	34.3	51.3	48.4	23.6	11.3	16.6	23.2	28.5	10
CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	18.0	16.4	15.4	19.0	18.5	24.6	45.2	42.0	16.2	7.0	5.6	12.9	20.1	10
	03 - 05	16.1	16.8	16.2	20.7	18.0	28.6	49.3	44.6	19.6	6.4	8.0	14.7	21.6	10
	06 - 08	14.5	15.5	19.0	22.5	18.3	32.6	51.9	40.2	17.5	4.2	8.4	14.6	21.6	10
	09 - 11	17.5	17.8	16.0	20.1	14.9	27.4	44.5	36.9	15.2	4.4	7.6	12.2	19.5	10
	12 - 14	15.7	13.7	12.9	14.7	9.7	21.2	31.2	27.2	11.4	3.2	8.0	12.0	15.1	10
	15 - 17	15.0	13.0	14.1	14.8	8.9	17.4	24.5	25.4	12.2	3.7	9.0	12.3	14.2	10
	18 - 20	15.0	14.4	15.5	17.0	10.8	18.1	27.8	30.6	13.1	5.1	8.5	13.3	15.8	10
	21 - 23	14.8	15.5	14.5	18.6	14.4	24.0	38.2	39.2	14.0	6.5	7.5	13.7	18.4	10
	ALL	15.8	15.4	15.4	18.4	14.2	24.2	39.1	35.8	14.9	5.1	7.8	13.2	18.3	10
CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	1.6	1.9	1.3	.7	.8	1.7	5.1	4.4	.0	.1	.3	1.8	1.6	10
	03 - 05	1.7	2.4	1.4	.3	.3	2.5	5.2	5.0	.8	.2	.7	1.8	1.9	10
	06 - 08	1.6	2.5	2.4	1.0	.3	2.2	4.6	5.2	1.1	.1	.3	1.2	1.9	10
	09 - 11	2.3	3.2	1.2	2.2	.2	.1	.8	1.6	.7	.0	1.1	1.2	1.2	10
	12 - 14	2.7	3.1	.5	1.7	.2	.0	.0	.0	.2	.1	1.3	1.6	.9	10
	15 - 17	2.1	2.8	1.1	1.5	.0	.1	.0	.1	.2	.0	1.0	1.8	.9	10
	18 - 20	2.1	2.5	1.5	.9	.0	.2	.5	.5	.2	.2	.7	1.2	.9	10
	21 - 23	2.1	1.9	.9	.2	.5	.3	3.4	3.3	.8	.3	.1	1.0	1.2	10
	ALL	2.0	2.5	1.3	1.1	.3	.9	2.5	2.5	.5	.1	.7	1.5	1.3	10
HURRICANES/TROPICAL STORMS OBSERVED : NONE															
REMARKS : @ SUMMARY OF THE DAY DATA WERE SUPPLEMENTED FROM LOCAL CLIMATOLOGICAL DATA (LCD), ANNUAL SUMMARIES FOR 1988, PART V, NOAA.															