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SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

CAMP CASEY, KOREA

Prepared by

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



JUNE 1991

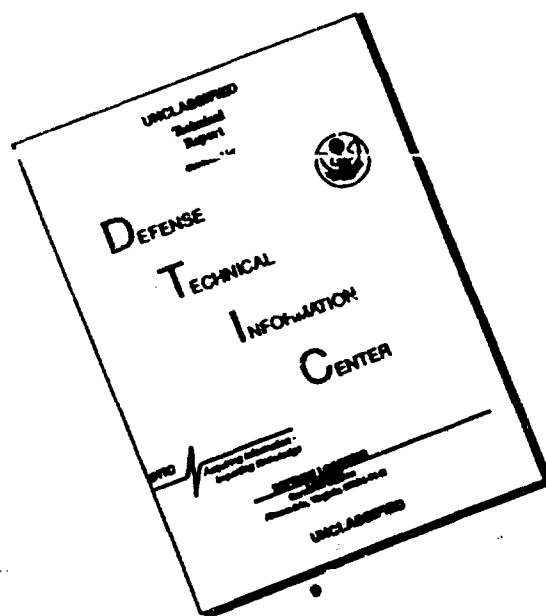
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- 12A. DISTRIBUTION/AVAILABILITY STATEMENT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.
13. ABSTRACT: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL CLIMATIC SUMMARIES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED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

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

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

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

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

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

INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: JUL 80 - JUN 90 (METAR) (MISSING DATA FOR 2000-0400 LST, JUL 80 - FEB 88).

SUMMARY OF DAY DATA: MAR 88 - JUN 90 (FULL TIME).

SUMMARY OF DAY DATA: MAY 53 - FEB 88 (PART 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. NOTE: EXTREMES OCCURRING DURING NON-OPERATIONAL HOURS AND/OR DAYS ARE NOT REFLECTED IN THESE SUMMARIES.

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

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

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

* UTC REPLACED GMT ON 1 AUGUST 1988

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

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
471066	CAMP CASEY/TONGDUCHON, KOREA	N 37 55	E 127 03	196	RKST	

STATION LOCATION AND INSTRUMENTATION HISTORY									
Nmbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Camp Casey/Tongduchon, Korea	AAF	May 53	Feb 59	N 37 55	E 127 04	184	None	13
2	Same	AAF	Mar 59	Oct 60	N 37 55	E 127 03	196	None	13
3	Same	AAF	Nov 60	Jun 91	Same	Same	Same	None	15

Nmbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIP- MENT, OR REASON FOR CHANGE
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	
1	May 53	Not available	N/A	N/A	N/A	No wind equipment
2	Apr 54	Hand velometer	None	None	N/A	
3	Apr 55	Winds estimated	None	None	N/A	
4	Apr 58	24 ft NE of station	AN/GMQ-1	None	27 ft	
5	Mar 59	50' W side rnwy on tower	Same	None	40 ft	
6	Apr 60	On control tower	AN/GMQ-11	None	80 ft	
7	Apr 65	On aircraft hangar	Same	None	80 ft	
8	Jan 71	210'W ctrln, 1300'fm end of 36	Same	None	75 ft	
9	Jan 82	Same	Same	RO-362	Same	
10	Jan 91	Same	Same	Same	Same	

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAA' AAA
PP PP	AA AA	RR RR	TT	AA AA
PP PP	AA AA	RR RR	TT	AA AA
PPPPPPPP	AA AA	RRRRRRRR	TT	AA AA
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	AAAAAAAAA
PP	AAAAAAAAA	RR RR	TT	AAAAAAAAA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA
PP	AA AA	RR RR	TT	AA AA

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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.

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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		12.8		8.4		21.2	29.6	10.6			61.5	179
03-05		13.9		8.3		22.2	39.4	6.1			67.8	180
06-08		9.4		8.3		17.8	50.6	6.7			75.0	180
09-11		6.7		10.8		17.5	45.0	15.0			77.5	120
12-14		8.3		13.3		21.7	18.9	26.7			67.2	180
15-17		3.9		13.3		17.2	13.3	16.7			47.2	180
18-20		6.1		11.1		17.2	17.8	17.2			52.2	180
21-23		8.3		8.9		17.2	24.4	15.0			56.7	180
ALL HOURS		8.8		10.3		19.1	29.2	14.2			62.5	1379

MONTH: FEB

00-02		9.1		2.4		11.5	38.8	18.2			68.5	165
03-05		7.9		3.6		11.5	47.9	9.1			68.5	165
06-08		6.0		3.6		9.6	62.7	3.0			75.3	166
09-11		11.6		2.7		14.3	29.5	33.0			76.8	112
12-14		12.5		3.6		16.1	11.3	38.7			66.1	168
15-17		11.3		3.0		14.3	5.4	32.7			52.4	168
18-20		10.8		2.4		13.3	12.0	37.3			62.7	166
21-23		8.0				8.0	28.2	24.5			60.7	163
ALL HOURS		9.6		2.7		12.3	29.4	24.3			65.9	1273

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		11.3		.5		11.8	32.3	8.6			52.7	186
03-05		11.3		2.2		13.4	43.0	11.3			67.7	186
06-08		10.8		1.1		11.8	60.2	8.6			80.6	186
09-11		9.7		2.4		12.1	30.6	35.5			78.2	124
12-14		12.4		3.2		15.6	4.8	39.8			60.2	186
15-17		10.8		1.6		12.4	2.2	32.3			46.8	186
18-20		14.0				14.0	8.1	26.9			48.9	186
21-23		10.8				10.8	24.2	14.0			48.9	186
ALL HOURS		11.4		1.3		12.8	25.5	21.5			59.7	1426

MONTH: APR

00-02	.6	5.3				5.3	32.4	17.6			55.3	170
03-05		9.4				9.4	42.1	9.4			60.8	171
06-08	.6	11.8				11.8	39.1	18.3			69.2	169
09-11		8.0				8.0	11.6	33.9			53.6	112
12-14		9.7				9.7	4.2	26.7			40.6	165
15-17		11.5				11.5	4.8	20.0			36.4	165
18-20		6.7				6.7	9.1	18.8			34.5	165
21-23		7.8				7.8	16.8	24.0			48.5	167
ALL HOURS	.2	8.8				8.8	20.6	20.5			49.8	1284

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.7	14.4				14.4	38.9	13.3			66.7	180
03-05		17.8				17.8	47.8	8.3			73.9	180
06-08		14.4				14.4	54.4	8.3			77.2	180
09-11		10.8				10.8	16.7	40.0			67.5	120
12-14		7.8				7.8	4.4	35.0			47.2	180
15-17	1.1	10.1				10.1	4.5	26.8			41.3	179
18-20	2.8	14.4				14.4	8.9	22.8			46.1	180
21-23	.6	12.2				12.2	18.8	24.9			55.8	181
ALL HOURS	.8	12.8				12.8	24.6	21.7			59.1	1380

MONTH: JUN

00-02	1.7	17.8				17.8	48.3	6.7			72.8	180
03-05	1.1	19.4				19.4	53.9	4.4			77.8	180
06-08	.6	20.0				20.0	47.2	5.6			72.8	180
09-11		19.2				19.2	15.8	36.7			71.7	120
12-14		18.9				18.9	8.3	40.0			67.2	180
15-17		17.2				17.2	8.3	31.7			57.2	180
18-20		17.8				17.8	13.9	23.3			55.0	180
21-23		15.6				15.6	32.2	12.8			60.6	180
ALL HOURS	.4	18.2				18.2	29.1	19.4			66.7	1380

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS (LST)	TSMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.1	13.3				13.3	64.4	1.1			78.9	90
03-05	3.3	14.4				14.4	64.4				78.9	90
06-08		20.0				20.0	65.6	1.1			86.7	90
09-11	1.7	17.2				17.2	19.0	34.5			70.7	58
12-14	1.1	18.4				18.4	4.6	44.8			67.8	87
15-17		11.5				11.5	8.0	28.7			48.3	87
18-20		11.5				11.5	9.2	24.1			44.8	87
21-23		13.8				13.8	39.1	20.7			73.6	87
ALL HOURS	.9	14.9				14.9	35.4	18.5			68.8	676

MONTH: AUG

00-02		15.1				15.1	38.7	2.2			55.9	93
03-05		8.6				8.6	40.9	2.2			51.6	93
06-08		7.5				7.5	37.6	5.4			50.5	93
09-11		6.5				6.5	21.0	3.2			30.6	62
12-14		8.6				8.6	5.4	20.4			34.4	93
15-17		15.1				15.1		15.1			30.1	93
18-20	1.1	14.0				14.0	7.5	14.0			35.5	93
21-23		11.8				11.8	28.0	11.8			51.6	93
ALL HOURS	.1	11.1				11.1	22.4	9.5			43.1	713

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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		4.4				4.4	60.0	1.1			65.6	90
03-05		8.9				8.9	66.7				75.6	90
06-08		10.0				10.0	63.3				73.3	90
09-11		6.7				6.7	18.3	23.3			48.3	60
12-14		6.7				6.7	2.2	21.1			30.0	90
15-17	4.4	7.8				7.8	2.2	12.2			22.2	90
18-20		10.0				10.0	11.1	14.4			35.6	90
21-23		10.0				10.0	43.3	3.3			56.7	90
ALL HOURS	.6	8.1				8.1	34.1	8.8			51.0	690

MONTH: OCT

00-02		3.2				3.2	63.4	1.1			67.7	93
03-05		9.7				9.7	72.0				81.7	93
06-08		10.8				10.8	71.0	3.2			84.9	93
09-11		6.5				6.5	29.0	16.1			51.6	62
12-14	2.2	9.7				9.7	6.5	16.1			32.3	93
15-17	1.1	4.3				4.3	4.3	9.7			18.3	93
18-20		1.1				1.1	22.6	8.6			32.3	93
21-23		1.1				1.1	49.5	2.2			52.7	93
ALL HOURS	.4	5.8				5.8	40.3	6.7			52.7	713

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		14.3				14.3	44.0				58.3	84
03-05		14.3				14.3	59.5				73.8	84
06-08		14.3		1.2		15.5	50.0	3.6			69.0	84
09-11		12.5				12.5	37.5	7.1			57.1	56
12-14		11.9		1.2		13.1	4.8	26.2			44.0	84
15-17		13.1				13.1		19.0			32.1	84
18-20		10.7		1.2		11.9	15.5	14.3			41.7	84
21-23		9.5				9.5	33.3	2.4			45.2	84
ALL HOURS		12.6		.5		13.0	30.3	9.2			52.5	644

MONTH: DEC

00-02				9.0		9.0	49.4	2.2			60.7	89
03-05				5.6		5.6	60.0				65.6	90
06-08		3.3		5.6		8.9	62.2	4.4			75.6	90
09-11		1.7		6.7		8.3	53.3	15.0			76.7	60
12-14		4.4		3.3		7.8	27.8	23.3			58.9	90
15-17		8.9		4.4		13.3	13.3	20.0			46.7	90
18-20		5.8		4.7		10.5	26.7	16.3			53.5	86
21-23		3.6		4.8		8.3	47.6	3.6			59.5	84
ALL HOURS		3.5		5.4		9.0	42.1	10.5			61.6	679

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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		8.8		10.3		19.1	29.2	14.2			62.5	1379
FEB		9.6		2.7		12.3	29.4	24.3			55.9	1273
MAR		11.4		1.3		12.8	25.5	21.5			59.7	1426
APR	.2	8.8				8.8	20.6	20.5			49.8	1284
MAY	.8	12.8				12.8	24.6	21.7			59.1	1380
JUN	.4	18.2				18.2	29.1	19.4			66.7	1380
JUL	.9	14.9				14.9	35.4	18.5			68.8	676
AUG	.1	11.1				11.1	22.4	9.5			43.1	713
SEP	.6	8.1				8.1	34.1	8.8			51.0	690
OCT	.4	5.8				5.8	40.3	6.7			52.7	713
NOV		12.6		.5		13.0	30.3	9.2			52.5	644
DEC		3.5		5.4		9.0	42.1	10.5			61.6	679
ANNUAL	.3	10.9		1.9		12.8	29.0	16.9			58.7	12237

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
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		6.5	.1	23.5	.2	26.0	44.0	81.9			88.6	1061
FEB	.1	8.6	.1	15.0		20.9	39.9	81.0			86.2	978
MAR	.1	18.6		10.2	.1	24.9	49.1	77.7		.1	86.4	1093
APR	1.4	26.3		.9	.2	26.6	48.9	70.3			83.0	1044
MAY	2.9	25.8			.5	25.8	50.2	64.3			79.5	1104
JUN	3.6	35.1				35.1	58.3	66.3			84.3	1087
JUL	7.0	53.0				53.0	72.7	53.9			88.6	1052
AUG	7.6	45.8				45.8	69.0	54.7			84.5	1064
SEP	2.9	27.9				27.9	68.1	53.6			81.0	1005
OCT	1.5	17.8	.1	.4	.1	18.0	68.0	65.6			83.7	1038
NOV	.9	22.2		4.1	.5	25.1	60.4	68.8			82.1	994
DEC	.2	12.3	.3	16.7	.2	24.9	49.4	76.3			83.6	1020
ANNUAL	2.4	25.2	.0	5.8	.1	29.6	56.5	67.8		.0	84.3	12540

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02				.6	1.7	1.7	1.1					
03-05						1.1	3.3					
06-08				.6		.6						
09-11							1.7					
12-14							1.1			2.2		
15-17					1.1				4.4	1.1		
18-20					2.8			1.1				
21-23					.6							
ALL HOURS				.2	.8	.4	.9	.1	.6	.4		
TOTAL OBS	1379	1273	1426	1284	1380	1380	676	713	690	713	644	679

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS								
LIQUID PRECIP	7.4	.8	79.3	3.3	1.7		7.4	121
FREEZING PRECIP								
FROZEN PRECIP	11.6		62.0		3.9	17.8	4.7	129
FOG	43.9		30.8	.5	2.0	15.6	7.2	403
FOG WITH VIS GE 1/2 MILES	43.3		31.9	.5	1.3	15.5	7.5	386
TOTAL OBS	489	6	536	17	24	146	161	1379

MONTH: FEB HOURS: ALL

TSTMS								
LIQUID PRECIP	16.4		43.4	9.8	2.5	14.8	13.1	122
FREEZING PRECIP								
FROZEN PRECIP	16.1		74.2			6.5	3.2	31
FOG	40.9		35.8	.3	1.9	11.0	10.2	374
FOG WITH VIS GE 1/2 MILES	39.9		36.9	.3	2.0	10.3	10.6	358
TOTAL OBS	380	3	504	24	25	167	170	1273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS								
LIQUID PRECIP	20.2	1.2	46.0	4.3	1.2	20.2	6.7	163
FREEZING PRECIP								
FROZEN PRECIP	25.0		41.7			8.3	25.0	12
FOG	54.8		15.7	.8	4.1	22.0	2.5	363
FOG WITH VIS GE 1/2 MILES	54.5		15.6	.6	4.0	22.7	2.6	352
TOTAL OBS	460	11	386	55	43	331	140	1426

MONTH: APR HOURS: ALL

TSTMS	50.0						50.0	2
LIQUID PRECIP	21.6	3.6	22.5	4.5	4.5	36.9	6.3	111
FREEZING PRECIP								
FROZEN PRECIP								
FOG	48.5		23.1	3.4	6.8	13.3	4.9	264
FOG WITH VIS GE 1/2 MILES	49.4		24.7	2.6	4.6	13.0	5.6	231
TOTAL OBS	464	31	261	38	50	300	140	1284

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS	9.1		27.3	9.1	18.2	27.3	9.1	11
LIQUID PRECIP	14.3	5.4	27.4	7.7	6.5	33.9	4.8	168
FREEZING PRECIP								
FROZEN PRECIP								
FOG	45.7	.3	13.5	2.6	7.3	26.4	4.1	341
FOG WITH VIS GE 1/2 MILES	46.0	.3	13.6	2.8	6.5	26.5	4.3	324
TOTAL OBS	379	38	265	61	83	437	117	1380

MONTH: JUN HOURS: ALL

TSTMS	50.0				16.7		33.3	6
LIQUID PRECIP	19.6	1.6	31.4	10.2	4.5	26.5	6.1	245
FREEZING PRECIP								
FROZEN PRECIP								
FOG	41.6	.5	18.5	.7	6.7	23.9	8.0	401
FOG WITH VIS GE 1/2 MILES	41.3	.5	18.4	.8	6.6	24.2	8.2	392
TOTAL OBS	369	11	343	73	84	357	143	1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDU HOH KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS	16.7				33.3	33.3	16.7	6
LIQUID PRECIP	27.8		40.2	4.1	4.1	11.3	12.4	97
FREEZING PRECIP								
FROZEN PRECIP								
FOG	58.6		17.6		2.9	16.3	4.6	239
FOG WITH VIS GE 1/2 LES	58.3		17.9		2.6	16.6	4.7	235
TOTAL OBS	221	0	154	9	36	178	78	676

MONTH: AUG HOURS: ALL

TSTMS						109.0		1
LIQUID PRECIP	38.5	1.3	25.6	6.4	5.1	12.8	10.3	78
FREEZING PRECIP								
FROZEN PRECIP								
FOG	51.9		20.6		1.3	15.6	10.6	160
FOG WITH VIS GE 1/2 MILES	51.0		21.0		1.3	15.9	10.8	157
TOTAL OBS	182	16	257	45	21	100	92	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS			25.0	25.0	25.0	25.0		4
LIQUID PRECIP	11.1		74.1	1.9		9.3	3.7	54
FREEZING PRECIP								
FROZEN PRECIP								
FOG	46.4		34.5	1.7	2.1	10.6	4.7	235
FOG WITH VIS GE 1/2 MILES	45.0		35.1	1.9	1.9	10.9	5.2	211
TOTAL OBS	187	7	283	24	19	91	79	690

MONTH: OCT HOURS: ALL

TSTMS			33.3			33.3	33.3	3
LIQUID PRECIP	10.5		21.1	5.3	13.2	42.1	7.9	38
FREEZING PRECIP								
FROZEN PRECIP								
FOG	50.2		26.8	1.0	6.6	11.5	3.8	287
FOG WITH VIS GE 1/2 MILES	51.3		25.4	1.3	6.1	11.4	4.4	228
TOTAL OBS	224	0	236	18	39	122	74	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS								
LIQUID PRECIP	34.6		39.5	2.5	4.9	12.3	6.2	81
FREEZING PRECIP								
FROZEN PRECIP		66.7					33.3	3
FOG	53.3		24.1		5.1	14.4	3.1	195
FOG WITH VIS GE 1/2 MILES	52.5		25.1		4.9	14.8	2.7	183
TOTAL OBS	225	10	196	5	24	79	105	644

MONTH: DEC HOURS: ALL

TSTMS								
LIQUID PRECIP	70.8		12.5			12.5	4.2	24
FREEZING PRECIP								
FROZEN PRECIP	63.6		9.1			15.2	12.1	33
FOG	45.8		25.5	.3	4.9	16.4	7.0	286
FOG WITH VIS GE 1/2 MILES	44.9		26.1	.4	5.1	16.2	7.4	272
TOTAL OBS	298	4	167	2	21	95	92	679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

PHENOMENA	CALM	VARIABLE	331 - 050	051 - 150	151 - 180	181 - 240	241 - 330	NO OF OBS
TSTMS	18.2		15.2	6.1	18.2	24.2	18.2	33
LIQUID PRECIP	20.7	1.6	39.5	6.1	3.9	20.7	7.5	1302
FREEZING PRECIP								
FROZEN PRECIP	21.2	1.0	53.4		2.4	14.9	7.2	208
FOG	47.7	.1	23.9	1.0	4.4	17.0	5.9	3548
FOG WITH VIS GE 1/2 MILES	47.3	.1	24.2	.9	4.0	17.2	6.3	3329
TOTAL OBS	3878	137	3588	371	469	2403	1391	12237

A - 5 - 7

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTT	BBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPPP	AA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	BBBBBBBB
PP	AAAAAAAA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BB BB
PP	AA AA	RR RR	TT	BBBBBBBB
PP	AA AA	RR RR	TT	BBBBBBBB

B - 1 - 1

PART B

PRECIPITATION, SNOWFALL, SNOW DEPTH SUMMARIES

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

PERCENT OCCURRENCE FREQUENCY.

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

MONTHLY TOTALS.

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

DAILY EXTREMES.

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

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

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

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

CONVERSIONS:

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	65.7	71.0	66.9	65.1	66.3	56.1	38.7	48.2	65.7	74.2	64.3	66.6	62.3
TRACE	17.1	13.3	12.0	10.5	10.0	11.7	9.0	9.1	7.4	8.2	12.5	15.6	11.4
.01	2.1	1.4	2.1	1.4	1.5	2.3	2.5	2.0	1.7	1.3	2.4	1.7	1.9
.02-.05	4.7	3.6	5.7	5.1	3.6	6.3	6.3	4.6	4.5	4.0	5.8	5.7	5.0
.06-.10	3.5	3.2	3.8	3.2	2.4	3.6	5.1	3.0	2.9	2.1	3.1	3.6	3.3
.11-.25	3.9	3.5	4.1	5.0	5.7	7.2	6.4	5.3	3.5	3.7	5.6	3.7	4.8
.26-.50	2.3	2.1	2.6	3.8	5.0	4.2	6.3	6.5	4.2	2.7	3.5	1.9	3.8
.51-1.00	.8	1.6	1.9	3.4	2.9	4.0	8.5	7.6	4.2	2.8	1.7	1.0	3.4
1.01-2.50		.3	.7	2.3	2.3	3.5	10.9	9.2	3.9	1.0	.9	.2	2.9
2.51-5.00			.1	.1	.3	.9	4.6	3.3	1.9	.1	.1		.9
5.01-10.00				.1		.2	1.6	1.2	.1				.3
10.01-20.00					.1		.1		.1				.0
OVER 20.00													
DAYS WITH MEAS AMTS	17.2	15.7	21.1	24.4	23.7	32.2	52.2	42.7	26.9	17.6	23.1	17.8	26.3
TOTAL NO. OF OBSERVATIONS	1059	978	1092	1040	1095	1090	1051	1063	1004	1038	1021	1048	12579

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53					4.33*	5.45	6.84*			.15*	.20	1.14	18.11*
54	.58	4.08	.11	1.82	2.19	6.04	16.35	10.87	4.08	1.77	.58	1.48	49.95
55	.83	.94	.58	2.47	2.82	12.06	20.51	2.66	7.91	1.19	2.04	.40	54.41
56	.47	1.13	4.63	1.86	1.83	9.49	18.38	2.24	11.14	1.08	.53	.71	53.49
57	.86	.57	.43	3.34	1.21	.41	18.04	11.71	.13	2.10	1.08	3.12	43.00
58	1.06	.50	.27	1.21	.12	.69	8.46	4.67	5.60	.30	.41	.26	23.55
59	.20	.72	.66	1.78	1.47	.97	10.77	16.22	5.84	.87	.58	.33	40.41
60	TRACE	TRACE	1.11	TRACE	.53	5.21	6.99	4.03	.84	.20	.41	.37	19.69
61	1.09	.13	.23	1.45	1.56	.81	17.62	17.91	5.73	TRACE	.66	.08	47.27
62	.37	1.41	.45	.82	TRACE	1.92	8.13	10.50	2.17	TRACE	.10	.40	26.27
63	.36	.37	.64	2.89	2.59	8.30	18.00	4.42	1.30	TRACE	.36	.31	39.54
64	.36	.88	.34	5.02	.49	1.76	24.42	22.11	7.52	2.17	.88	.37	66.32
65	.32	.01	.56	.80	.57	.26	30.95	12.39	1.17	1.93	3.34	.15	52.45
66	.33	1.27	2.40	.00*	1.76	7.94	45.84	10.54	15.26	3.94	2.36	.34	91.98*
67	.60	2.16	3.46	2.96	2.61	3.89	18.31	21.89	3.21*	.74*	1.69*	.47*	61.99*
68	.38*	.40*	1.80*	1.78*	2.29*	2.54*	15.49*	12.41*	3.27*	4.54*	1.63*	.59*	47.12*
69	1.18*	1.27*	.15*	9.65*	13.15*	1.92*	24.33*	13.45*	4.35*	.58*	1.26*	.98*	72.27*
70	.24*	1.86*	.80*	.11*	2.33*	7.88*	10.84*	17.79*	30.19*	3.91*	2.71*	1.10*	79.76*
71	.58*	1.27*	2.13*	2.03*	3.85*	3.84*	20.32*	7.20*	9.20*	1.15*	.40*	1.54*	53.51*
72	2.19*	.72*	2.24*	1.39*	3.73*	1.76*	11.69*	28.70*	2.69*	3.14*	3.28*	.29*	61.82*
73	.71*	.03*	.62*	5.11*	3.06*	3.32*	7.34*	14.88*	3.30*	.27*	1.21*	.18*	40.03*
74	.18*	.55*	.71*	.93*	9.83*	2.52*	7.00*	12.94*	3.43*	2.03*	.19*	.29*	40.60*
75	.39*	.27*	1.67*	3.86*	3.51*	2.39*	28.44*	6.60*	8.05*	.87*	.97*	.47*	57.49*
76	.17*	1.68*	.30*	1.26*	2.88*	3.25	5.21*	26.46	4.70*	1.50*	1.83*	1.00*	50.24*
77	.08*	TRACE*	.69*	7.91	1.90*	1.64*	13.49*	7.65*	2.23*	TRACE*	3.11*	1.91*	40.61*
78	1.10*	1.03*	1.65	1.13*	1.19*	14.75*	12.25*	21.23	3.65*	1.22*	.40*	.99*	60.59*
79	.89*	1.37*	3.76	6.96*	3.71*	9.03	7.00*	13.63*	1.48*	.35*	.83*	1.82*	50.83*
80	.47*	TRACE	.76	6.91	2.84	2.58	11.24	11.85	3.92	.86	.53	.83	42.79*
81	.44	.34	1.57	2.32	2.80	5.97	29.89	9.41	9.04	2.00	1.33	.31	65.42
82	.91	.14	1.76	.14	5.06	.80	5.08	14.46	.37	2.87	5.98	1.36	38.93
83	.60	.47	2.44	5.07	2.36	2.72	17.89	3.87	5.10	2.17	1.12	.46	44.27
84	.22	.20	.74	2.73	4.25	3.93	11.02	19.50	12.87	.59	.90	.90	57.85
85	.99	.89	2.07	3.10	5.85	1.17	6.07	16.32	15.41	5.29	1.03*	2.17	60.36*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.78	.39	1.40	.62	2.60	4.94	14.37	12.98	3.79	2.75	1.89	1.12	47.23
87	1.80	1.18	1.04	2.28	3.45	5.27	15.18	23.94	1.75	.64	2.48*	TRACE	59.01*
88	.15	.21	1.04	2.41	2.03	3.44	24.08	3.22	2.66	.45	.34	.32	40.35
89	1.69	.75	4.73	.67	2.64	4.03	9.04	8.59	5.94	2.15	7.90	.41	48.54
90	2.47	2.41	3.14	4.26	3.53	14.84							30.65*

LEAST	TRACE	TRACE	.11	TRACE	TRACE	.26	5.08	2.24	.13	TRACE	.10	TRACE	19.69
GREATEST	2.47	4.08	4.73	9.65	13.15	14.84	45.84	28.70	30.19	5.29	7.90	3.12	91.98
MEAN	.71	.85	1.55	2.59	2.29	4.54	16.94	12.46	5.63	1.53	1.52	.72	45.21
MEDIAN	.53	.57	1.04	2.32	2.36	3.91	16.99	11.78	5.10	1.19	.77	.40	47.23
SD	.587	.921	1.351	1.986	1.451	3.688	9.353	7.185	4.553	1.341	1.947	.725	12.615
TOTAL OBS	1059	978	1092	1040	1095	1090	1051	1063	1004	1038	1021	1048	12579

THE GREATEST VALUE OF 45.84 OCCURRED ON 07/66

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

B - 2 - 2B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53					1.73*	1.24	2.49*			.15*	.20	.89	2.49*
54	.23	1.05	.10	.79	.90	1.96	2.90	1.79	1.32	.64	.35	.75	2.90
55	.30	.30	.24	.79	1.04	4.49	5.63	1.82	2.32	.90	.93	.12	5.63
56	.15	.87	2.50	.64	.59	2.82	5.95	1.27	4.21	.38	.39	.31	5.95
57	.41	.21	.12	1.40	1.02	.18	4.61	2.18	.05	.76	.34	1.74	4.61
58	.40	.50	.11	.47	.10	.41	4.25	1.99	2.29	.19	.20	.21	4.25
59	.10	.31	.45	.92	.69	.21	2.65	6.82	2.54	.55	.58	.30	6.82
60	TRACE	TRACE	.83	TRACE	.38	3.15	2.24	1.07	.28	.20	.32	.27	3.15
61	.33	.10	.20	1.19	1.27	.23	6.41	7.19	2.08	TRACE	.40	.07	7.19
62	.23	1.02	.20	.40	TRACE	1.17	4.89	2.08	.92	TRACE	.10	.10	4.89
63	.10	.36	.64	1.21	.90	5.52	3.21	1.67	.73	TRACE	.14	.10	5.52
64	.18	.52	.12	1.14	.44	.86	7.87	5.51	3.74	1.67	.42	.18	7.87
65	.14	.01	.44	.46	.15	.14	6.90	2.01	.51	1.21	1.24	.12	6.90
66	.30	.94	.81	.00*	.58	3.82	7.79	2.91	4.73	1.39	1.18	.20	7.79*
67	.41	1.21	1.81	.84	1.46	1.07	6.60	4.86	1.23*	.26*	.80*	.29*	6.60*
68	.18*	.40*	1.23*	.83*	.70*	1.58*	4.04*	4.16*	2.66*	2.22*	1.17*	.21*	4.16*
69	.35*	.51*	.07*	5.20*	10.47*	.65*	3.89*	3.75*	1.95*	.30*	.42*	.25*	10.47*
70	.22*	.83*	.50*	.09*	.73*	2.09*	2.91*	5.51*	11.69*	2.54*	1.54*	.50*	11.69*
71	.21*	.34*	1.30*	.84*	1.59*	1.37*	3.82*	3.64*	3.07*	.74*	.24*	.70*	3.82*
72	.83*	.53*	.56*	.50*	1.16*	1.13*	3.73*	6.63*	.69*	.91*	1.06*	.11*	6.63*
73	.56*	.02*	.30*	1.96*	1.31*	1.55*	2.41*	2.80*	1.25*	.13*	.50*	.07*	2.80*
74	.15*	.14*	.30*	.37*	3.78*	.93*	1.83*	3.43*	2.06*	.90*	.09*	.27*	3.78*
75	.28*	.15*	.60*	2.17*	1.09*	.93*	7.12*	2.29*	1.93*	.52*	.39*	.36*	7.12*
76	.14*	.89*	.25*	.50*	.99*	1.38	1.45*	9.82	2.45*	.65*	.70*	.64*	9.82*
77	.06*	TRACE*	.57*	2.53	1.26*	.80*	4.15*	5.02*	1.54*	TRACE*	.83*	.53*	5.02*
78	.45*	.51*	.94	.21*	1.10*	6.12*	3.00*	4.49	1.32*	.51*	.20*	.35*	6.12*
79	.64*	.37*	1.84	2.08*	1.28*	2.47	1.85*	6.24*	.52*	.20*	.62*	.97*	6.24*
80	.31*	TRACE	.51	2.41	.70	.69	4.37	3.18	2.02	.50	.25	.30	4.37*
81	.21	.12	.72	1.28	1.01	2.69	5.22	3.39	4.93	.57	.51	.11	5.22
82	.83	.08	.51	.08	2.65	.30	1.96	8.33	.28	2.07	2.39	.38	8.33
83	.50	.21	1.01	1.50	1.16	1.69	3.60	1.15	2.51	1.11	.39	.15	3.60
84	.12	.13	.25	1.12	2.32	.93	2.39	5.44	9.37	.44	.36	.66	9.37
85	.35	.41	1.69	.92	2.15	.42	2.47	5.32	4.56	1.46	.30*	1.27	5.32*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	.23	.20	.44	.43	.60	1.57	3.73	2.95	2.15	1.09	.70	.62	3.73
87	.62	.84	.38	1.69	1.97	2.13	3.81	7.51	.95	.44	1.10*	TRACE	7.51*
88	.06	.10	.62	1.06	.99	1.12	10.18	.79	1.92	.39	.24	.27	10.18
89	.38	.29	3.49	.27	.78	1.22	2.15	2.93	3.90	.58	3.49	.24	3.90
90	.89	.74	1.21	2.10	.81	3.58							3.58*

GREATEST	.89	1.21	3.49	5.20	10.47	6.12	10.18	9.82	11.69	2.54	3.49	1.74	11.69

TOTAL OBS	1059	978	1092	1040	1095	1090	1051	1063	1004	1038	1021	1048	12579

THE GREATEST VALUE OF 11.69 OCCURRED ON 09/17/70

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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	69.6	79.4	86.6	99.0	100.0	99.9	100.0	100.0	100.0	99.5	94.4	77.5	92.3
TRACE	18.2	11.5	9.2	.9		.1				.5	4.1	15.0	4.9
0.1-0.4	3.6	3.0	1.5	.1							.6	2.5	.9
0.5-1.4	4.9	3.1	1.8								.3	2.7	1.1
1.5-2.4	1.6	1.5	.6								.4	1.6	.5
2.5-3.4	.9	.9	.1								.2	.5	.2
3.5-4.4	.8	.3										.2	.1
4.5-6.4	.3	.2	.2										.1
6.5-10.4	.1	.1										.1	.0
10.5-15.4													
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	12.2	9.1	4.2	.1							1.5	7.5	2.8
TOTAL NO. OF OBSERVATIONS	1059	977	1093	1044	1094	1090	1052	1063	1005	1039	1022	1020	12558

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53					.0*	.0	.0*			.0*	.0	TRACE	TRACE*
54	3.5	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	*	3.5*
55	8.5	5.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.9	16.2
56	2.9	11.1	6.4	.0	.0	.0	.0	.0	.0	.0	.9	5.1	26.4
57	4.5	5.6	1.7	.0	.0	.0	.0	.0	.0	.0	.0	.7	12.5
58	8.1	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	16.2
59	2.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	2.5
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8	.8
61	11.0	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	14.0
62	4.6	6.1	4.0	.2	.0	TRACE	.0	.0	.0	.0	TRACE	3.4	18.3
63	3.6	3.7	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.4	1.4	9.1
64	2.4	8.6	2.4	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	13.4
65	3.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.5	.1	4.1
66	.3	2.9	4.8	.0	.0	.0	.0	.0	.0	TRACE	1.6	2.7	12.3
67	1.7	2.7	TRACE	TRACE	.0	.0	.0	.0	.0*	.0*	TRACE*	4.4*	8.8*
68	4.6*	TRACE*	1.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.4*	6.2*
69	12.7*	3.3*	.7*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	6.8*	23.5*
70	2.8*	1.1*	6.5*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.8*	13.2*
71	8.9*	6.9*	5.4*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	4.5*	25.7*
72	2.5*	6.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.3*	TRACE*	12.3*
73	1.1*	.0*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.8*	2.0*	5.1*
74	2.7*	2.8*	2.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.4*	.4*	8.5*
75	1.0*	1.3*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.1*	3.4*
76	TRACE*	1.0*	TRACE*	.0*	.0*	.0	.0*	.0	.0*	TRACE*	1.2*	1.6*	3.8*
77	.2*	TRACE*	.3*	TRACE	.0*	.0*	.0*	.0*	.0*	.0*	2.8*	5.2*	8.5*
78	11.7*	6.8*	1.4	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	TRACE*	19.9*
79	4.9*	4.4*	TRACE	.0*	.0*	.0	.0*	.0*	.0*	.0*	TRACE*	8.0*	17.3*
80	.7*	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.7	7.4*
81	7.7	3.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.6	16.3
82	.8	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	9.7	10.8
83	1.1	6.6	.5	TRACE	.0	.0	.0	.0	.0	.0	1.5	4.2	13.9
84	2.0	2.8	3.4	.0	.0	.0	.0	.0	.0	.0	TRACE	.9	9.1
85	18.5	9.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.4*	3.8	32.0*

B - 3 - 2A

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	5.4	4.4	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	11.3
87	10.5	2.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	12.8*
88	2.2	2.5	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	6.6
89	.8	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	3.4	4.2
90	15.4	.9	TRACE	.0	.0	.0							16.3*
LEAST	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.8
GREATEST	18.5	11.1	6.5	.2	.0	TRACE	.0	.0	.0	TRACE	3.3	9.7	32.0
MEAN	5.0	3.4	1.1	.0	.0	TRACE	.0	.0	.0	TRACE	.3	2.2	11.5
MEDIAN	3.5	2.8	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	12.3
SD	4.839	3.196	1.722	.039	.000	.000	.000	.000	.000	.000	.612	2.454	6.202
TOTAL OBS	1059	977	1093	1044	1094	1090	1052	1063	1005	1039	1022	1020	12558

THE GREATEST VALUE OF 18.5 OCCURRED ON 01/85

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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53					.0*	.0	.0*			.0*	.0	TRACE	TRACE*
54	2.3	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	*	2.3*
55	3.1	3.1	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.2	3.1
56	.9	8.7	5.0	.0	.0	.0	.0	.0	.0	.0	.9	3.1	8.7
57	4.1	2.0	1.2	.0	.0	.0	.0	.0	.0	.0	.0	.7	4.1
58	4.0	5.0	1.0	.0	.0	.0	.0	.0	.0	.0	.0	2.1	5.0
59	1.0	.2	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	.3	1.0
60	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	.6
61	3.3	1.0	2.0	.0	.0	.0	.0	.0	.0	.0	.0	TRACE	3.3
62	2.3	3.1	2.0	.2	.0	TRACE	.0	.0	.0	.0	TRACE	1.0	3.1
63	1.0	3.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.4	1.0	3.6
64	1.0	5.2	1.2	.0	.0	.0	.0	.0	.0	.0	TRACE	TRACE	5.2
65	1.4	.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	.1	1.4
66	.2	2.9	3.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	2.0	3.0
67	1.0	2.0	TRACE	TRACE	.0	.0	.0	.0	.0*	.0*	TRACE*	2.9*	2.9*
68	3.0*	TRACE*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.4*	3.0*
69	3.5*	1.8*	.6*	TRACE*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	2.3*	3.5*
70	2.4*	.9*	4.6*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	2.8*	4.6*
71	4.3*	3.0*	2.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.5*	4.3*
72	1.3*	3.2*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	3.3*	TRACE*	3.3*
73	.8*	.0*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	1.6*	.9*	1.6*
74	2.4*	1.3*	.8*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.4*	.3*	2.4*
75	.5*	1.3*	1.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	.1*	1.3*
76	TRACE*	1.0*	TRACE*	.0*	.0*	.0	.0*	.0	.0*	TRACE*	.7*	1.5*	1.5*
77	.2*	TRACE*	.3*	TRACE	.0*	.0*	.0*	.0*	.0*	.0*	2.8*	3.5*	3.5*
78	4.5*	4.3*	1.1	.0*	.0*	.0*	.0*	.0	.0*	.0*	.0*	TRACE*	4.5*
79	4.3*	1.5*	TRACE	.0*	.0*	.0	.0*	.0*	.0*	.0*	TRACE*	7.0*	7.0*
80	.7*	TRACE	TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	3.0	3.0*
81	2.0	1.0	1.0	.0	.0	.0	.0	.0	.0	TRACE	2.0	2.0	2.0
82	.4	.3	TRACE	.0	.0	.0	.0	.0	.0	.0	.0	3.3	3.3
83	.5	3.2	.5	TRACE	.0	.0	.0	.0	.0	.0	1.5	2.0	3.2
84	1.0	1.3	1.9	.0	.0	.0	.0	.0	.0	.0	TRACE	.6	1.9
85	7.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.4*	2.1	7.0*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	3.5	1.7	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	1.5	3.5
87	6.2	2.0	TRACE	.0	.0	.0	.0	.0	.0	.0	.0*	TRACE	6.2*
88	1.0	2.5	1.5	TRACE	.0	.0	.0	.0	.0	.0	.0	.4	2.5
89	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0	TRACE	2.2	2.2
90	6.2	.5	TRACE	.0	.0	.0							6.2*

GREATEST	7.0	8.7	5.0	.2	.0	TRACE	.0	.0	.0	TRACE	3.3	7.0	8.7

TOTAL OBS	1059	977	1093	1044	1094	1090	1052	1063	1005	1039	1022	1020	12558

THE GREATEST VALUE OF 8.7 OCCURRED ON 02/28/56

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

B - 3 - 3B

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	58.5	68.0	92.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	97.3	83.7	91.8
TRACE	15.3	16.4	4.3	.1							1.6	10.1	3.9
1	9.1	7.6	1.4								.2	3.1	1.7
2	7.3	4.1	.6								.4	1.9	1.2
3	5.3	2.0	.5								.4	.7	.7
4-6	4.2	1.5	.4								.2	.4	.5
7-12	.5	.4										.1	.1
13-24													
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	26.2	15.6	2.8								1.2	6.2	4.3
TOTAL NO. OF OBSERVATIONS	1060	978	1092	1044	1104	1090	1052	1063	1006	1045	1022	1052	12608

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	4	3	0	0	0	0	0	0	0	0	0	TRACE	4
87	5	2	TRACE	0	0	0	0	0	0	0	0*	0	5*
88	TRACE	2	2	0	0	0	0	0	0	0	0	TRACE	2
89	2	TRACE	0	0	0	0	0	0	0	0	0	2	2
90	4	8	0	0	0	0							8*

GREATEST	7*	9*	5*	TRACE*	0*	0*	0*	0*	0*	0*	4*	7*	9*
TOTAL OBS	1060	978	1092	1044	1104	1090	1052	1063	1006	1045	1022	1052	12608

THE GREATEST VALUE OF 9 OCCURRED ON 02/01/69

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO

PERIOD OF RECORD: 5305-9006

SNOW-YEAR: 1 AUG - 31 JUL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO

PERIOD OF RECORD: 5305-9006

SNOW-YEAR: 1 AUG - 31 JUL

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
86 - 87	NOV 30	DEC 19	JAN 03	MAR 25	FEB 28	FEB 05
87 - 88	DEC 03	JAN 07	FEB 05	APR 19	MAR 08	MAR 08
88 - 89	DEC 10	DEC 19	JAN 13	MAR 16	JAN 26	JAN 26
89 - 90	NOV 18	DEC 14	DEC 24	MAR 17	FEB 10	FEB 06

MEDIAN-DATE	NOV 26	DEC 11	DEC 24	MAR 25	MAR 06	FEB 23

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

C - 1 - 1

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

THESE TABLES ARE CREATED FROM SUMMARY OF DAY DATA. SPEEDS ARE IN KNOTS. DIRECTIONS ARE TO 16 COMPASS POINTS FROM THE BEGINNING OF PERIOD OF RECORD THROUGH JUNE 1968, BUT IN JULY 1968, ALL STATIONS EXCEPT THOSE OF THE NATIONAL WEATHER SERVICE STARTED RECORDING DIRECTIONS IN TENS OF DEGREES. DATA IS SUMMARIZED BY MONTH FOR EACH YEAR FOR THE ENTIRE PERIOD OF RECORD AVAILABLE. GIVEN: THE GREATEST MONTHLY VALUE FOR ALL YEARS COMBINED, THE GREATEST YEARLY VALUE FOR ALL YEARS COMBINED, AND THE DATE OF THE ABSOLUTE PEAK WIND RECORDED FOR THE ENTIRE PERIOD OF RECORD. AN ASTERISK (*) INDICATES A VALUE FOR A MONTH FOR WHICH LESS THAN 90% OF THE DATA 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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
53					*	*	*			*	*	*	*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56	*	*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	*	*	*	*	*	*	*	*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*	*	*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	*	*	*	*	*	*	*	*	*	*	*	*	*
72	*	*	*	*	*	*	*	*	*	*	*	*	*
73	*	*	*	*	*	*	*	*	*	*	*	*	*
74	*	*	*	*	*	*	*	*	*	*	*	*	*
75	*	*	*	*	*	*	*	*	*	*	*	*	*
76	*	*	*	*	*	*	*	*	*	*	*	*	*
77	*	*	*	*	*	*	*	*	*	*	*	*	*
78	*	*	*	*	*	*	*	*	*	*	*	*	*
79	*	*	*	*	*	*	*	*	*	*	*	*	*
80	*	*	*	*	*	*	*	*	*	*	*	*	*
81	*	*	*	*	*	*	*	*	*	*	*	30/*17	30/*17
82	36/ 20	28/ 20	24/ 20	36/*22	*	*	14/*21	22/ 26	27/*24	01/*20	*	*	22/*26
83	01/*10	29/*21	36/ 19	22/ 40	32/ 25	14/ 31	12/ 28	11/ 38	06/*27	24/ 22	20/*21	*	22/*40
84	33/*20	30/*27	23/ 29	30/*23	*	*	07/*24	23/ 25	35/*26	*	05/*22	27/*25	23/*29
85	29/*22	10/*18	31/ 26	27/ 39	03/*22	24/*13	23/*18	*	*	*	*	*	27/*39

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
86	*	*	*	*	*	*	*	*	*	*	*	27/* 7	27/* 7
87	*	*	24/*18	*	20/*15	*	01/*45	22/ 28	34/ 32	32/ 22	35/*26	35/ 23	01/*45
88	21/ 26	33/ 24	34/ 25	30/ 28	33/ 30	35/*16	01/*23	20/ 22	05/ 42	35/ 33	23/*30	35/ 25	05/*42
89	02/ 19	01/ 22	01/*23	25/*11	22/ 26	17/ 22	22/ 22	11/ 25	02/ 34	30/ 23	30/ 24	21/ 22	02/*34
90	01/ 20	11/ 19	08/ 24	21/ 27	01/ 42	20/ 24							01/*42

GREATEST	21/ 26	30/ 27	23/ 29	22/ 40	01/ 42	14/ 31	01/ 45	11/ 38	05/ 42	35/ 33	23/ 30	27/ 25	01/ 45

TOTAL OBS	156	158	212	134	141	110	157	180	140	137	102	108	1735

THE PEAK WIND OF 45 FROM 01/ OCCURRED ON 07/16/87

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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

MONTH	WIND SPEEDS IN KNOTS											MEAN WIND	MEDIAN WIND	TOTAL OBS
	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
JAN	3.2	34.0	40.4	16.7	5.1	.6	.0	.0	.0	.0	.0	11.3	11.0	156
FEB	.0	28.5	44.9	17.1	8.9	.6	.0	.0	.0	.0	.0	12.4	11.0	158
MAR	.5	10.4	41.5	33.0	11.8	2.8	.0	.0	.0	.0	.0	14.6	14.0	212
APR	.7	1.5	34.3	29.1	24.6	6.7	.7	1.5	.7	.0	.0	17.3	16.0	134
MAY	.0	6.4	48.9	31.9	7.8	2.8	1.4	.0	.7	.0	.0	15.0	14.0	141
JUN	.0	9.1	56.4	27.3	5.5	.0	1.8	.0	.0	.0	.0	13.8	13.0	110
JUL	.6	18.5	49.7	22.3	6.4	1.3	.6	.0	.6	.0	.0	13.4	12.0	157
AUG	1.7	23.9	46.7	18.3	5.6	3.3	.0	.6	.0	.0	.0	12.8	12.0	180
SEP	.7	36.4	40.0	11.4	7.1	1.4	2.1	.0	.7	.0	.0	12.3	10.0	140
OCT	1.5	38.0	35.0	19.7	4.4	.7	.7	.0	.0	.0	.0	11.6	11.0	137
NOV	3.9	37.3	33.3	13.7	7.8	2.9	1.0	.0	.0	.0	.0	11.8	10.0	102
DEC	2.8	33.3	38.9	18.5	4.6	1.9	.0	.0	.0	.0	.0	11.5	10.5	108
ANNUAL	1.2	22.5	42.7	22.0	8.4	2.1	.6	.2	.2	.0	.0	13.2	12.0	1735

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	18.4	7.3										25.7	3.6	3.5
020-040	6.1	1.1										7.3	3.3	3.0
050-070	.6											.6	4.0	4.0
(E) 080-100	.6											.6	4.0	4.0
110-130														
140-160														
(S) 170-190	1.1											1.1	2.0	2.0
200-220	2.8	.6										3.4	3.0	2.5
230-250	1.1											1.1	2.5	2.5
(W) 260-280		.6										.6	5.0	5.0
290-310	2.2	.6										2.8	2.4	2.0
320-340	7.3	2.8										10.1	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											46.9	////////////////////////////////	
TOTALS	40.2	13.0										100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	18.3	6.1	1.7									26.1	3.7	3.0
020-040	5.0	4.4										9.4	3.9	4.0
050-070		1.1										1.1	5.0	5.0
(E) 080-100	.6											.6	2.0	2.0
110-130														
140-160														
(S) 170-190	2.2	.6										2.8	2.6	2.0
200-220	3.9											3.9	1.4	1.0
230-250	.6											.6	1.0	1.0
(W) 260-280	1.1											1.1	4.0	4.0
290-310	1.1	1.1										2.2	3.5	4.0
320-340	6.7	.6										7.2	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											45.0	////////	
TOTALS	39.5	13.9	1.7									100.0	1.8	3.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	19.4	10.6	1.7									31.7	4.4	3.0
020-040	2.8	2.2										5.0	3.8	4.0
050-070	.6	1.1										1.7	5.3	5.0
(E) 080-100														
110-130														
140-160	.6											.6	2.0	2.0
(S) 170-190	3.9											3.9	1.7	2.0
200-220	7.2											7.2	1.9	2.0
230-250	1.1											1.1	1.5	1.5
(W) 260-280														
290-310	1.7	1.1										2.8	4.2	3.0
320-340	5.0	1.1										6.1	3.0	2.0
VARIABLE														
CALM	////////////////////////////////////											40.0	////////	
TOTALS	42.3	16.1	1.7									100.0	2.2	3.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.0	10.0	.8									20.8	5.0	5.0
020-040	3.3	7.5										10.8	4.6	5.0
050-070	1.7	.8										2.5	2.7	1.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	9.2											9.2	2.5	3.0
200-220	10.8	.8										11.7	2.6	2.0
230-250	.8											.8	2.0	2.0
(W) 260-280		.8										.8	6.0	6.0
290-310	.8	.8										1.7	4.0	4.0
320-340	5.8		.8									6.7	3.1	2.0
VARIABLE		.8	.8									1.7	11.0	11.0
CALM	////////////////////////////////////											33.3	////////////////////////////////	
TOTALS	42.4	21.5	2.4									100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 120

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	10.6	11.1										21.7	4.6	5.0
020-040	5.6	2.2										7.8	3.9	4.0
050-070														
(E) 080-100	.6											.6	1.0	1.0
110-130	.6											.6	1.0	1.0
140-160	2.2											2.2	2.3	2.5
(S) 170-190	7.8											7.8	2.1	2.0
200-220	13.9	1.1										15.0	2.5	2.0
230-250	2.8	.6										3.3	2.3	2.0
(W) 260-280	3.3											3.3	2.2	2.0
290-310	5.6	.6										6.1	2.6	3.0
320-340	5.6	3.9										9.4	3.3	2.0
VARIABLE		1.1	.6									1.7	8.0	7.0
CALM	////////////////////////////////////											20.6	////////	
TOTALS	58.6	20.6	.6									100.0	2.6	3.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	14.4	11.7	1.7									27.8	4.4	4.0
020-040	7.2	1.1										8.3	2.8	2.0
050-070	.6											.6	3.0	3.0
(E) 080-100	.6											.6	1.0	1.0
110-130	.6											.6	1.0	1.0
140-160	.6											.6	2.0	2.0
(S) 170-190	5.0											5.0	2.4	2.0
200-220	10.6	1.1										11.7	2.5	2.0
230-250	3.9	.6										4.4	2.4	2.0
(W) 260-280	5.6											5.6	1.7	2.0
290-310	7.8	1.1										8.9	2.6	2.0
320-340	7.8	3.9										11.7	3.2	2.0
VARIABLE														
CALM	////////////////////////////////////											14.4	////////////////////////////////	
TOTALS	64.7	19.5	1.7									100.0	2.7	2.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	16.1	7.2	1.1									24.4	3.8	3.0
020-040	6.7	.6										7.2	2.5	2.0
050-070	.6											.6	1.0	1.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	.6											.6	4.0	4.0
200-220	2.8	.6										3.3	2.3	1.5
230-250	2.8											2.8	1.6	2.0
(W) 260-280	1.1											1.1	1.5	1.5
290-310	3.3											3.3	1.8	2.0
320-340	13.3	3.9										17.2	3.2	3.0
VARIABLE		.6										.6	8.0	8.0
CALM	////////////////////////////////////											38.9	////////	
TOTALS	47.3	12.9	1.1									100.0	1.9	2.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	17.8	11.1										28.9	4.0	3.5
020-040	8.3	1.1										9.4	2.5	2.0
050-070	.6											.6	2.0	2.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	1.1											1.1	2.5	2.5
200-220	2.8	.6										3.3	2.7	2.0
230-250	.6											.6	1.0	1.0
(W) 260-280	.6											.6	2.0	2.0
290-310	1.7	1.1										2.8	3.6	4.0
320-340	8.9											8.9	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											43.9	////////	
TOTALS	42.4	13.9										100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	15.9	9.4	.9									26.1	4.1	4.0
020-040	5.7	2.3										8.0	3.4	3.0
050-070	.5	.4										.9	3.7	3.5
(E) 080-100	.3											.3	2.0	1.5
110-130	.1											.1	1.0	1.0
140-160	.4											.4	2.2	2.0
(S) 170-190	3.6	.1										3.7	2.3	2.0
200-220	6.7	.6										7.3	2.4	2.0
230-250	1.7	.1										1.9	2.0	2.0
(W) 260-280	1.5	.1										1.7	2.3	2.0
290-310	3.1	.8										3.9	2.9	2.0
320-340	7.6	2.1	.1									9.8	3.1	2.0
VARIABLE		.3	.1									.4	9.0	8.5
CALM	////////////////////////////////////											35.5	////////////////////////////////	
TOTALS	47.1	16.2	1.1									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 1379

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.5	21.3	1.9									33.7	5.8	6.0
020-040	1.9	2.3										4.3	4.1	5.0
050-070	.4											.4	1.0	1.0
(E) 080-100	.4											.4	2.0	2.0
110-130														
140-160														
(S) 170-190	4.3											4.3	2.3	2.0
200-220	10.5	1.6										12.0	2.9	3.0
230-250	1.9											1.9	1.6	1.0
(W) 260-280	.4											.4	2.0	2.0
290-310	.8											.8	1.0	1.0
320-340	8.5	1.9										10.5	2.8	2.0
VARIABLE														
CALM	////////////////////////////////////											31.4	////////////////////////////////	
TOTALS	39.6	27.1	1.9									100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 258

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	21.8	7.3										29.1	3.4	3.0
020-040	8.5	.6										9.1	2.0	2.0
050-070	.6	.6										1.2	5.0	5.0
(E) 080-100														
110-130														
140-160	.6											.6	1.0	1.0
(S) 170-190	1.2											1.2	2.5	2.5
200-220	2.4	.6										3.0	2.6	2.0
230-250	1.8	.6										2.4	3.0	3.0
(W) 260-280	.6	.6										1.2	4.5	4.5
290-310	1.8	1.2										3.0	3.6	3.0
320-340	10.3	3.0										13.3	3.5	3.0
VARIABLE														
CALM	////////////////////////////////////											35.8	////////	
TOTALS	49.6	14.5										100.0	2.0	3.0

TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	28.5	6.7										35.2	3.1	2.0
020-040	4.8											4.8	1.3	1.0
050-070	1.8											1.8	1.3	1.0
(E) 080-100														
110-130														
140-160	.6											.6	1.0	1.0
(S) 170-190	1.8											1.8	2.7	2.0
200-220	2.4	.6										3.0	3.0	3.0
230-250	1.2	.6										1.8	2.7	2.0
(W) 260-280	.6											.6	1.0	1.0
290-310	1.8											1.8	2.7	2.0
320-340	7.9											7.9	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											40.6	////////	
TOTALS	51.4	7.9										100.0	1.6	2.0
TOTAL NUMBER OF OBSERVATIONS 165														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	22.3	7.8	.6									30.7	3.7	3.0
020-040	3.0	1.2										4.2	2.7	2.0
050-070	.6											.6	2.0	2.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.0											3.0	1.6	2.0
200-220	6.0											6.0	1.9	1.5
230-250	1.8	.6										2.4	3.3	3.5
(W) 260-280														
290-310	.6											.6	2.0	2.0
320-340	6.6											6.6	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											45.8	////////	
TOTALS	43.9	9.6	.6									100.0	1.7	2.0
TOTAL NUMBER OF OBSERVATIONS 166														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N)	350-010	12.5	10.7	2.7									25.9	4.7	5.0
	020-040	4.5	.9										5.4	3.3	3.5
	050-070														
(E)	080-100														
	110-130		.9										.9	5.0	5.0
	140-160	1.8		.9									2.7	4.7	2.0
(S)	170-190	7.1	.9										8.0	2.7	2.0
	200-220	7.1	2.7										9.8	3.1	2.0
	230-250	.9	1.8										2.7	5.7	6.0
(W)	260-280	.9											.9	1.0	1.0
	290-310	1.8											1.8	4.0	4.0
	320-340	10.7	.9										11.6	2.2	2.0
VARIABLE															
CALM		////////////////////////////////////										30.4	////////////////////////////////		
TOTALS		47.3	18.8	3.6									100.0	2.6	3.0
TOTAL NUMBER OF OBSERVATIONS 112															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.1	6.5	1.2									20.8	4.2	4.0
020-040	1.2	3.6	1.2									6.0	6.2	5.5
050-070	.6		.6									1.2	7.0	7.0
(E) 080-100		.6										.6	5.0	5.0
110-130		1.2										1.2	8.0	8.0
140-160	1.8											1.8	1.7	2.0
(S) 170-190	6.0	1.8										7.7	3.2	3.0
200-220	13.1	6.0										19.0	3.3	3.0
230-250	3.0	2.4										5.4	4.8	4.0
(W) 260-280	.6	.6										1.2	4.5	4.5
290-310	4.8	2.4										7.1	3.6	4.0
320-340	7.7	1.2										8.9	2.9	3.0
VARIABLE		.6										.6	7.0	7.0
CALM	////////////////////											18.5	////////////////	
TOTALS	51.9	26.9	3.0									100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.9	10.7	.6									23.2	4.5	4.0
020-040	4.2	3.6	.6	.6								8.9	5.5	5.0
050-070	.6											.6	2.0	2.0
(E) 080-100	1.8	.6										2.4	3.5	3.0
110-130														
140-160	.6											.6	4.0	4.0
(S) 170-190	2.4	.6										3.0	3.8	4.0
200-220	6.0	6.0										11.9	4.4	4.5
230-250	8.3	6.0										14.3	4.0	3.5
(W) 260-280	1.8	1.2										3.0	3.8	3.0
290-310	8.9	.6										9.5	2.6	2.0
320-340	14.3	1.2										15.5	3.0	3.0
VARIABLE		1.2										1.2	7.5	7.5
CALM	////////////////////////////////////											6.0	////////	
TOTALS	60.8	31.7	1.2	.6								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	13.9	4.2	1.2									19.3	3.5	3.0
020-040	6.6	1.8										8.4	3.1	2.5
050-070	1.2											1.2	1.0	1.0
(E) 080-100														
110-130	1.2	.6										1.8	3.7	3.0
140-160														
(S) 170-190	.6											.6	2.0	2.0
200-220	7.2	.6										7.8	3.2	2.0
230-250	8.4	.6										9.0	2.5	2.0
(W) 260-280	7.2	.6										7.8	2.6	2.0
290-310	5.4	.6										6.0	2.8	3.0
320-340	11.4	1.8										13.3	3.0	3.0
VARIABLE														
CALM	////////////////////											24.7	////////	
TOTALS	63.1	10.8	1.2									100.0	2.3	3.0

TOTAL NUMBER OF OBSERVATIONS 166

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	20.2	5.5										25.8	3.2	2.0
020-040	14.1											14.1	2.0	2.0
050-070	1.8											1.8	1.7	1.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	.6											.6	3.0	3.0
200-220	2.5	.6										3.1	2.8	3.0
230-250	1.2											1.2	1.5	1.5
(W) 260-280	.6											.6	2.0	2.0
290-310														
320-340	12.3	1.8	.6									14.7	3.2	3.0
VARIABLE														
CALM	////////////////////////////////////											38.0	////////	
TOTALS	53.3	7.9	.6									100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 163

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	18.2	7.3	.7									26.2	3.7	3.0
020-040	5.9	1.5	.2	.1								7.7	3.2	2.0
050-070	.9	.1	.1									1.1	2.8	2.0
(E) 080-100	.2	.2										.4	3.8	4.0
110-130	.2	.3										.5	5.3	5.0
140-160	.6		.1									.7	2.8	2.0
(S) 170-190	2.7	.4										3.1	2.8	2.0
200-220	5.8	2.1										7.9	3.3	3.0
230-250	3.5	1.6										5.0	3.6	3.0
(W) 260-280	1.6	.4										2.0	3.0	3.0
290-310	3.2	.6										3.8	3.0	3.0
320-340	10.1	1.3	.1									11.5	2.9	3.0
VARIABLE		.2										.2	7.3	7.0
CALM	////////////////////////////////////											29.9	////////////////////////////////	
TOTALS	52.9	16.0	1.2	.1								100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 1273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	23.5	5.5										29.0	3.2	3.0
020-040	2.1											2.1	1.6	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	4.6											4.6	2.2	2.0
200-220	8.0	2.5										10.5	3.1	3.0
230-250	2.1	.4										2.5	3.0	3.0
(W) 260-280	.4	.4										.8	4.5	4.5
290-310	1.3	.4										1.7	3.8	4.0
320-340	13.4	.3										14.7	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											34.0	////////////////////////////////	
TOTALS	55.4	10.5										100.0	1.9	2.0

TOTAL NUMBER OF OBSERVATIONS 238

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	12.9	5.4										18.3	3.3	2.0
020-040	9.7	1.1										10.8	2.1	2.0
050-070	2.7											2.7	2.2	2.0
(E) 080-100														
110-130	.5											.5	1.0	1.0
140-160														
(S) 170-190	3.2	.5										3.8	3.3	3.0
200-220	2.2	2.7										4.8	4.8	5.0
230-250	2.7	.5										3.2	2.3	1.5
(W) 260-280	.5											.5	1.0	1.0
290-310	.5	.5										1.1	5.0	5.0
320-340	5.4											5.4	2.6	2.5
VARIABLE														
CALM	////////////////////////////////////											48.9	////////	
TOTALS	40.3	10.7										100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	15.1	5.9										21.0	3.0	2.0
020-040	3.8	1.1										4.8	2.9	3.0
050-070	1.1	1.1										2.2	5.0	5.5
(E) 080-100		.5										.5	7.0	7.0
110-130														
140-160														
(S) 170-190	2.7											2.7	2.0	2.0
200-220	6.5	1.1										7.5	2.9	2.5
230-250														
(W) 260-280														
290-310														
320-340	4.3											4.3	3.0	3.5
VARIABLE														
CALM	////////////////////////////////////											57.0	////////	
TOTALS	33.5	9.7										100.0	1.3	2.5

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	15.6	5.4	.5									21.5	3.3	2.0
020-040	3.8	1.1										4.8	3.7	4.0
050-070	1.6											1.6	1.3	1.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	4.8	1.1										5.9	2.7	2.0
200-220	8.1	.5										8.6	2.5	2.0
230-250	3.2											3.2	3.3	4.0
(W) 260-280														
290-310														
320-340	5.9											5.9	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											48.4	////////	
TOTALS	43.0	8.1	.5									100.0	1.5	2.0
TOTAL NUMBER OF OBSERVATIONS 186														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	50-54	GE 65			
(N) 350-010	11.3	10.5	.8									22.6	4.7	4.5
020-040	2.4	3.2										5.6	5.1	5.0
050-070														
(E) 080-100														
110-130														
140-160	1.6											1.6	3.0	3.0
(S) 170-190	11.3	3.2										14.5	3.6	4.0
200-220	24.2	8.1										32.3	3.9	4.0
230-250		1.6										1.6	5.5	5.5
(W) 260-280	.8											.8	1.0	1.0
290-310	2.4	.8										3.2	3.5	3.5
320-340	3.2	.8										4.0	3.6	3.0
VARIABLE														
CALM	////////////////////////////////////											13.7	////////	
TOTALS	57.2	28.2	.8									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 124

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	7.5										14.0	4.8	5.0
020-040	3.8	2.7										6.5	4.1	3.5
050-070	1.1	1.1	.5									2.7	6.4	8.0
(E) 080-100	.5	3.2										3.8	6.0	6.0
110-130	1.1											1.1	3.0	3.0
140-160	3.2	.5										3.8	3.9	4.0
(S) 170-190	8.1	1.6										9.7	3.8	4.0
200-220	12.9	12.9	.5									26.3	4.7	5.0
230-250	5.9	3.2										9.1	3.9	4.0
(W) 260-280	2.2											2.2	2.5	2.5
290-310	3.2	3.2	.5									7.0	5.2	6.0
320-340	3.2	3.2										6.5	4.3	4.5
VARIABLE		1.1	1.1									2.2	9.8	9.5
CAIM	////////////////////////////////////											5.4	////////	
TOTALS	51.7	40.2	2.6									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	6.5	2.2									11.3	6.3	6.0
020-040	3.2	1.1										4.3	3.8	3.5
050-070	1.1	1.6	.5									3.2	6.7	7.0
(E) 080-100	1.6	.5										2.2	3.5	2.5
110-130		1.1										1.1	7.0	7.0
140-160														
(S) 170-190	3.2	3.2										6.5	4.4	4.5
200-220	6.5	10.2	3.8	.5								21.0	6.7	7.0
230-250	3.8	5.9	.5									10.2	5.4	6.0
(W) 260-280	4.3	3.2										7.5	3.8	3.5
290-310	4.8	3.8	.5									9.1	4.4	4.0
320-340	7.5	5.4	1.1									14.0	4.7	4.0
VARIABLE		1.6	1.1									2.7	9.2	9.0
CALM	////////////////////////////////////											7.0	////////	
TOTALS	38.7	44.1	9.7	.5								100.0	5.1	6.0
TOTAL NUMBER OF OBSERVATIONS 186														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	3.8	4.3	.5									8.6	5.0	5.0
020-040	1.6	1.6										3.2	4.7	5.0
050-070	1.6	1.1										2.7	4.6	4.0
(E) 080-100	1.1	1.1	.5									2.7	5.2	5.0
110-130	1.6											1.6	2.0	2.0
140-160	.5	1.1										1.6	5.0	5.0
(S) 170-190	2.7	.5	.5									3.8	3.9	2.0
200-220	14.0	7.5	1.1									22.6	4.5	4.0
230-250	8.6	5.4										14.0	3.9	4.0
(W) 260-280	5.9	.5										6.5	2.9	2.0
290-310	5.9	.5										6.5	2.8	2.0
320-340	2.2	4.8	.5									7.5	5.8	6.0
VARIABLE		.5										.5	8.0	8.0
CALM	////////////////////////////////////											18.3	////////////////////////////////	
TOTALS	49.5	28.9	3.1									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.8	5.4										10.2	4.3	5.0
020-040	11.8	2.2										14.0	2.7	2.0
050-070	1.1	5										1.6	2.7	2.0
(E) 080-100	1.1											1.1	1.0	1.0
110-130	1.1											1.1	2.0	2.0
140-160	.5											.5	4.0	4.0
(S) 170-190	.5	.5										1.1	4.0	4.0
200-220	3.2	1.6	1.1									5.9	5.2	4.0
230-250	2.7	.5										3.2	3.2	3.5
(W) 260-280	.5											.5	2.0	2.0
290-310	.5											.5	1.0	1.0
320-340	3.8	2.2	.5									6.5	5.1	3.0
VARIABLE		.5										.5	7.0	7.0
CALM	////////////////////////////////////											53.2	////////	
TOTALS	31.6	13.4	1.6									100.0	1.7	3.0
TOTAL NUMBER OF OBSERVATIONS 186														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	9.0	6.2	.5									15.6	4.1	4.0
020-040	5.1	1.7										6.8	3.2	2.0
050-070	1.3	.7	.1									2.2	4.5	4.0
(E) 080-100	.6	.7	.1									1.3	4.8	5.0
110-130	.6	.1										.7	3.1	2.5
140-160	.7	.2										.9	4.0	4.0
(S) 170-190	4.3	1.3	.1									5.6	3.5	3.5
200-220	9.0	5.5	.8	.1								15.4	4.6	4.0
230-250	3.5	2.2	.1									5.8	4.1	4.0
(W) 260-280	1.8	.5										2.3	3.1	2.0
290-310	2.2	1.1	.1									3.4	4.1	3.0
320-340	4.5	2.1	.3									6.9	4.1	4.0
VARIABLE		.5	.3									.8	9.1	9.0
CALM	////////////////////////////////////											32.3	////////	
TOTALS	42.6	22.8	2.4	.1								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 1426

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

WIND SPEED IN KNOTS														
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEAN	MEDIAN
(DEGREES)												%	WIND	WIND
(N) 350-010	3.7	1.9	.6									6.2	4.7	4.0
020-040	1.2	1.2										2.5	3.8	4.0
050-070	.6	1.2										1.9	5.7	7.0
(E) 080-100		.6										.6	7.0	7.0
110-130														
140-160	.6											.6	3.0	3.0
(S) 170-190	6.2	1.2										7.4	3.5	3.5
200-220	20.4	3.7										24.1	3.3	3.0
230-250	5.6	1.9										7.4	3.4	4.0
(W) 260-280	.6											.6	2.0	2.0
290-310	.6	1.2										1.9	5.0	5.0
320-340	3.7	1.2										4.9	4.3	3.5
VARIABLE														
CALM	////////////////////////////////////											42.0	////////	
TOTALS	43.2	14.1	.6									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 162

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	10.6	1.2	1.2									12.9	3.4	2.0
020-040	5.9											5.9	2.3	2.0
050-070	2.9											2.9	1.4	1.0
(E) 080-100	.6											.6	3.0	3.0
110-130	.6											.6	3.0	3.0
140-160	.6	.6										1.2	3.5	3.5
(S) 170-190	4.1											4.1	2.3	2.0
200-220	1.2	.6	.6									2.4	5.8	5.0
230-250	.6											.6	4.0	4.0
(W) 260-280														
290-310	.6											.6	2.0	2.0
320-340	3.5											3.5	2.7	2.5
VARIABLE		1.2										1.2	8.5	8.5
CALM	////////////////////////////////////											63.5	////////	
TOTALS	31.2	3.6	1.8									100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 170

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	16.4	1.8										18.1	2.7	2.0
020-040	3.5	.6										4.1	2.3	2.0
050-070	2.9											2.9	1.4	1.0
(E) 080-100														
110-130														
140-160	.6											.6	4.0	4.0
(S) 170-190	4.1	1.2	.6									5.8	3.8	3.0
200-220	3.5	.6										4.1	4.0	4.0
230-250		1.8										1.8	6.3	6.0
(W) 260-280														
290-310														
320-340	4.1											4.1	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											58.5	////////	
TOTALS	35.1	6.0	.6									100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 171														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	9.5	3.6	.6									13.6	3.5	3.0
020-040	4.7											4.7	2.1	2.0
050-070	1.8											1.8	1.3	1.0
(E) 080-100	.6											.6	4.0	4.0
110-130	1.8											1.8	1.7	2.0
140-160	1.2											1.2	1.5	1.5
(S) 170-190	4.1	3.0										7.1	4.5	4.0
200-220	5.9	1.2	1.8	.6								9.5	5.3	4.0
230-250	.6											.6	1.0	1.0
(W) 260-280	.6											.6	2.0	2.0
290-310	.6	.6										1.2	3.5	3.5
320-340	10.7	1.2										11.8	3.0	3.0
VARIABLE														
CALM	////////////////////////////////////											45.6	////////	
TOTALS	42.1	9.6	2.4	.6								100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 169

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.6	7.1	.9									11.6	5.7	6.0
020-040	.9	2.7										3.6	5.3	5.0
050-070	.9	.9										1.8	4.5	4.5
(E) 080-100														
110-130														
140-160		.9										.9	8.0	8.0
(S) 170-190	8.0	2.7	.9									11.6	4.3	4.0
200-220	14.3	8.0	1.8									24.1	4.4	4.0
230-250	1.8	3.6										5.4	4.8	6.0
(W) 260-280		.9										.9	8.0	8.0
290-310	1.8	3.6										5.4	6.0	7.0
320-340	3.6											3.6	2.5	2.5
VARIABLE		1.8	1.8									3.6	10.5	10.0
CALM	////////////////////////////////////											27.7	////////	
TOTALS	34.9	32.2	5.4									100.0	3.7	5.0

TOTAL NUMBER OF OBSERVATIONS 112

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.2	5.5	3.6									13.3	7.0	6.5
020-040	1.2	2.4										3.6	4.8	5.5
050-070	1.8											1.8	3.7	4.0
(E) 080-100														
110-130	.6											.6	4.0	4.0
140-160	1.2											1.2	2.5	2.5
(S) 170-190	6.7	3.0	1.2									10.9	4.9	4.0
200-220	10.9	9.7	5.5	.6								26.7	6.3	5.0
230-250	3.6	4.2	1.8	.6								10.3	6.4	5.0
(W) 260-280	2.4	.6	.6									3.6	4.8	3.5
290-310	3.6	1.8	1.2									6.7	5.6	4.0
320-340	3.6	3.0										6.7	4.4	4.0
VARIABLE		1.2	1.8	1.2								4.2	12.1	13.0
CALM	////////////////////////////////////											10.3	////////	
TOTALS	39.8	31.4	15.7	2.4								100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	4.2	.6									6.1	6.2	6.0
020-040	1.8	3.0	1.2									6.1	5.9	5.0
050-070		1.2										1.2	6.5	6.5
(E) 080-100														
110-130														
140-160	1.2											1.2	2.5	2.5
(S) 170-190	3.0	3.0										6.1	5.4	5.0
200-220	5.5	9.7	7.3	.6								23.0	7.5	6.5
230-250	10.3	4.8	.6									15.8	3.9	3.5
(W) 260-280	6.1	3.0										9.1	3.9	4.0
290-310	3.6	3.6										7.3	4.9	4.5
320-340	3.6	6.1	1.2	.6								11.5	5.9	6.0
VARIABLE		1.2	5.5									6.7	11.1	10.0
CALM	////////////////////////////////////											6.1	////////	
TOTALS	36.3	39.8	16.4	1.2								100.0	5.7	5.0
TOTAL NUMBER OF OBSERVATIONS 165														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	3.6	1.8	1.2									6.7	4.6	4.0
020-040	2.4	1.8										4.2	4.4	4.0
050-070	1.2											1.2	1.0	1.0
(E) 080-100		.6										.6	6.0	6.0
110-130	.6	.6										1.2	4.5	4.5
140-160	.6											.6	4.0	4.0
(S) 170-190	1.8	.6										2.4	3.5	3.5
200-220	14.5	10.3	.6	1.8								27.3	5.4	4.0
230-250	7.3	7.9										15.2	4.8	5.0
(W) 260-280	4.8	.6										5.5	3.2	3.0
290-310	3.6	1.8										5.5	3.8	4.0
320-340	1.2	2.4										3.6	5.7	6.0
VARIABLE	.6	.6	1.2									2.4	7.5	8.5
CALM	////////////////////////////////////											23.6	////////	
TOTALS	42.2	29.0	3.0	1.8								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	9.6	1.8	.6									12.0	3.1	2.0
020-040	8.4	.6										9.0	2.7	2.0
050-070	3.6											3.6	1.8	2.0
(E) 080-100	1.8											1.8	2.0	2.0
110-130	1.2											1.2	1.5	1.5
140-160														
(S) 170-190	1.8											1.8	2.7	2.0
200-220	7.2	3.0	1.2		.6							12.0	5.2	3.5
230-250	1.2											1.2	2.5	2.5
(W) 260-280	.6											.6	2.0	2.0
290-310														
320-340	3.6	2.4										6.0	4.4	4.0
VARIABLE	.6	.6	.6									1.8	6.3	6.0
CALM	////////////////////////////////////											49.1	////////	
TOTALS	39.6	8.4	2.4		.6							100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 167														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: APR 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		7.6	3.2	1.1									11.8	4.2	3.0
020-040		3.7	1.3	.2									5.2	3.5	3.0
050-070		1.9	.2										2.2	2.3	2.0
(E) 080-100		.4	.1										.5	3.2	2.5
110-130		.6	.1										.7	2.7	2.0
140-160		.7	.2										.9	3.3	3.0
(S) 170-190		4.0	1.6	.3									6.0	4.3	4.0
200-220		7.6	5.2	2.3	.5	.1							15.7	5.8	5.0
230-250		3.2	2.7	.3	.1								6.3	4.8	4.0
(W) 260-280		1.9	.6	.1									2.6	3.9	3.0
290-310		1.7	1.3	.2									3.2	4.9	4.0
320-340		4.3	1.9	.2	.1								6.5	4.1	4.0
VARIABLE		.2	.8	1.3	.2								2.4	10.2	10.0
CALM		////////////////////////////////////											36.1	////////////////////////////////	
TOTALS		37.8	19.2	6.0	.9	.1							100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1284

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.2	1.0										7.2	2.9	2.0
020-040	4.1	2.1										6.2	3.0	2.5
050-070	3.1											3.1	1.7	1.0
(E) 080-100		1.0										1.0	6.0	6.0
110-130														
140-160	1.0											1.0	1.0	1.0
(S) 170-190	5.2											5.2	1.8	2.0
200-220	11.3	9.3	2.1									22.7	5.2	4.5
230-250	2.1	7.2										9.3	5.2	6.0
(W) 260-280		1.0										1.0	6.0	6.0
290-310	2.1	1.0										3.1	5.3	4.0
320-340	6.2											6.2	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											34.0	////////////////////////////////	
TOTALS	41.3	22.6	2.1									100.0	2.6	3.5

TOTAL NUMBER OF OBSERVATIONS 97

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	14.4	5.0										19.4	3.2	2.0
020-040	3.3	1.7										5.0	3.6	2.0
050-070	1.7	.6										2.2	2.5	1.5
(E) 080-100		.6										.6	6.0	6.0
110-130														
140-160	.6											.6	1.0	1.0
(S) 170-190	4.4	.6										5.0	2.8	2.0
200-220	6.7	1.1										7.8	2.8	2.0
230-250	1.1	1.1										2.2	3.8	3.5
(W) 260-280	.6	.6										1.1	3.5	3.5
290-310	.6											.6	2.0	2.0
320-340	1.1		.6									1.7	5.3	2.0
VARIABLE		.6										.6	7.0	7.0
CALM	////////////////////////////////////											53.3	////////	
TOTALS	34.5	11.9	.6									100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	12.8	2.2										15.0	2.9	3.0
020-040	2.8	1.7										4.4	4.1	4.0
050-070	2.2											2.2	1.5	1.0
(E) 080-100		.6										.6	5.0	5.0
110-130	.6											.6	2.0	2.0
140-160	.6											.6	1.0	1.0
(S) 170-190	5.0	1.7										6.7	3.1	2.5
200-220	8.9	2.2										11.1	2.9	2.5
230-250	3.3	1.1										4.4	2.6	2.0
(W) 260-280	.6											.6	1.0	1.0
290-310														
320-340	6.1	.6										6.7	2.8	2.5
VARIABLE		.6										.6	8.0	8.0
CALM	////////////////////////////////////											46.7	////////	
TOTALS	42.9	10.7										100.0	1.6	2.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASFY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	9.4	1.7										11.1	3.1	3.0
020-040	3.3	1.1										4.4	3.3	3.5
050-070			.6									.6	10.0	10.0
(E) 080-100	1.1											1.1	1.5	1.5
110-130	1.1											1.1	1.0	1.0
140-160														
(S) 170-190	16.1	1.1										17.2	2.7	3.0
200-220	12.2	3.9										16.1	3.7	3.0
230-250	1.1											1.1	3.0	3.0
(W) 260-280	1.7											1.7	2.7	3.0
290-310														
320-340	1.7											1.7	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											43.9	////////	
TOTALS	47.7	7.8	.6									100.0	1.8	3.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.3	4.2	.8									8.3	5.1	5.0
020-040		5.0											5.0	3.2	3.5
050-070		1.7	.8										2.5	3.7	4.0
(E) 080-100		.8											.8	1.0	1.0
110-130		1.7	.8										2.5	3.3	4.0
140-160		2.5	.8										3.3	3.6	3.5
(S) 170-190		12.5	7.5										20.0	3.9	4.0
200-220		14.2	10.8										25.0	4.6	4.0
230-250		4.2	4.2										8.3	4.1	4.5
(W) 260-280		1.7											1.7	3.0	3.0
290-310		2.5											2.5	3.0	3.0
320-340		6.7											6.7	2.4	2.0
VARIABLE			3.3	1.7									5.0	8.5	8.0
CALM		////////////////////////////////////											8.3	////////////////////////////////	
TOTALS		56.8	32.4	2.5									100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 120															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: MAY HOURS: 12-14

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	5.6	1.1										6.7	3.3	3.0
020-040	1.1	.6										1.7	4.0	4.0
050-070	4.4											4.4	3.4	3.5
(E) 080-100	.6	.6										1.1	4.0	4.0
110-130	1.1											1.1	1.5	1.5
140-160	2.2	.6										2.8	3.2	2.0
(S) 170-190	6.1	7.2	1.1									14.4	5.4	5.0
200-220	13.9	13.3	2.8	.6								30.6	5.3	5.0
230-250	6.1	2.8										8.9	3.8	4.0
(W) 260-280	2.8	4.4										7.2	4.5	5.0
290-310	2.8	1.7										4.4	3.8	3.0
320-340	2.8	2.8										5.6	4.5	4.5
VARIABLE		3.3	2.2									5.6	8.5	8.0
CALM	////////////////////////////////////											5.6	////////	
TOTALS	49.5	38.4	6.1	.6								100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.4	5.6	.6									9.5	5.3	6.0
020-040	1.1	.6										1.7	3.7	4.0
050-070	1.1	1.7										2.8	4.6	5.0
(E) 080-100	1.7											1.7	2.3	3.0
110-130														
140-160	2.8	.6										3.4	3.0	3.0
(S) 170-190	3.4	5.0	1.7									10.1	6.2	5.5
200-220	7.8	12.8	7.3	.6								28.5	7.0	6.0
230-250	2.8	11.2	.6									14.5	5.5	5.0
(W) 260-280	2.2	3.4										5.6	4.7	5.5
290-310	2.2	1.7										3.9	4.4	4.0
320-340	5.0	3.9										8.9	4.4	4.0
VARIABLE		6.1	1.1									7.3	8.6	8.0
CALM	////////////////////////////////////											2.2	////////////////////////////////	
TOTALS	33.5	52.6	11.3	.6								100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		3.3	3.9		.6								7.8	5.2	5.0
020-040		1.1	1.1										2.2	5.0	4.5
050-070		.6	2.2										2.8	4.8	5.0
(E) 080-100															
110-130		.6											.6	1.0	1.0
140-160		1.1											1.1	2.0	2.0
(S) 170-190		3.3	1.7	1.7									6.7	6.0	5.0
200-220		13.9	18.9	.6									33.3	4.6	5.0
230-250		10.6	4.4	.6									15.6	3.7	3.0
(W) 260-280		4.4	2.2										6.7	3.5	2.5
290-310		2.2	1.1										3.3	2.7	1.5
320-340		4.4											4.4	2.5	2.5
VARIABLE		3.3										3.3	7.3	7.5	
CALM		////////////////////////////////////										12.2	////////		
TOTALS		45.5	38.8	2.9	.6								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	12.7	1.7										14.4	2.3	2.0
020-040	8.3	1.1										9.4	2.1	2.0
050-070	2.8											2.8	2.6	2.0
(E) 080-100														
110-130	1.1											1.1	1.0	1.0
140-160	3.3											3.3	2.3	2.5
(S) 170-190	5.0	1.1	.6									6.6	3.5	2.0
200-220	8.3	2.2	.6	.6								11.6	4.0	2.0
230-250	3.9											3.9	2.4	3.0
(W) 260-280														
290-310	.6											.6	2.0	2.0
320-340	5.0											5.0	2.0	2.0
VARIABLE		.6										.6	8.0	8.0
CALM	////////////////////////////////////											40.9	////////	
TOTALS	51.0	6.7	1.2	.6								100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 181

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	8.3	3.1	.1	.1								11.7	3.5	3.0
020-040	3.2	1.0										4.2	3.3	3.0
050-070	1.8	.7	.1									2.5	3.5	4.0
(E) 080-100	.5	.2										.7	3.0	2.5
110-130	.7	.1										.8	1.8	1.0
140-160	1.6	.2										1.8	2.8	3.0
(S) 170-190	6.7	3.0	.7									10.4	4.2	4.0
200-220	10.6	8.0	1.4	.2								20.3	4.8	4.0
230-250	4.1	3.0	.1									7.3	4.0	4.0
(W) 260-280	1.7	1.4										3.1	3.9	4.0
290-310	1.3	.6										1.9	3.5	3.5
320-340	4.0	.9	.1									5.0	3.3	3.0
VARIABLE		2.2	.6									2.8	8.3	8.0
CALM	////////////////////											27.5	////////	
TOTALS	44.5	24.4	3.1	.3								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0											3.0	1.9	2.0
020-040	1.3	.8										2.1	3.8	3.0
050-070	2.5		.4									3.0	3.3	2.0
(E) 080-100	1.3											1.3	2.3	2.0
110-130	.8											.8	1.0	1.0
140-160	.8											.8	2.0	2.0
(S) 170-190	9.7	3.0	2.5									15.3	4.9	4.0
200-220	17.4	8.1	1.3	.8								27.5	4.5	4.0
230-250	5.5	1.7										7.2	2.9	2.0
(W) 260-280	2.5	.8										3.4	3.1	3.0
290-310	.8											.8	2.0	2.0
320-340	2.1											2.1	2.0	2.0
VARIABLE														
CALM	////////////////////											32.6	////////	
TOTALS	47.7	14.4	4.2	.8								100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 236

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	14.4	1.1			.6							16.1	2.9	2.0
020-040	5.6											5.6	1.9	2.0
050-070	2.2	.6										2.8	2.4	2.0
(E) 080-100	.6											.6	1.0	1.0
110-130	.6	.6										1.1	4.5	4.5
140-160	.6	.6										1.1	4.5	4.5
(S) 170-190	4.4	1.7	1.1									7.2	4.7	4.0
200-220	3.9	2.8										6.7	4.7	4.0
230-250	1.7											1.7	2.3	2.0
(W) 260-280	.6											.6	4.0	4.0
290-310	1.7	1.7										3.3	4.7	4.5
320-340	11.7											11.7	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											41.7	////////////////////////////////	
TOTALS	48.0	9.1	1.1		.6							100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	18.3	1.1										19.4	2.1	2.0
020-040	2.2											2.2	1.8	2.0
050-070	1.7											1.7	2.3	2.0
(E) 080-100														
110-130	.6	1.1										1.7	4.7	5.0
140-160														
(S) 170-190	1.1											1.1	1.0	1.0
200-220	6.7	2.2	1.1									10.0	4.3	3.5
230-250	1.1											1.1	2.5	2.5
(W) 260-280	1.7											1.7	1.3	1.0
290-310	1.7											1.7	1.7	2.0
320-340	9.4	1.7										11.1	2.8	2.5
VARIABLE														
CALM	////////////////////////////////////											48.3	////////	
TOTALS	44.5	6.1	1.1									100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 7

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.6	1.7	1.1									15.3	3.3	2.0
020-040	2.2											2.2	1.3	1.0
050-070	3.3	.6										3.9	2.4	2.0
(E) 080-100		.6										.6	6.0	6.0
110-130	.6											.6	4.0	4.0
140-160	1.1											1.1	2.0	2.0
(S) 170-190	10.0	1.1										11.1	2.6	2.0
200-220	7.2	3.9	.6									11.7	4.0	3.0
230-250	.6											.6	2.0	2.0
(W) 260-280														
290-310	1.1											1.1	1.0	1.0
320-340	8.9	.6										9.4	2.0	2.0
VARIABLE														
CALM	////////////////////////////////////											44.4	////////	
TOTALS	45.6	8.5	1.7									100.0	1.6	2.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.8	1.7										12.5	3.1	4.0
020-040	.8	1.7										2.5	4.3	5.0
050-070		1.7										1.7	5.5	5.5
(E) 080-100	.8											.8	2.0	2.0
110-130	1.7	1.7										3.3	4.8	4.0
140-160	6.7	2.5										9.2	3.9	4.0
(S) 170-190	14.2	2.5										16.7	3.4	3.0
200-220	17.5	7.5										25.0	4.0	4.0
230-250	3.3	1.7										5.0	3.3	2.0
(W) 260-280	2.5											2.5	3.3	4.0
290-310	1.7											1.7	2.0	2.0
320-340	5.0	.8										5.8	2.4	2.0
VARIABLE		.8										.8	8.0	8.0
CALM	////////////////////////////////////											12.5	////////	
TOTALS	65.0	22.6										100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 120														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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) 050-070	5.6	5.6	1.7									12.8	5.6	5.0
070-090	2.8	.6	.6									3.9	4.3	3.0
090-070	1.3	1.1										4.4	3.1	3.0
(E) 080-100														
110-130	1.1	2.2										3.3	5.0	6.0
140-160	6.1											6.1	3.0	3.0
(S) 170-190	3.9	7.2										11.1	5.0	5.0
200-220	20.0	7.2	1.7									28.9	4.3	4.0
230-250	6.1	7.8	1.1									15.0	4.9	5.0
(W) 260-280	3.3											3.3	2.8	3.0
290-310	.6	1.1										1.7	5.0	6.0
320-340	2.2	1.1										3.3	3.3	2.0
VARIABLE		1.1	.6									1.7	6.7	7.0
CALM	////////////////////////////////////											4.4	////////	
TOTALS	55.0	35.0	5.7									100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	5.0	5.0	.6									10.6	4.5	5.0
020-040	3.9	3.3										7.2	4.3	4.0
050-070	2.8	1.1										3.9	4.3	4.0
(E) 080-100	2.8											2.8	3.2	3.0
110-130	2.8											2.8	2.6	2.0
140-160	1.7		.5									2.2	5.0	4.0
(S) 170-190	2.8	2.2										5.0	4.2	4.0
200-220	13.3	15.0	1.1									29.4	5.1	5.0
230-250	7.2	4.4	.6									12.2	4.4	4.0
(W) 260-280	4.4	3.3										7.6	4.6	4.0
290-310	2.8	1.7	.6									5.0	5.0	4.0
320-340	4.4	1.7										6.1	3.8	4.0
VARIABLE		1.7										1.7	7.7	8.0
CALM	////////////////////////////////////											3.3	////////	
TOTALS	53.9	39.4	3.5									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	6.1	4.4	1.1									11.7	4.8	4.0
020-040	3.9	2.8										6.7	4.1	3.0
050-070	3.9	2.2										6.1	3.8	3.0
(E) 080-100	.6											.6	2.0	2.0
110-130	1.1	.6										1.7	3.3	4.0
140-160	1.1											1.1	1.5	1.5
(S) 170-190	3.3	3.3										6.7	4.5	4.5
200-220	10.6	7.8										18.3	4.2	4.0
230-250	8.3	3.3	.6									12.2	4.1	3.0
(W) 260-280	5.0	2.8										7.8	3.6	4.0
290-310	2.8											2.8	2.0	2.0
320-340	4.4											4.4	2.1	2.0
VARIABLE	1.7											1.7	7.7	8.0
CALM	////////////////////////////////////											18.3	////////	
TOTALS	51.1	28.9	1.7									100.0	3.3	3.0
TOTAL NUMBER OF OBSERVATIONS 180														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	18.9	2.2										21.1	2.4	2.0
020-040	7.2	.6										7.8	2.1	2.0
050-070	1.7											1.7	2.0	1.0
(E) 080-100	.6		.6									1.1	6.5	6.5
110-130														
140-160	.6											.6	2.0	2.0
(S) 170-190	2.2	1.7										3.9	3.9	4.0
200-220	11.1	2.8	1.1									15.0	3.7	3.0
230-250	3.3	.6	.6									4.4	3.6	2.0
(W) 260-280														
290-310	1.1											1.1	1.0	1.0
320-340	6.1	.6										6.7	2.3	2.0
VARIABLE		.6										.6	7.0	7.0
CALM	////////////////////////////////////											36.1	////////	
TOTALS	52.8	9.1	2.3									100.0	1.9	2.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: JUN HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.2	2.9	.6		.1							14.8	3.4	2.0
020-040	3.7	1.1	.1									4.9	3.1	2.0
050-070	2.5	.9										3.3	3.3	3.0
(E) 080-100	.7	.1	.1									.8	3.6	3.0
110-130	1.0	.7										1.7	4.1	4.0
140-160	2.0	.3	.1									2.4	3.5	3.0
(S) 170-190	4.9	2.5	.1									7.5	3.9	4.0
200-220	11.0	6.1	.7									17.8	4.4	4.0
230-250	4.0	2.2	.4									6.6	4.2	4.0
(W) 260-280	2.2	.8										3.0	3.7	4.0
290-310	1.7	.6	.1									2.3	3.5	2.5
320-340	6.6	.8										7.4	2.5	2.0
VARIABLE		.7	.1									.8	7.9	8.0
CALM	////////////////////////////////////											26.7	////////////////////////////////	
TOTALS	51.5	19.7	2.3		.1							100.0	2.7	3.0

TOTAL NUMBER OF OBSERVATIONS 1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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.

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
(DEGREES)												%	WIND
(N) 350-010	7.6	2.0	1.2									10.8	3.9
020-040	2.0	.6										2.6	2.8
050-070	1.7											1.7	1.3
(E) 080-100	.3											.3	1.0
110-130	.3	.3										.6	3.0
140-160	.6											.6	1.5
(S) 170-190	9.6	4.4	.6									14.5	4.1
200-220	16.0	4.9	1.5									22.4	4.2
230-250	3.5	1.5	.3									5.2	3.8
(W) 260-280	1.2											1.2	2.0
290-310	2.0											2.0	2.0
320-340	2.6	.3										2.9	2.9
VARIABLE													
CALM	////////////////////////////////////											35.2	////////
TOTALS	47.4	14.0	3.6									100.0	2.4

TOTAL NUMBER OF OBSERVATIONS 344

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	12.2	3.3	1.1									16.7	3.7	2.0
020-040	4.4											4.4	1.3	1.0
050-070	2.2											2.2	2.0	2.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	1.1	2.2	1.1									4.4	7.3	6.5
200-220	7.8											7.8	1.7	1.0
230-250														
(W) 260-280														
290-310														
320-340	11.1	1.1										12.2	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											52.2	////////	
TOTALS	38.8	6.6	2.2									100.0	1.5	2.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	11.1	4.4										15.6	3.3	2.0
020-040	3.3		1.1									4.4	4.0	2.5
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	2.2	4.4	1.1									7.8	5.6	5.0
200-220	10.0											10.0	1.8	1.0
230-250														
(W) 260-280														
290-310	1.1											1.1	1.0	1.0
320-340	6.7	2.2										8.9	3.6	2.5
VARIABLE														
CALM	////////////////////////////////////											52.2	////////	
TOTALS	34.4	11.0	2.2									100.0	1.6	2.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	7.8	3.3	1.1									12.2	4.2	3.0
020-040	6.7	1.1										7.8	2.3	2.0
050-070	1.1	2.2										3.3	4.7	5.0
(E) 080-100	1.1											1.1	4.0	4.0
110-130														
140-160														
(S) 170-190	5.6	3.3	1.1									10.0	4.6	3.0
200-220	7.8	2.2										10.0	2.8	2.0
230-250	1.1											1.1	1.0	1.0
(W) 260-280														
290-310														
320-340	4.4	1.1	1.1									6.7	4.2	2.5
VARIABLE														
CALM	////////////////////////////////////											47.8	////////	
TOTALS	35.6	13.2	3.3									100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.9	6.9	3.4									17.2	5.9	6.0
020-040	1.7	3.4										5.2	4.7	5.0
050-070														
(E) 080-100														
110-130														
140-160	3.4											3.4	3.0	3.0
(S) 170-190	5.2	8.6										13.8	5.3	5.5
200-220	24.1	8.6	1.7									34.5	3.9	3.0
230-250	3.4	1.7										5.2	3.3	2.0
(W) 260-280														
290-310														
320-340	3.4	1.7										5.2	3.7	3.0
VARIABLE														
CALM	////////////////////////////////////											15.5	////////////////////////////////	
TOTALS	48.1	30.9	5.1									100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 58														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	4.6	5.7	3.4									13.8	6.5	6.0
020-040	3.4	2.3										5.7	4.6	4.0
050-070														
(E) 080-100	1.1											1.1	4.0	4.0
110-130														
140-160		1.1										1.1	5.0	5.0
(S) 170-190	6.9	9.2										16.1	4.8	5.0
200-220	13.8	5.7	2.3									21.8	4.6	4.0
230-250	6.9	4.6										11.5	4.7	4.0
(W) 260-280	9.2	1.1										10.3	3.2	4.0
290-310	2.3	1.1										3.4	4.7	4.0
320-340	8.0											8.0	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											6.9	////////	
TOTALS	56.2	30.8	5.7									100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 87														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.3	6.9	2.3									11.5	7.4	7.5
020-040	1.1											1.1	4.0	4.0
050-070	1.1											1.1	2.0	2.0
(E) 080-100														
110-130	1.1											1.1	3.0	3.0
140-160	1.1	1.1										2.3	5.0	5.0
(S) 170-190	2.3	1.1										3.4	3.0	2.0
200-220	6.9	18.4	3.4									28.7	6.2	6.0
230-250	9.2	3.4										12.6	3.3	3.0
(W) 260-280	1.1	5.7										6.9	6.0	6.0
290-310	6.9	3.4										10.3	3.6	4.0
320-340	6.9	2.3										9.2	3.4	3.5
VARIABLE														
CALM	////////////////////////////////////											11.5	////////////////////////////////	
TOTALS	40.0	42.3	5.7									100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECCRD: JUL 80 - JUN 90
MONTH: JUL HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	8.0										9.2	7.0	7.5
020-040	2.3											2.3	3.0	3.0
050-070	2.3											2.3	2.0	2.0
(E) 080-100														
110-130	2.3											2.3	1.5	1.5
140-160	1.1											1.1	3.0	3.0
(S) 170-190	3.4											3.4	1.7	2.0
200-220	14.9	5.7										20.7	3.2	2.5
230-250	13.8	9.2										23.0	3.6	3.0
(W) 260-280	6.9	1.1										8.0	2.9	2.0
290-310	3.4											3.4	2.0	1.0
320-340	6.9	1.1										8.0	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											16.1	////////////////////////////////	
TOTALS	58.4	25.1										100.0	2.9	2.0

TOTAL NUMBER OF OBSERVATIONS 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MFAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.3	1.1										11.5	2.2	1.5
020-040	6.9	1.1	1.1									9.2	4.1	3.0
050-070	1.1											1.1	2.0	2.0
(E) 080-100														
110-130	1.1											1.1	3.0	3.0
140-160														
(S) 170-190	3.4											3.4	2.3	2.0
200-220	12.6											12.6	1.7	1.0
230-250	1.1											1.1	2.0	2.0
(W) 260-280	1.1											1.1	3.0	3.0
290-310														
320-340	5.7	1.1										6.9	3.7	4.0
VARIABLE														
CALM	////////////////////////////////////											51.7	////////	
TOTALS	43.3	3.3	1.1									100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 87														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												% WIND WIND
(N) 350-010	7.1	4.9	1.3									13.3 4.8 4.0
020-040	3.8	.9	.3									5.0 3.4 3.0
050-070	1.0	.3										1.3 2.9 2.0
(E) 080-100	.3											.3 4.0 4.0
110-130	.6											.6 2.3 2.5
140-160	.6	.3										.9 4.0 4.0
(S) 170-190	3.7	3.4	.4									7.5 4.7 5.0
200-220	11.7	4.9	.9									17.5 3.8 3.0
230-250	4.4	2.4										6.8 3.7 3.5
(W) 260-280	2.4	1.0										3.4 3.8 4.0
290-310	1.8	.6										2.4 3.3 3.5
320-340	6.8	1.3	.1									8.3 3.1 2.0
VARIABLE												
PALE	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	////////////////////////////////////	32.7 //////////////////////////////////
TOTALS	44.2	20.0	3.0									100.0 2.7 3.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010		5.4	4.3	1.1								10.9	5.0	5.0
020-040		3.3	2.2									5.4	4.0	4.0
050-070		1.1										1.1	2.0	2.0
(E) 080-100		1.1										1.1	4.0	4.0
110-130		2.2										2.2	2.5	2.5
140-160		1.1	1.1									2.2	4.5	4.5
(S) 170-190		2.2	2.2									4.3	3.8	4.0
200-220		17.4	5.4									22.8	3.0	2.0
230-250		1.1										1.1	1.0	1.0
(W) 260-280		1.1										1.1	3.0	3.0
290-310		2.2										2.2	2.5	2.5
320-340		6.5	1.1									7.6	2.7	3.0
VARIABLE														
CALM		////////////////////////////////////										38.0	////////////////////////////////	
TOTALS		44.7	16.3	1.1								100.0	2.1	3.0

TOTAL NUMBER OF OBSERVATIONS 92

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	18.3	7.5										25.8	3.4	2.0
020-040	10.8											10.8	1.7	1.5
050-070	2.2	1.1										3.2	4.0	4.0
(E) 080-100														
110-130														
140-160														
(S) 170-190														
200-220														
230-250														
(W) 260-280														
290-310														
320-340	17.2											17.2	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											43.0	////////	
TOTALS	48.5	8.6										100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	18.3		1.1	1.1								20.4	3.4	2.0
020-040	6.5	1.1		1.1								8.6	3.9	2.0
050-070	4.3											4.3	2.3	2.0
(E) 080-100														
110-130	1.1											1.1	2.0	2.0
140-160														
(S) 170-190														
200-220	4.3	1.1										5.4	2.4	2.0
230-250														
(W) 260-280														
290-310														
320-340	22.6	2.2										24.7	2.7	3.0
VARIABLE														
CALM	////////////////////////////////////											35.5	////////	
TOTALS	57.1	4.4	1.1	2.2								100.0	1.9	2.0
TOTAL NUMBER OF OBSERVATIONS 93														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										GE 65	TOTAL %	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	22.6	1.1	3.2	1.1								28.0	4.1	2.5
020-040	3.2	1.1										4.3	3.3	3.0
050-070	1.1											1.1	1.0	1.0
(E) 080-100														
110-130														
140-160	1.1											1.1	1.0	1.0
(S) 170-190	4.3		1.1									5.4	4.0	3.0
200-220	3.2		1.1									4.3	4.3	3.0
230-250														
(W) 260-280	1.1											1.1	1.0	1.0
290-310														
320-340	19.4											19.4	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											35.5	////////	
TOTALS	56.0	2.2	5.4	1.1								100.0	2.1	2.0
TOTAL NUMBER OF OBSERVATIONS 93														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	6.5	8.1	1.6									16.1	5.6	6.0
020-040	1.6	6.5										8.1	6.4	8.0
050-070		4.8	1.6									6.5	8.0	7.0
(E) 080-100	3.2	1.6										4.8	4.0	4.0
110-130														
140-160	1.6											1.6	4.0	4.0
(S) 170-190	4.8	1.6										6.5	4.0	4.0
200-220	16.1	3.2										19.4	3.1	3.0
230-250	1.6	1.6										3.2	3.5	3.5
(W) 260-280	1.6											1.6	2.0	2.0
290-310	4.8											4.8	2.3	2.0
320-340	12.9											12.9	2.9	3.0
VARIABLE		1.6	1.6									3.2	9.0	9.0
CALM	////////////////////////////////////											11.3	////////	
TOTALS	54.7	29.0	4.8									100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.2	4.3										7.5	5.3	6.0
020-040	3.2	4.3	1.1									8.6	6.6	6.5
050-070	1.1	4.3										5.4	6.4	7.0
(E) 080-100	3.2	1.1	2.2									6.5	5.2	3.5
110-130	4.3											4.3	3.0	3.0
140-160		3.2	1.1									4.3	7.8	8.0
(S) 170-190	2.2	3.2										5.4	4.4	5.0
200-220	8.6	6.5										15.1	4.1	4.0
230-250	5.4	2.2										7.5	3.6	4.0
(W) 260-280	4.3											4.3	2.0	1.5
290-310	3.2											3.2	2.3	2.0
320-340	10.8	1.1										11.8	3.4	4.0
VARIABLE		3.2	3.2									6.5	8.8	9.0
CALM	////////////////////////////////////											9.7	////////	
TOTALS	49.5	33.4	7.6									100.0	4.4	4.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		6.5	6.5										12.9	5.3	4.5
020-040		3.2	7.5										10.8	5.0	5.5
050-070		2.2	1.1										3.2	4.0	4.0
(E) 080-100		1.1	2.2	1.1									4.3	6.5	5.5
110-130		2.2											2.2	3.0	3.0
140-160		1.1	1.1										2.2	5.0	5.0
(S) 170-190		3.2	3.2										6.5	4.2	4.5
200-220		5.4	11.8	1.1									18.3	5.4	5.0
230-250		6.5	2.2										8.6	3.6	3.0
(W) 260-280		4.3											4.3	2.5	2.5
290-310		6.5											6.5	2.0	2.0
320-340		2.2	4.3										6.5	4.5	5.0
VARIABLE			4.3	3.2									7.5	8.9	9.0
CALM		////////////////////////////////////											6.5	////////////////////////////////	
TOTALS		44.4	44.2	5.4									100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.5	15.1	1.1									23.7	5.5	6.0
020-040	2.2	4.3										6.5	4.3	5.5
050-070	2.2											2.2	2.0	2.0
(E) 080-100	2.2											2.2	3.0	3.0
110-130	2.2											2.2	1.5	1.5
140-160	3.2											3.2	2.0	2.0
(S) 170-190	2.2											2.2	4.0	4.0
200-220	9.7	2.2										11.8	2.9	3.0
230-250	7.5	2.2										9.7	3.1	3.0
(W) 260-280	1.1											1.1	4.0	4.0
290-310	2.2											2.2	2.5	2.5
320-340	12.9	2.2										15.1	2.9	3.0
VARIABLE		1.1										1.1	7.0	7.0
CALM	////////////////////////////////////											17.2	////////	
TOTALS	55.1	27.1	1.1									100.0	3.1	3.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	19.4	4.3										23.7	3.1	3.0
020-040	9.7	1.1										10.8	2.3	2.0
050-070		1.1										1.1	9.0	9.0
(E) 080-100														
110-130	1.1											1.1	1.0	1.0
140-160	2.2											2.2	1.5	1.5
(S) 170-190	1.1											1.1	1.0	1.0
200-220	5.4											5.4	2.4	2.0
230-250	1.1											1.1	1.0	1.0
(W) 260-280	1.1											1.1	1.0	1.0
290-310														
320-340	11.8											11.8	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											40.9	////////	
TOTALS	52.9	6.5										100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	13.0	5.8	.8	.3								19.9	4.2	3.0
020-040	5.2	3.1	.1	.1								8.6	4.0	4.0
050-070	1.7	1.4	.1									3.2	4.8	4.0
(E) 080-100	1.1	.6	.4									2.1	5.0	4.0
110-130	1.4											1.4	2.4	2.0
140-160	1.1	.6	.1									1.8	4.2	3.0
(S) 170-190	2.1	1.0	.1									3.2	4.0	4.0
200-220	6.2	3.1	.3									9.5	3.8	4.0
230-250	2.8	1.0										3.8	3.3	3.0
(W) 260-280	1.7											1.7	2.2	2.0
290-310	2.0											2.0	2.2	2.0
320-340	13.7	1.3										15.0	2.8	3.0
VARIABLE	1.3	1.0										2.2	8.8	8.5
CALM	////////////////////////////////////											25.5	////////	
TOTALS	52.0	19.2	2.9	.4								100.0	2.9	3.0
TOTAL NUMBER OF OBSERVATIONS 713														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65		
(N) 350-010	4.3	.9									5.1	3.5	3.5
020-040	1.7	.9									2.6	3.3	2.0
050-070	.9										.9	4.0	4.0
(E) 080-100													
110-130	1.7										1.7	3.0	3.0
140-160	2.6										2.6	2.7	2.0
(S) 170-190	6.0	2.6									8.5	3.8	4.0
200-220	16.2	.9									17.1	2.5	2.0
230-250	2.6										2.6	2.0	2.0
(W) 260-280	.9										.9	1.0	1.0
290-310	.9										.9	3.0	3.0
320-340	8.5										8.5	1.9	2.0
VARIABLE													
CALM	////////////////////////////////////										48.7	////////////////////////////////	
TOTALS	46.3	5.3									100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 117

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	26.7	4.4										31.1	2.6	2.0
020-040	3.3											3.3	2.7	3.0
050-070														
(E) 080-100														
110-130														
140-160	1.1											1.1	1.0	1.0
(S) 170-190	1.1											1.1	2.0	2.0
200-220	4.4											4.4	1.5	1.0
230-250	1.1											1.1	2.0	2.0
(W) 260-280	1.1											1.1	2.0	2.0
290-310	1.1											1.1	1.0	1.0
320-340	11.1	1.1										12.2	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											43.3	////////////////////////////////	
TOTALS	51.0	5.5										100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	22.2	6.7										28.9	2.5	2.0
020-040	2.2											2.2	2.0	2.0
050-070														
(E) 080-100														
110-130														
140-160	1.1											1.1	4.0	4.0
(S) 170-190	3.3											3.3	1.7	2.0
200-220	3.3											3.3	1.7	1.0
230-250	3.3											3.3	2.0	2.0
(W) 260-280														
290-310														
320-340	14.4	1.1										15.6	2.7	2.5
VARIABLE														
CALM	////////////////////////////////////											42.2	////////	
TOTALS	49.8	7.8										100.0	1.4	2.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	21.1	4.4										25.6	3.0	2.0
020-040	3.3	1.1										4.4	2.8	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.3											3.3	2.3	2.0
200-220	2.2											2.2	1.5	1.5
230-250														
(W) 260-280														
290-310														
320-340	17.8											17.8	1.9	2.0
VARIABLE														
CALM	////////////////////////////////////											46.7	////////////////////////////////	
TOTALS	47.7	5.5										100.0	1.3	2.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	15.0	11.7										26.7	4.6	4.0
020-040	5.0	3.3										8.3	3.0	2.0
050-070	6.7	1.7										8.3	2.8	2.0
(E) 080-100														
110-130														
140-160	1.7											1.7	1.0	1.0
(S) 170-190	5.0	6.7										11.7	4.7	5.0
200-220	11.7											11.7	2.9	3.0
230-250	5.0											5.0	2.7	3.0
(W) 260-280														
290-310														
320-340	10.0											10.0	1.8	1.5
VARIABLE	1.7											1.7	1.0	1.0
CALM	////////////////////////////////////											15.0	////////	
TOTALS	61.8	23.4										100.0	2.9	3.0

TOTAL NUMBER OF OBSERVATIONS 60

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL &	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.9	8.9	2.2									20.0	5.1	5.5
020-040	2.2	2.2										4.4	4.8	4.5
050-070		3.3										3.3	6.7	6.0
(E) 080-100	1.1	1.1										2.2	3.5	3.5
110-130	1.1	1.1										2.2	3.5	3.5
140-160	4.4											4.4	2.3	2.0
(S) 170-190	6.7	2.2	1.1									10.0	4.6	3.0
200-220	10.0	5.6	1.1									16.7	4.5	4.0
230-250	4.4	3.3										7.8	4.3	4.0
(W) 260-280	3.3	1.1										4.4	2.5	1.5
290-310	2.2	1.1	2.2									5.6	6.2	6.0
320-340	5.6	3.3										8.9	3.8	3.0
VARIABLE	4.4	1.1										5.6	2.2	1.0
CALM	////////////////////////////////////											4.4	////////////////////////////////	
TOTALS	54.3	34.3	6.6									100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	7.8	8.9	2.2									18.9	5.8	5.0
020-040	2.2	4.4										6.7	4.7	5.0
050-070	4.4											4.4	1.8	1.0
(E) 080-100														
110-130		1.1										1.1	5.0	5.0
140-160	4.4											4.4	2.8	2.5
(S) 170-190	4.4	2.2										6.7	4.0	3.0
200-220	5.6	3.3	3.3									12.2	5.8	5.0
230-250	8.9	4.4										13.3	3.8	4.0
(W) 260-280	4.4	1.1										5.6	3.2	3.0
290-310	8.9	2.2										11.1	3.3	3.5
320-340	7.8	3.3										11.1	3.7	3.0
VARIABLE	1.1											1.1	2.0	2.0
CALM	////////////////////////////////////											3.3	////////	
TOTALS	59.9	30.9	5.5									100.0	4.1	4.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	27.8	1.1			1.1							30.0	3.1	2.0
020-040	5.6	1.1			1.1							7.8	5.3	2.0
050-070														
(E) 080-100	2.2											2.2	2.0	2.0
110-130														
140-160	1.1											1.1	3.0	3.0
(S) 170-190	1.1	3.3										4.4	5.8	7.0
200-220	4.4											4.4	2.3	2.0
230-250	4.4											4.4	2.5	3.0
(W) 260-280	2.2											2.2	1.5	1.5
290-310		1.1										1.1	7.0	7.0
320-340	20.0	2.2										22.2	2.7	2.0
VARIABLE														
CALM	////////////////////////////////////											20.0	////////	
TOTALS	68.8	8.8			2.2							100.0	2.6	2.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	37.8	1.1										38.9	2.3	2.0
020-040	3.3	1.1										4.4	3.5	2.5
050-070	2.2											2.2	1.5	1.5
(E) 080-100														
110-130														
140-160														
(S) 170-190		1.1										1.1	7.0	7.0
200-220	4.4	1.1										5.6	2.6	2.0
230-250														
(W) 260-280														
290-310														
320-340	10.0											10.0	2.4	2.0
VARIABLE														
CALM	////////////////////////////////////											37.8	////////////////////////////////	
TOTALS	57.7	4.4										100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	21.2	5.7	.6		.1							27.5	3.3	2.0
020-040	3.3	1.6			.1							5.1	3.9	3.0
050-070	1.4	.6										2.0	3.1	2.0
(E) 080-100	.4	.1										.6	2.8	2.0
110-130	.1	.3										.4	4.0	5.0
140-160	1.7											1.7	2.4	2.0
(S) 170-190	3.0	1.7	.1									4.9	4.2	3.0
200-220	5.5	1.3	.6									7.4	3.7	3.0
230-250	3.3	1.0										4.3	3.4	3.0
(W) 260-280	1.4	.3										1.7	2.6	2.0
290-310	1.6	.6	.3									2.5	4.2	4.0
320-340	12.2	1.4										13.6	2.7	2.0
VARIABLE	.9	.1										1.0	2.0	1.0
CALM	////////////////////////////////////											27.1	////////////////////////////////	
TOTALS	56.0	14.7	1.6		.2							100.0	2.4	2.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

		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		7.4	16.0	3.7		1.2							28.4	6.4	6.0
020-040															
050-070															
(E) 080-100															
110-130															
140-160		1.2											1.2	4.0	4.0
(S) 170-190		4.9	3.7										8.6	4.0	2.0
200-220		4.9											4.9	1.8	1.5
230-250		1.2											1.2	2.0	2.0
(W) 260-280															
290-310															
320-340		6.2											6.2	2.4	2.0
VARIABLE															
CALM		////////////////////////////////////											49.4	////////////////////////////////	
TOTALS		25.8	19.7	3.7		1.2							100.0	2.5	4.0

TOTAL NUMBER OF OBSERVATIONS 81

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	21.5											21.5	2.4	2.0
020-040	5.4											5.4	1.8	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	6.5											6.5	1.2	1.0
200-220	4.3											4.3	2.0	2.0
230-250	1.1											1.1	2.0	2.0
(W) 260-280														
290-310														
320-340	4.3											4.3	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											57.0	////////	
TOTALS	43.1											100.0	.9	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	20.4											20.4	2.0	2.0
020-040	7.5											7.5	1.6	2.0
050-070														
(E) 080-100														
110-130	2.2											2.2	1.0	1.0
140-160	1.1											1.1	3.0	3.0
(S) 170-190	12.9											12.9	2.3	2.0
200-220	8.6											8.6	2.1	2.0
230-250														
(W) 260-280														
290-310	2.2											2.2	3.0	3.0
320-340	8.6	1.1										9.7	3.3	4.0
VARIABLE														
CALM	////////////////////											35.5	////////	
TOTALS	63.5	1.1										100.0	1.4	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	16.1	3.2										19.4	2.6	2.0
020-040	2.2											2.2	1.0	1.0
050-070	2.2											2.2	1.5	1.5
(E) 080-100														
110-130														
140-160	1.1											1.1	2.0	2.0
(S) 170-190	11.8	1.1										12.9	2.9	3.0
200-220	4.3	1.1										5.4	2.2	1.0
230-250	1.1	1.1										2.2	3.5	3.5
(W) 260-280														
290-310														
320-340	12.9	2.2										15.1	3.4	3.0
VARIABLE														
CALM	////////////////////////////////////											39.8	////////////////////////////////	
TOTALS	51.7	8.7										100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.1	14.5	1.6									24.2	5.7	6.0
020-040	1.6	3.2										4.8	6.3	7.0
050-070		3.2										3.2	5.5	5.5
(E) 080-100														
110-130														
140-160	1.6											1.6	2.0	2.0
(S) 170-190	17.7	4.8										22.6	3.6	3.5
200-220	11.3	6.5										17.7	3.6	3.0
230-250	1.6											1.6	4.0	4.0
(W) 260-280														
290-310	3.2											3.2	3.0	3.0
320-340	1.6	3.2										4.8	6.7	8.0
VARIABLE														
CALM	////////////////////////////////////											16.1	////////	
TOTALS	46.7	35.4	1.6									100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	8.6	8.6	2.2									19.4	5.7	5.5
020-040	1.1	4.3										5.4	6.0	6.0
050-070	1.1	1.1										2.2	3.0	3.0
(E) 080-100														
110-130														
140-160	3.2											3.2	3.0	3.0
(S) 170-190	11.8	4.3										16.1	3.7	4.0
200-220	12.9	6.5	1.1									20.4	4.0	3.0
230-250	1.1	3.2										4.3	5.3	5.5
(W) 260-280	1.1	1.1	1.1									3.2	7.0	8.0
290-310	2.2	1.1	3.2									6.5	7.5	8.0
320-340	5.4	3.2		1.1								9.7	6.1	4.0
VARIABLE														
CALM	////////////////////////////////////											9.7	////////////////////////////////	
TOTALS	48.5	33.4	7.6	1.1								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		6.5										6.5	5.3	5.0
020-040	3.2	2.2										5.4	3.6	2.0
050-070	1.1	1.1										2.2	4.5	4.5
(E) 080-100	1.1	1.1										2.2	5.0	5.0
110-130														
140-160	1.1											1.1	2.0	2.0
(S) 170-190	2.2	1.1	1.1									4.3	6.0	4.5
200-220	7.5	11.8										19.4	4.9	5.0
230-250	6.5	8.6										15.1	4.8	5.0
(W) 260-280	8.6											8.6	2.6	2.5
290-310	4.3	6.5	2.2									12.9	5.8	5.5
320-340	4.3	6.5	1.1									11.8	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											10.8	////////	
TOTALS	39.9	45.4	4.4									100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	15.1	1.1										16.1	2.2	2.0
020-040	11.8											11.8	1.5	2.0
050-070	4.3											4.3	2.0	2.0
(E) 080-100		2.2										2.2	6.0	6.0
110-130														
140-160	1.1											1.1	2.0	2.0
(S) 170-190	2.2											2.2	3.0	3.0
200-220	1.1	1.1										2.2	4.5	4.5
230-250	4.3											4.3	2.3	2.5
(W) 260-280	1.1											1.1	3.0	3.0
290-310	3.2											3.2	3.3	3.0
320-340	10.8	4.3	1.1									16.1	4.3	3.0
VARIABLE														
CALM	////////////////////////////////////											35.5	////////	
TOTALS	55.0	8.7	1.1									100.0	1.9	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	29.0	4.3										33.3	2.6	2.0
020-040	10.8											10.8	2.2	2.0
050-070	5.4											5.4	2.4	2.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	2.2											2.2	1.0	1.0
200-220	1.1											1.1	4.0	4.0
230-250														
(W) 260-280														
290-310														
320-340	4.3	1.1										5.4	3.0	3.0
VARIABLE														
CALM	////////////////////											41.9	////////	
TOTALS	52.8	5.4										100.0	1.5	2.0

TOTAL NUMBER OF OBSERVATIONS 93

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASFY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	15.1	4.3	.4									19.9	3.3	2.0
020-040	5.6	1.1										6.7	2.7	2.0
050-070	1.8	.6										2.4	2.9	2.0
(E) 080-100	.1	.4										.6	5.5	5.5
110-130	.3											.3	1.0	1.0
140-160	1.1											1.1	2.5	2.0
(S) 170-190	8.0	1.3	.1									9.4	3.1	3.0
200-220	6.2	3.2	.1									9.5	3.7	3.0
230-250	2.0	1.7										3.6	4.2	4.0
(W) 260-280	1.4	.1	.1									1.7	3.8	3.0
290-310	1.8	1.0	.7									3.5	5.4	4.0
320-340	6.7	2.7	.3	.1								9.8	4.3	4.0
VARIABLE														
CALM	////////////////////////////////////											31.4	////////////////////////////////	
TOTALS	50.1	16.4	1.7	.1								100.0	2.4	3.0
TOTAL NUMBER OF OBSERVATIONS 713														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

		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	11.4											11.4	1.8	2.0	
	020-040	3.4											3.4	2.0	2.0	
	050-070															
(E)	080-100															
	110-130															
	140-160	3.4											3.4	2.3	2.0	
(S)	170-190	17.0	1.1										18.2	2.9	3.0	
	200-220	6.8											6.8	2.2	2.0	
	230-250	1.1											1.1	4.0	4.0	
(W)	260-280															
	290-310	2.3	1.1										3.4	3.7	4.0	
	320-340	3.4											3.4	3.3	3.0	
VARIABLE																
CALM		////////////////////////////////////											48.9	////////////////////////////////		
TOTALS		48.8	2.2										100.0	1.3	2.0	

TOTAL NUMBER OF OBSERVATIONS 88

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	20.2	8.3										28.6	3.6	3.0
020-040	2.4											2.4	1.5	1.5
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.6											3.6	1.0	1.0
200-220	4.8	1.2										6.0	2.6	2.0
230-250														
(W) 260-280		3.6										3.6	5.3	5.0
290-310	3.6	1.2										4.8	3.3	2.5
320-340	9.5											9.5	2.9	3.0
VARIABLE														
CALM	////////////////////////////////////											41.7	////////	
TOTALS	44.1	14.3										100.0	1.9	3.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	16.7	11.9	2.4									31.0	4.1	3.5
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.6											3.6	2.0	2.0
200-220	6.0	2.4										8.3	2.6	2.0
230-250														
(W) 260-280	3.6											3.6	2.7	2.0
290-310														
320-340	13.1											13.1	2.6	3.0
VARIABLE														
CALM	////////////////////////////////////											40.5	////////	
TOTALS	43.0	14.3	2.4									100.0	2.0	2.5
TOTAL NUMBER OF OBSERVATIONS 84														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	14.3	3.6	2.4									20.2	4.1	3.0
020-040	1.2											1.2	2.0	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	6.0	2.4										8.3	2.9	3.0
200-220	8.3											8.3	1.9	2.0
230-250	2.4											2.4	2.0	2.0
(W) 260-280	1.2											1.2	4.0	4.0
290-310	3.6											3.6	2.3	2.0
320-340	7.1	2.4	1.2									10.7	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											44.0	////////	
TOTALS	44.1	8.4	3.6									100.0	1.8	2.0
TOTAL NUMBER OF OBSERVATIONS 84														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	10.7	14.3										25.0	4.3	5.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	17.9	3.6										21.4	3.0	3.0
200-220	8.9	1.8										10.7	2.7	2.0
230-250	5.4											5.4	2.7	3.0
(W) 260-280														
290-310	1.8	5.4										7.1	5.3	5.0
320-340	8.9	1.8										10.7	3.3	3.0
VARIABLE		1.8	1.8									3.6	10.0	10.0
CALM	////////////////////////////////////											16.1	////////	
TOTALS	53.6	28.7	1.8									100.0	3.2	3.0
TOTAL NUMBER OF OBSERVATIONS 56														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	16.7	13.1	2.4									32.1	4.6	4.0
020-040														
050-070														
(E) 080-100														
110-130	2.4											2.4	3.5	3.5
140-160	1.2	1.2										2.4	5.0	5.0
(S) 170-190	9.5											9.5	2.6	2.5
200-220	4.8	2.4										7.1	4.0	3.5
230-250	3.6	4.8										8.3	4.6	6.0
(W) 260-280	3.6											3.6	4.0	4.0
290-310	7.1	3.6										10.7	3.8	3.0
320-340	1.2	7.1										8.3	5.6	6.0
VARIABLE	1.2	2.4										3.6	7.0	8.0
CALM	////////////////////////////////////											11.9	////////	
TOTALS	51.3	34.6	2.4									100.0	3.8	4.0
TOTAL NUMBER OF OBSERVATIONS 84														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.5	6.0										15.5	4.0	4.0
020-040		1.2										1.2	5.0	5.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.6											3.6	1.7	1.0
200-220	2.4	8.3										10.7	5.7	6.0
230-250	8.3	3.6										11.9	3.6	3.5
(W) 260-280	6.0											6.0	2.2	2.0
290-310	8.3	6.0										14.3	4.1	4.0
320-340	10.7	6.0										16.7	3.8	3.0
VARIABLE		3.6										3.6	7.7	8.0
CALM	////////////////////////////////////											16.7	////////	
TOTALS	48.8	34.7										100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	13.1	1.2										14.3	2.9	2.0
020-040	6.0											6.0	2.0	2.0
050-070														
(E) 080-100														
110-130	1.2											1.2	4.0	4.0
140-160														
(S) 170-190	1.2											1.2	1.0	1.0
200-220	4.8											4.8	1.5	1.5
230-250	2.4	1.2										3.6	3.0	2.0
(W) 260-280	3.6	1.2										4.8	3.0	3.0
290-310	4.8											4.8	3.3	3.5
320-340	4.8	4.8										9.5	4.0	4.5
VARIABLE		2.4										2.4	8.5	8.5
CALM	////////////////////////////////////											47.6	////////////////////////////////	
TOTALS	41.9	10.8										100.0	1.7	2.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

		WIND SPEED IN KNOTS													
DIRECTION (DEGREES)		1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010		14.3	6.0										20.2	3.4	2.0
020-040		6.0											6.0	1.4	1.0
050-070		1.2											1.2	2.0	2.0
(E) 080-100															
110-130															
140-160		2.4											2.4	2.5	2.5
(S) 170-190															
200-220															
230-250		2.4											2.4	2.0	2.0
(W) 260-280		2.4	1.2										3.6	3.3	3.0
290-310		3.6	1.2										4.8	3.0	2.0
320-340		4.8											4.8	2.8	2.5
VARIABLE															
CALM		////////////////////////////////////											54.8	////////////////////////////////	
TOTALS		37.1	8.4										100.0	1.3	2.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	14.6	7.8	.9									23.3	3.9	4.0
020-040	2.0	.2										2.2	1.9	2.0
050-070	.2											.2	2.0	2.0
(E) 080-100														
110-130	.5											.5	3.7	4.0
140-160	.5	.2										.6	3.8	2.5
(S) 170-190	5.1	.6										5.7	2.5	2.0
200-220	4.8	2.0										6.8	3.2	2.0
230-250	3.0	1.2										4.2	3.4	3.0
(W) 260-280	2.6	.8										3.4	3.3	4.0
290-310	4.2	2.0										6.2	3.7	3.0
320-340	7.5	2.8	.2									10.4	3.6	3.0
VARIABLE	.2	1.2	.2									1.6	8.1	8.0
CALM	////////////////////////////////////											34.9	////////////////////////////////	
TOTALS	45.2	18.8	1.3									100.0	2.4	3.0

TOTAL NUMBER OF OBSERVATIONS 644

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	16.8	6.3	2.1									25.3	3.9	3.5
	020-040		1.1										1.1	5.0	5.0
	050-070														
(E)	080-100														
	110-130														
	140-160														
(S)	170-190	9.5	1.1										10.5	2.1	2.0
	200-220	12.6											12.6	1.6	2.0
	230-250														
(W)	260-280	1.1											1.1	4.0	4.0
	290-310														
	320-340	3.2											3.2	2.7	2.0
VARIABLE															
	CALM	////////////////////////////////////										46.3	////////////////////////////////		
	TOTALS	43.2	8.5	2.1									100.0	1.6	2.0

TOTAL NUMBER OF OBSERVATIONS 95

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471065 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	12.4											12.4	2.3	2.0
020-040	3.4											3.4	2.0	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	3.4											3.4	1.7	2.0
200-220	2.2	3.4										5.6	5.2	6.0
230-250														
(W) 260-280														
290-310	1.1											1.1	2.0	2.0
320-340	6.7	2.2										9.0	3.8	3.0
VARIABLE														
CALM	////////////////////////////////////											65.2	////////	
TOTALS	29.2	5.6										100.0	1.1	2.0
TOTAL NUMBER OF OBSERVATIONS 89														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	12.2	1.1										13.3	2.2	2.0
020-040	6.7											6.7	1.5	1.5
050-070														
(E) 080-100														
110-130														
140-160	1.1											1.1	3.0	3.0
(S) 170-190	3.3											3.3	1.7	1.0
200-220	6.7	1.1										7.8	2.3	2.0
230-250														
(W) 260-280		1.1										1.1	5.0	5.0
290-310	1.1											1.1	4.0	4.0
320-340	6.7	3.3										10.0	4.2	3.0
VARIABLE														
CALM	////////////////////////////////////											55.6	////////	
TOTALS	37.8	6.6										100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.1	3.3										14.4	2.9	3.0
020-040														
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	7.8	1.1										8.9	2.6	2.0
200-220	1.1											1.1	3.0	3.0
230-250		1.1										1.1	5.0	5.0
(W) 260-280	2.2	1.1										3.3	4.0	3.0
290-310	1.1											1.1	1.0	1.0
320-340	15.6	1.1										16.7	2.5	2.0
VARIABLE														
CALM	////////////////////////////////////											53.3	////////////////////////////////	
TOTALS	38.9	7.7										100.0	1.3	2.5

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	6.7	5.0	1.7									13.3	5.0	4.5
020-040	1.7											1.7	4.0	4.0
050-070														
(E) 080-100														
110-130														
140-160	1.7											1.7	4.0	4.0
(S) 170-190	18.3											18.3	2.1	2.0
200-220	6.7	1.7										8.3	3.2	3.0
230-250														
(W) 260-280														
290-310	1.7	3.3										5.0	5.7	5.0
320-340	6.7	3.3										10.0	4.0	3.0
VARIABLE	1.7											1.7	8.0	8.0
CALM	////////////////////////////////////											40.0	////////	
TOTALS	43.5	15.0	1.7									100.0	2.3	3.0
TOTAL NUMBER OF OBSERVATIONS 60														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	15.6	10.0										25.6	3.7	4.0
020-040														
050-070														
(E) 080-100	1.1											1.1	2.0	2.0
110-130														
140-160		1.1										1.1	6.0	6.0
(S) 170-190	10.0	3.3	1.1									14.4	4.5	4.0
200-220	14.4	2.2										16.7	3.3	3.0
230-250														
(W) 260-280	1.1											1.1	3.0	3.0
290-310	4.4	1.1										5.6	4.0	4.0
320-340	13.3	4.4	1.1									18.9	3.9	3.0
VARIABLE														
CALM	////////////////////////////////////											15.6	////////////////////////////////	
TOTALS	59.9	22.1	2.2									100.0	3.2	3.5
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

WIND SPEED IN KNOTS														
DIRECTION (DEGREES)	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
(N) 350-010	12.2	4.4										16.7	3.7	3.0
020-040	1.1											1.1	2.0	2.0
050-070														
(E) 080-100														
110-130														
140-160	1.1											1.1	1.0	1.0
(S) 170-190	1.1											1.1	4.0	4.0
200-220	10.0	5.6										15.6	3.6	3.5
230-250	8.9	5.6										14.4	3.8	4.0
(W) 260-280	4.4											4.4	1.8	1.5
290-310	6.7	6.7										13.3	3.9	4.5
320-340	8.9	3.3										12.2	3.5	3.0
VARIABLE	3.3											3.3	8.0	8.0
CALM	////////////////////////////////////											16.7	////////	
TOTALS	54.4	28.9										100.0	3.1	3.0
TOTAL NUMBER OF OBSERVATIONS 90														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	11.6	1.2										12.8	2.5	2.0
020-040	3.5											3.5	1.7	2.0
050-070														
(E) 080-100														
110-130														
140-160														
(S) 170-190	1.2	1.2										2.3	3.0	3.0
200-220	5.8	2.3										8.1	3.3	3.0
230-250	3.5	1.2										4.7	2.8	2.0
(W) 260-280	2.3											2.3	1.5	1.5
290-310	5.8											5.8	2.8	2.0
320-340	8.1											8.1	2.3	2.0
VARIABLE														
CALM	////////////////////////////////////											52.3	////////	
TOTALS	41.8	5.9										100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 86

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	16.7											16.7	1.8	2.0
020-040	10.7											10.7	1.6	2.0
050-070	1.2											1.2	1.0	1.0
(E) 080-100														
110-130														
140-160														
(S) 170-190	4.8											4.8	2.3	2.0
200-220	1.2	2.4										3.6	5.0	5.0
230-250	3.6											3.6	2.3	2.0
(W) 260-280	1.2											1.2	3.0	3.0
290-310														
320-340	6.0											6.0	3.0	4.0
VARIABLE														
CALM	////////////////////////////////////											52.4	////////	
TOTALS	45.4	2.4										100.0	1.1	2.0
TOTAL NUMBER OF OBSERVATIONS 24														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	12.5	3.1	.1									15.8	3.0	3.0
020-040	3.4											3.4	1.7	2.0
050-070	.1											.1	1.0	1.0
(E) 080-100	.1											.1	2.0	2.0
110-130														
140-160	.4	.1										.6	3.5	3.5
(S) 170-190	5.7	.7	.1									6.6	2.9	2.0
200-220	6.0	2.4										8.4	3.5	3.0
230-250	2.1	1.0										3.1	3.5	3.0
(W) 260-280	1.5	.3										1.8	2.8	2.5
290-310	2.8	1.3										4.1	3.8	4.0
320-340	9.1	2.2	.1									11.5	3.4	3.0
VARIABLE	.6											.6	8.0	8.0
CALM	////////////////////											43.9	////////	////////
TOTALS	43.7	11.7	.3									100.0	1.8	3.0

TOTAL NUMBER OF OBSERVATIONS 679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

AND/OR

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.4	0.4										12.8	2.8	3.0
020-040	2.7											2.7	1.5	1.5
050-070	.7											.7	1.0	1.0
(E) 080-100														
110-130														
140-160	.7											.7	3.0	3.0
(S) 170-190	8.7	2.0	.7									11.4	3.6	3.0
200-220	3.4	.7										4.0	2.3	2.0
230-250	1.3											1.3	2.0	2.0
(W) 260-280														
290-310														
320-340	8.7											8.7	2.2	2.0
VARIABLE														
CALM	////////////////////////////////////											57.7	////////////////////////////////	
TOTALS	35.6	6.1	.7									100.0	1.2	2.0

TOTAL NUMBER OF OBSERVATIONS 149

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: ALL HOURS: ALL

		WIND SPEED IN KNOTS										TOTAL	MEAN	MEDIAN
DIRECTION	(DEGREES)	1-4	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	5.3	.7	.0	.0						18.4	3.8	3.0
020-040		4.3	1.4	.1	.0	.0						5.8	3.3	2.0
050-070		1.4	.5	.0								1.9	3.4	3.0
(E) 080-100		.4	.2	.0								.7	4.0	4.0
110-130		.5	.2									.7	3.2	2.5
140-160		1.0	.2	.0								1.2	3.2	3.0
(S) 170-190		4.5	1.5	.2								6.1	3.7	3.0
200-220		7.9	4.0	.7	.1	.0						12.7	4.3	4.0
230-250		3.2	1.8	.1	.0							5.1	3.9	4.0
(W) 260-280		1.8	.6	.0								2.4	3.4	3.0
290-310		2.2	.9	.1								3.2	3.7	3.0
320-340		7.2	1.7	.1	.0							9.0	3.3	3.0
VARIABLE		.1	.7	.3	.0							1.1	8.5	8.0
CALM		////////////////////////////////////										31.7	////////////////////////////////	
TOTALS		46.9	19.0	2.3	.1							100.0	2.6	3.0

TOTAL NUMBER OF OBSERVATIONS: 12237

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	9.4	5.5	.8		.1							15.8	4.3	4.0
020-040	1.9	.9										2.9	3.2	2.0
050-070	1.0	.1	.1									1.2	2.7	2.0
(E) 080-100	.3	.1										.4	3.4	2.5
110-130	.4	.1										.4	2.4	2.0
140-160	.8	.1										.8	2.6	2.0
(S) 170-190	7.3	1.9	.5									9.7	3.7	3.0
200-220	12.7	3.5	.5	.1								16.8	3.6	3.0
230-250	2.8	1.0	.1									3.8	3.3	3.0
(W) 260-280	.8	.2										1.0	3.0	3.0
290-310	1.1	.3										1.4	3.1	3.0
320-340	6.1	.6										6.7	2.6	2.0
VARIABLE														
CALM	////////////////////////////////////											39.1	////////////////////////////////	
TOTALS	44.6	14.3	2.0	.1	.1							100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS: 1957

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPPPP	AAAAAAAAA	RRRRRRRRR	TTTTTTTTTTT	DDDDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPPPP	AA AA	RRRRRRRRR	TT	DD DD
PPPPPPPPPP	AAAAAAAAA	RRRRRRRR	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 IN
COMPUTATION OF "GREATER THAN 1/2" PERCENTAGES. "TOTAL OBSCURATIONS,"
HOWEVER, ARE INCLUDED.

D - 1 - 3

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: JAN HOURS: 00-02

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
.....																	
NO CEIL																	
.....																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
.....																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
.....																	
GE 5000	36.9	39.1	53.6	53.6	63.7	63.7	70.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	36.9	39.1	55.3	55.3	65.4	65.4	72.1	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 4000	36.9	39.1	58.1	58.1	68.7	68.7	75.4	76.5	76.5	77.1	77.1	77.1	77.1	77.7	77.7	77.7	77.7
GE 3500	38.0	40.2	63.1	63.1	74.3	74.3	81.0	82.1	82.1	82.7	82.7	82.7	82.7	83.2	83.2	83.2	83.2
GE 3000	39.7	41.9	65.4	65.4	79.3	79.3	86.0	87.2	87.2	87.7	88.8	88.8	89.4	89.4	89.4	89.4	89.4
.....																	
GE 2500	39.7	41.9	65.9	65.9	80.4	80.4	88.8	89.9	91.6	92.2	93.3	93.3	93.9	93.9	93.9	93.9	93.9
GE 2000	39.7	41.9	65.9	65.9	81.6	81.6	89.9	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	96.6
GE 1800	39.7	41.9	65.9	65.9	81.6	81.6	89.9	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	96.6
GE 1500	39.7	41.9	65.9	65.9	81.6	81.6	89.9	91.1	92.7	93.3	95.5	95.5	96.6	96.6	96.6	96.6	96.6
GE 1200	39.7	41.9	67.0	67.0	82.7	82.7	91.1	92.2	93.3	94.4	96.6	96.6	97.8	97.8	97.8	97.8	97.8
.....																	
GE 1000	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	94.4	95.0	97.2	97.2	98.3	98.3	98.3	98.3	98.3
GE 900	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	94.4	95.0	97.2	97.2	98.3	98.3	98.3	98.3	98.3
GE 800	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	94.4	95.0	97.2	97.2	98.3	98.3	98.3	98.3	98.3
GE 700	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
GE 600	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
.....																	
GE 500	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
GE 400	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
GE 300	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
GE 200	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
GE 100	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
.....																	
GE 000	39.7	41.9	67.0	67.0	83.2	83.2	91.6	92.7	95.5	96.1	98.9	98.9	100.0	100.0	100.0	100.0	100.0
.....																	

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	33.3	33.3	47.8	47.8	64.4	64.4	70.0	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.9
GE 4500	33.3	33.3	48.9	48.9	65.6	65.6	71.1	73.9	74.4	74.4	74.4	74.4	74.4	74.4	74.4	75.0
GE 4000	33.3	33.3	50.0	50.0	66.7	66.7	72.2	75.0	75.6	75.6	75.6	75.6	75.6	75.6	75.6	76.1
GE 3500	33.3	33.3	55.6	55.6	72.2	72.2	77.8	80.6	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.7
GE 3000	33.3	33.3	57.2	57.2	76.1	75.1	81.7	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6
GE 2500	33.3	33.3	57.8	57.8	76.7	76.7	83.9	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.8
GE 2000	33.9	33.9	60.0	60.0	79.4	79.4	86.7	89.4	90.0	90.0	91.1	91.7	91.7	91.7	91.7	92.2
GE 1800	33.9	33.9	60.0	60.0	79.4	79.4	86.7	89.4	90.0	90.0	91.1	91.7	91.7	91.7	91.7	92.2
GE 1500	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.1	91.7	91.7	92.8	93.3	93.3	93.3	93.3	93.9
GE 1200	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.1	91.7	91.7	92.8	93.3	93.3	93.3	93.3	93.9
GE 1000	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	92.2	93.3	93.9	93.9	93.9	93.9	94.4
GE 900	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	92.2	93.3	93.9	93.9	93.9	93.9	94.4
GE 800	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	92.2	93.3	93.9	93.9	93.9	93.9	94.4
GE 700	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	92.2	95.0	95.6	95.6	95.6	95.6	96.1
GE 600	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	92.2	95.0	95.6	95.6	95.6	95.6	96.1
GE 500	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	93.3	96.1	96.7	96.7	96.7	96.7	97.2
GE 400	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	93.3	96.1	96.7	96.7	96.7	96.7	97.2
GE 300	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	93.3	96.1	96.7	96.7	96.7	96.7	97.2
GE 200	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	93.3	96.1	96.7	96.7	96.7	96.7	97.2
GE 100	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	93.3	96.1	96.7	96.7	97.2	97.2	98.3
GE 000	33.9	33.9	60.0	60.0	80.0	80.0	88.3	91.7	92.2	93.3	96.1	96.7	96.7	97.2	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 180

D - 2 - 2

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	24.4	25.0	43.9	43.9	60.0	61.1	63.3	65.6	67.2	67.8	68.3	68.3	68.9	68.9	68.9	68.9
GE 4500	24.4	25.0	43.9	43.9	60.0	61.1	63.3	65.6	67.2	67.8	68.3	68.3	68.9	68.9	68.9	68.9
GE 4000	24.4	25.0	43.9	43.9	60.0	61.1	63.9	66.1	67.8	68.3	68.9	68.9	69.4	69.4	69.4	69.4
GE 3500	25.6	26.1	46.7	46.7	65.0	66.1	68.9	71.1	72.8	73.3	73.9	73.9	74.4	74.4	74.4	74.4
GE 3000	25.6	26.1	48.3	48.3	69.4	71.1	74.4	76.7	78.9	79.4	80.6	80.6	81.7	81.7	81.7	81.7
GE 2500	25.6	26.1	48.3	48.3	71.1	72.8	76.1	78.3	80.6	81.1	82.2	82.2	83.3	83.3	83.3	83.3
GE 2000	25.6	26.1	49.4	49.4	72.8	74.4	77.8	80.0	82.2	82.8	85.0	86.1	87.2	87.2	87.2	87.2
GE 1800	25.6	26.1	49.4	49.4	72.8	74.4	77.8	80.0	82.2	82.8	85.0	86.1	87.2	87.2	87.2	87.2
GE 1500	25.6	26.1	49.4	49.4	72.8	74.4	77.8	81.1	83.3	83.9	86.7	87.8	88.9	88.9	88.9	88.9
GE 1200	25.6	26.1	49.4	49.4	72.8	74.4	78.3	81.7	83.9	84.4	87.2	88.3	89.4	89.4	89.4	89.4
GE 1000	25.6	26.1	49.4	49.4	73.3	75.0	78.9	82.8	85.0	86.1	88.9	90.0	91.1	91.1	91.1	91.1
GE 900	25.6	26.1	49.4	49.4	73.3	75.0	78.9	82.8	85.0	87.2	90.0	91.1	92.2	92.2	92.2	92.2
GE 800	25.6	26.1	49.4	49.4	73.3	75.0	78.9	82.8	85.0	87.2	90.6	91.7	92.8	92.8	92.8	92.8
GE 700	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	88.9	92.8	93.9	95.0	95.0	95.0	95.0
GE 600	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	88.9	92.8	93.9	95.0	95.0	95.0	95.0
GE 500	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	89.4	93.3	94.4	95.6	95.6	95.6	95.6
GE 400	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	89.4	93.3	94.4	95.6	95.6	95.6	95.6
GE 300	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	89.4	93.3	94.4	95.6	95.6	95.6	95.6
GE 200	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	89.4	93.3	94.4	95.6	95.6	95.6	95.6
GE 100	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	89.4	93.3	94.4	96.1	96.1	96.1	98.3
GE 000	25.6	26.1	49.4	49.4	73.3	75.0	78.9	83.9	86.1	89.4	93.3	94.4	96.1	96.1	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	21.7	22.5	39.2	39.2	55.0	58.3	61.7	65.0	65.8	66.7	66.7	66.7	67.5	67.5	68.3	68.3
GE 4500	21.7	22.5	40.8	40.8	56.7	60.0	63.3	66.7	67.5	68.3	68.3	68.3	69.2	69.2	70.0	70.0
GE 4000	22.5	23.3	41.7	41.7	57.5	60.8	64.2	67.5	68.3	69.2	69.2	69.2	70.0	70.0	70.8	70.8
GE 3500	22.5	23.3	41.7	41.7	57.5	60.8	64.2	67.5	68.3	69.2	69.2	69.2	70.0	70.0	70.8	70.8
GE 3000	25.8	26.7	46.7	46.7	65.0	68.3	72.5	75.8	78.3	79.2	79.2	79.2	81.7	81.7	82.5	82.5
GE 2500	25.8	26.7	46.7	46.7	65.0	68.3	72.5	75.8	78.3	79.2	79.2	79.2	81.7	81.7	82.5	82.5
GE 2000	25.8	26.7	46.7	46.7	66.7	70.0	74.2	78.3	80.8	81.7	81.7	81.7	84.2	84.2	85.0	85.0
GE 1800	25.8	26.7	46.7	46.7	66.7	70.0	74.2	78.3	80.8	81.7	81.7	81.7	84.2	84.2	85.0	85.0
GE 1500	25.8	26.7	46.7	46.7	68.3	71.7	78.3	82.5	85.0	85.8	85.8	85.8	88.3	88.3	89.2	89.2
GE 1200	25.8	26.7	46.7	46.7	69.2	72.5	80.0	85.0	87.5	88.3	88.3	88.3	90.8	90.8	91.7	91.7
GE 1000	25.8	26.7	46.7	46.7	70.0	74.2	82.5	87.5	90.0	90.8	91.7	91.7	95.0	95.8	96.7	96.7
GE 900	25.8	26.7	46.7	46.7	70.0	74.2	82.5	87.5	90.0	90.8	91.7	91.7	95.0	95.8	96.7	96.7
GE 800	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 700	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 600	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 500	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 400	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 300	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 200	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	97.5	98.3	98.3
GE 100	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	99.2	100.0	100.0
GE 000	25.8	26.7	46.7	46.7	70.0	74.2	82.5	89.2	91.7	92.5	93.3	93.3	96.7	99.2	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 120

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.1	31.1	55.0	55.0	62.8	63.3	63.9	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 4500	31.1	31.1	55.6	55.6	63.3	63.9	64.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4000	33.3	33.3	58.3	58.3	67.2	67.8	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 3500	34.4	34.4	60.6	60.6	69.4	70.0	70.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	37.2	37.2	63.9	63.9	76.1	77.2	79.4	80.6	81.1	81.1	81.1	81.1	81.7	81.7	81.7	81.7
GE 2500	37.2	37.2	63.9	63.9	77.8	78.9	81.1	82.2	82.8	82.8	82.8	82.8	83.3	83.3	83.3	83.3
GE 2000	37.8	37.8	64.4	64.4	78.3	79.4	81.7	82.8	83.3	83.3	83.9	83.9	84.4	84.4	84.4	84.4
GE 1800	37.8	37.8	64.4	64.4	78.9	80.6	82.8	83.9	84.4	84.4	85.0	85.0	85.6	85.6	85.6	85.6
GE 1500	38.3	38.3	65.6	65.6	80.6	84.1	87.2	88.3	88.9	88.9	90.6	90.6	91.1	91.1	91.1	91.1
GE 1200	38.3	38.3	65.6	65.6	80.6	85.0	88.3	89.4	90.0	90.0	91.7	91.7	92.2	92.2	92.2	92.2
GE 1000	38.3	38.3	65.6	65.6	80.6	85.0	88.3	89.4	90.6	90.6	95.6	95.6	97.2	97.2	97.2	97.2
GE 900	38.3	38.3	65.6	65.6	80.6	85.0	88.9	90.0	91.1	91.1	96.1	96.1	97.8	97.8	97.8	97.8
GE 800	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 700	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 600	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 500	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 400	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 300	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 200	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 100	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0
GE 000	38.3	38.3	65.6	65.6	80.6	85.0	89.4	90.6	93.3	93.3	98.3	98.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.3	46.1	55.6	55.6	61.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4500	43.3	46.1	55.6	55.6	61.7	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 4000	46.7	49.4	61.1	61.1	67.2	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	48.3	51.1	62.8	62.8	68.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	51.7	54.4	70.6	70.6	79.4	82.2	83.3	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	52.2	55.0	72.8	72.8	82.8	85.6	86.7	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	52.2	55.0	72.8	72.8	83.9	86.7	88.3	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	52.2	55.0	72.8	72.8	83.9	87.8	90.0	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6	90.6
GE 1500	52.2	55.0	73.3	73.3	85.0	89.4	91.7	92.2	92.2	92.2	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	52.2	55.0	73.3	73.3	85.6	90.6	92.8	93.3	93.3	93.3	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	52.2	55.0	73.3	73.3	85.6	91.1	93.3	93.9	93.9	93.9	97.2	97.8	97.8	97.8	97.8	97.8
GE 900	52.2	55.0	73.3	73.3	85.6	91.1	93.3	93.9	93.9	93.9	97.2	97.8	97.8	97.8	97.8	97.8
GE 800	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	94.4	94.4	97.8	98.3	98.3	98.3	98.3	98.3
GE 700	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	94.4	94.4	98.9	99.4	99.4	99.4	99.4	99.4
GE 600	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	94.4	94.4	98.9	99.4	99.4	99.4	99.4	99.4
GE 500	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	94.4	94.4	98.9	99.4	99.4	99.4	99.4	99.4
GE 400	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	94.4	94.4	98.9	99.4	99.4	99.4	99.4	99.4
GE 300	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	95.0	95.0	99.4	100.0	100.0	100.0	100.0	100.0
GE 200	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	95.0	95.0	99.4	100.0	100.0	100.0	100.0	100.0
GE 100	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	95.0	95.0	99.4	100.0	100.0	100.0	100.0	100.0
GE 000	52.2	55.0	73.3	73.3	85.6	91.1	93.3	94.4	95.0	95.0	99.4	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.9	45.0	57.2	57.2	67.8	68.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	43.9	45.0	57.2	57.2	67.8	68.9	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4000	45.0	46.1	60.0	60.0	71.1	72.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 3500	47.8	48.9	62.8	62.8	74.4	75.6	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 3000	47.8	48.9	63.3	63.3	78.3	80.0	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 2500	47.8	48.9	63.3	63.3	78.3	81.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	48.3	49.4	63.9	63.9	79.4	82.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	48.9	50.0	64.4	64.4	80.0	82.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	48.9	50.0	64.4	64.4	81.1	83.9	91.7	92.2	92.2	92.2	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	48.9	50.0	64.4	64.4	82.2	85.0	92.8	93.3	94.4	94.4	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	98.3	98.3	98.3	98.3
GE 600	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	98.3	98.3	98.3	98.3
GE 500	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	98.3	98.3	98.3	98.3
GE 400	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	100.0	100.0	100.0	100.0
GE 300	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	100.0	100.0	100.0	100.0
GE 200	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	100.0	100.0	100.0	100.0
GE 100	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	100.0	100.0	100.0	100.0
GE 000	48.9	50.0	64.4	64.4	82.2	85.0	93.9	94.4	95.6	95.6	96.7	98.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	38.3	40.0	51.1	51.1	61.7	61.7	64.4	66.1	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	38.3	40.0	52.2	52.2	62.8	62.8	65.6	67.2	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 4000	38.9	40.6	55.6	55.6	67.2	67.2	70.0	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	41.7	43.3	59.4	59.4	71.1	71.1	73.9	76.7	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	42.2	43.9	61.7	61.7	76.1	77.2	81.1	83.9	84.4	84.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 2500	42.2	43.9	62.8	62.8	77.2	78.3	84.4	87.2	87.8	87.8	89.4	89.4	89.4	89.4	89.4	89.4
GE 2000	42.2	43.9	63.3	63.3	78.3	80.0	86.1	89.4	90.0	90.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	42.2	43.9	63.3	63.3	78.3	80.0	87.2	90.6	91.1	91.1	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	42.2	43.9	63.9	63.9	78.9	80.6	87.8	91.1	91.7	91.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 1200	42.2	43.9	65.0	65.0	80.6	82.2	90.0	93.3	93.9	93.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	42.2	43.9	65.0	65.0	80.6	82.2	90.0	93.3	93.9	93.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 900	42.2	43.9	65.0	65.0	80.6	82.2	90.0	93.3	93.9	93.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 800	42.2	43.9	65.0	65.0	80.6	82.2	90.0	93.3	93.9	93.9	96.1	96.1	96.1	96.1	96.1	96.1
GE 700	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	97.8	98.3	98.3	98.3	98.3	98.3
GE 600	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	97.8	98.3	98.3	98.3	98.3	98.3
GE 500	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	97.8	98.3	98.3	98.3	98.3	98.3
GE 400	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	98.3	100.0	100.0	100.0	100.0	100.0
GE 300	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	98.3	100.0	100.0	100.0	100.0	100.0
GE 200	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	98.3	100.0	100.0	100.0	100.0	100.0
GE 100	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	98.3	100.0	100.0	100.0	100.0	100.0
GE 000	42.2	43.9	65.0	65.0	81.1	82.8	90.6	93.9	94.4	94.4	98.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.7	35.8	50.9	50.9	62.4	63.5	66.4	67.8	68.2	68.4	68.5	68.5	68.6	68.6	68.7	68.7
GE 4500	34.7	35.8	51.6	51.6	63.2	64.2	67.1	68.5	69.0	69.1	69.2	69.2	69.3	69.3	69.4	69.5
GE 4000	35.7	36.8	54.1	54.1	66.1	67.1	70.1	71.6	72.1	72.3	72.4	72.4	72.6	72.6	72.7	72.7
GE 3500	37.1	38.2	57.2	57.2	69.6	70.6	73.6	75.2	75.6	75.9	75.9	75.9	76.1	76.1	76.2	76.3
GE 3000	38.4	39.6	60.2	60.2	75.4	76.8	80.6	82.3	83.0	83.2	83.7	83.7	84.2	84.2	84.3	84.3
GE 2500	38.5	39.7	60.8	60.8	76.6	78.2	82.8	84.5	85.4	85.6	86.1	86.1	86.7	86.7	86.7	86.8
GE 2000	38.7	39.9	61.4	61.4	78.0	79.6	84.6	86.4	87.3	87.5	88.6	88.8	89.4	89.4	89.5	89.6
GE 1800	38.8	40.0	61.5	61.5	78.2	80.0	85.1	86.9	87.9	88.1	89.2	89.4	90.0	90.0	90.1	90.1
GE 1500	38.9	40.0	61.8	61.8	79.0	81.1	86.9	89.0	89.9	90.1	91.8	92.0	92.6	92.6	92.7	92.7
GE 1200	38.9	40.0	62.1	62.1	79.6	81.9	88.0	90.1	91.2	91.4	93.1	93.3	93.9	93.9	94.0	94.1
GE 1000	38.9	40.0	62.1	62.1	79.8	82.3	88.6	90.9	92.0	92.3	94.7	95.0	95.8	95.9	95.9	96.0
GE 900	38.9	40.0	62.1	62.1	79.8	82.3	88.7	90.9	92.1	92.5	94.9	95.2	96.0	96.1	96.2	96.2
GE 800	38.9	40.0	62.1	62.1	79.8	82.3	88.8	91.2	92.6	93.0	95.5	95.8	96.6	96.7	96.7	96.8
GE 700	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.5	96.6	97.2	98.0	98.0	98.1	98.2
GE 600	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.5	96.6	97.2	98.0	98.0	98.1	98.2
GE 500	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.7	96.8	97.4	98.2	98.3	98.3	98.4
GE 400	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.7	96.9	97.6	98.6	98.7	98.8	98.8
GE 300	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.8	97.0	97.7	98.7	98.8	98.8	98.9
GE 200	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.8	97.0	97.7	98.7	98.8	98.8	98.9
GE 100	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.8	97.0	97.7	98.8	99.1	99.1	99.6
GE 000	38.9	40.0	62.1	62.1	79.9	82.4	88.8	91.4	93.0	93.8	97.0	97.7	98.8	99.1	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 1379

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: FEB HOURS: 00-02

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	27.9	27.9	43.0	43.0	58.2	61.2	70.3	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4500	27.9	27.9	43.0	43.0	58.2	61.2	70.3	71.5	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 4000	29.1	29.1	46.1	46.1	63.0	66.7	75.8	77.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 3500	29.7	29.7	46.7	46.7	64.2	67.9	77.6	80.6	81.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4
GE 3000	32.7	32.7	49.7	49.7	70.9	74.5	85.5	89.7	90.9	90.9	91.5	91.5	91.5	91.5	91.5	91.5
GE 2500	32.7	32.7	49.7	49.7	70.9	74.5	85.5	89.7	90.9	90.9	91.5	91.5	91.5	91.5	91.5	91.5
GE 2000	32.7	32.7	49.7	49.7	71.5	75.8	87.3	91.5	92.7	93.9	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	32.7	32.7	49.7	49.7	71.5	75.8	87.3	91.5	92.7	93.9	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	32.7	32.7	49.7	49.7	71.5	75.8	87.9	92.1	93.9	95.2	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	32.7	32.7	49.7	49.7	72.1	76.4	88.5	92.7	94.5	95.8	97.0	97.0	97.0	97.0	97.0	97.0
GE 1000	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 900	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 800	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 600	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 500	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	32.7	32.7	49.7	49.7	72.1	77.0	89.1	93.3	95.2	97.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
20000																
18000																
16000																
14000																
12000																
10000																
9000																
8000																
7000																
6000																
5000	27.3	27.9	39.4	39.4	53.9	56.4	64.8	65.5	66.1	66.7	67.9	67.9	69.1	69.1	69.1	70.3
4500	27.3	27.9	39.4	39.4	53.9	56.4	64.8	65.5	66.1	66.7	67.9	67.9	69.1	69.1	69.1	70.3
4000	27.9	28.5	42.4	42.4	60.0	62.4	71.5	72.1	72.7	73.3	74.5	74.5	75.8	75.8	75.8	77.0
3500	28.5	29.1	43.0	43.0	62.4	64.8	73.9	74.5	75.2	76.4	79.4	79.4	80.6	80.6	80.6	82.4
3000	30.9	31.5	45.5	45.5	64.8	67.3	77.6	78.2	79.4	80.6	83.6	83.6	84.8	84.8	84.8	86.7
2500	30.9	31.5	45.5	45.5	64.8	67.3	77.6	78.2	79.4	80.6	83.6	84.8	86.1	86.1	86.1	87.9
2000	30.9	31.5	45.5	45.5	64.8	69.1	79.4	80.0	81.2	84.2	87.9	89.1	90.3	90.3	90.3	92.1
1800	30.9	31.5	45.5	45.5	64.8	69.1	80.0	81.8	83.0	86.1	89.7	90.9	92.1	92.1	92.1	93.9
1500	30.9	31.5	45.5	45.5	64.8	69.1	80.0	81.8	84.8	87.9	91.5	93.3	95.2	95.2	95.2	97.0
1200	30.9	31.5	45.5	45.5	64.8	69.1	80.0	81.8	84.8	87.9	91.5	93.3	95.2	95.2	95.2	97.0
1000	30.9	31.5	45.5	45.5	64.8	69.1	80.0	81.8	84.8	87.9	91.5	93.3	95.2	95.2	95.2	97.0
900	30.9	31.5	45.5	45.5	64.8	69.1	80.0	81.8	84.8	87.9	91.5	93.3	95.2	95.2	95.2	97.0
800	30.9	31.5	45.5	45.5	64.8	69.1	80.0	81.8	84.8	87.9	91.5	93.3	95.2	95.2	95.2	97.0
700	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	95.2	97.0	97.0	97.0	98.8
600	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	95.2	97.0	97.0	97.0	98.8
500	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	96.4	98.2	98.2	98.2	100.0
400	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	96.4	98.2	98.2	98.2	100.0
300	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	96.4	98.2	98.2	98.2	100.0
200	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	96.4	98.2	98.2	98.2	100.0
100	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	96.4	98.2	98.2	98.2	100.0
000	30.9	31.5	45.5	45.5	64.8	69.1	81.8	83.6	86.7	89.7	93.3	96.4	98.2	98.2	98.2	100.0

TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	22.3	22.3	34.3	34.3	53.6	57.8	59.6	63.3	63.9	63.9	66.3	66.3	66.9	66.9	66.9	68.1
GE 4500	22.9	22.9	34.9	34.9	54.2	58.4	60.2	63.9	64.5	64.5	66.9	66.9	67.5	67.5	67.5	68.7
GE 4000	22.9	22.9	36.1	36.1	55.4	59.6	62.0	66.3	68.1	68.1	70.5	70.5	71.1	71.1	71.1	72.3
GE 3500	22.9	22.9	37.3	37.3	58.4	63.9	66.3	70.5	72.9	72.9	75.3	75.9	76.5	76.5	77.1	78.3
GE 3000	24.7	24.7	39.8	39.8	60.8	66.3	68.7	72.9	75.3	75.3	79.5	80.1	80.7	80.7	81.3	82.5
GE 2500	24.7	24.7	39.8	39.8	61.4	66.9	69.3	73.5	75.9	75.9	80.7	81.3	82.5	82.5	83.1	84.3
GE 2000	24.7	24.7	39.8	39.8	62.0	68.7	71.7	75.9	78.9	79.5	85.5	86.1	87.3	87.3	88.0	89.2
GE 1800	24.7	24.7	39.8	39.8	62.0	68.7	71.7	75.9	78.9	79.5	85.5	86.1	87.3	87.3	88.0	89.2
GE 1500	24.7	24.7	39.8	39.8	62.0	68.7	71.7	75.9	78.9	79.5	85.7	88.0	89.8	89.8	90.4	91.6
GE 1200	24.7	24.7	39.8	39.8	62.0	68.7	71.7	75.9	78.9	79.5	86.7	88.0	90.4	90.4	91.0	92.2
GE 1000	24.7	25.3	40.4	40.4	62.7	69.9	73.5	77.7	80.7	81.3	88.6	89.8	92.2	92.2	93.4	94.6
GE 900	24.7	25.3	40.4	40.4	62.7	69.9	73.5	77.7	80.7	81.3	88.6	89.8	92.2	92.2	93.4	94.6
GE 800	24.7	25.3	40.4	40.4	62.7	69.9	73.5	77.7	80.7	81.3	88.6	89.8	92.2	92.2	93.4	94.6
GE 700	24.7	25.3	40.4	40.4	62.7	69.9	73.5	77.7	80.7	81.3	88.6	89.8	92.2	92.2	93.4	94.6
GE 600	24.7	25.3	40.4	40.4	62.7	69.9	73.5	77.7	80.7	81.3	88.6	89.8	92.2	92.2	93.4	94.6
GE 500	24.7	25.3	40.4	40.4	62.7	69.9	73.5	78.3	81.3	81.9	89.2	90.4	93.4	93.4	94.6	95.8
GE 400	24.7	25.3	40.4	40.4	62.7	69.9	73.5	78.3	81.3	81.9	89.8	91.6	94.6	94.6	96.4	97.6
GE 300	24.7	25.3	40.4	40.4	62.7	69.9	73.5	78.3	81.3	81.9	89.8	91.6	94.6	94.6	96.4	97.6
GE 200	24.7	25.3	40.4	40.4	62.7	69.9	73.5	78.3	81.3	81.9	89.8	91.6	94.6	94.6	96.4	98.8
GE 100	24.7	25.3	40.4	40.4	62.7	69.9	73.5	78.3	81.3	81.9	89.8	91.6	94.6	94.6	96.4	98.8
GE 000	24.7	25.3	40.4	40.4	62.7	69.9	73.5	78.3	81.3	81.9	89.8	91.6	94.6	94.6	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 166

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
FE 20000																
FE 18000																
FE 16000																
FE 14000																
FE 12000																
FE 10000																
FE 9000																
FE 8000																
FE 7000																
FE 6000																
FE 5000	19.6	21.4	36.6	36.6	54.5	57.1	61.6	62.5	64.3	65.2	66.1	66.1	67.0	67.0	67.0	67.9
FE 4500	19.6	21.4	36.6	36.6	54.5	57.1	61.6	62.5	64.3	65.2	66.1	66.1	67.0	67.0	67.0	67.9
FE 4000	21.4	23.2	39.3	39.3	58.9	62.5	67.0	68.8	71.4	72.3	73.2	73.2	74.1	74.1	74.1	75.0
FE 3500	21.4	23.2	39.3	39.3	59.8	63.4	67.9	70.5	73.2	75.0	76.8	76.8	77.7	77.7	77.7	78.6
FE 3000	23.2	25.0	44.6	44.6	67.9	72.3	76.8	80.4	83.0	84.8	87.5	87.5	88.4	88.4	88.4	89.3
FE 2500	23.2	25.0	44.6	44.6	67.9	73.2	77.7	81.3	83.9	85.7	88.4	88.4	89.3	89.3	89.3	90.2
FE 2000	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	92.9	92.9	92.9	93.8
FE 1800	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	92.9	92.9	92.9	93.8
FE 1500	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	92.9	92.9	92.9	93.8
FE 1200	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	92.9	92.9	92.9	93.8
FE 1000	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	92.9	92.9	92.9	93.8
FE 900	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	93.8	93.8	93.8	94.6
FE 800	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	93.8	93.8	93.8	94.6
FE 700	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	93.8	93.8	93.8	94.6
FE 600	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	90.2	90.2	93.8	93.8	93.8	94.6
FE 500	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	91.1	92.0	95.5	95.5	95.5	96.4
FE 400	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	91.1	92.0	96.4	96.4	96.4	97.3
FE 300	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	91.1	92.0	96.4	96.4	96.4	97.3
FE 200	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	91.1	92.0	96.4	96.4	96.4	98.2
FE 100	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	91.1	92.0	96.4	96.4	96.4	98.2
FE 000	23.2	25.0	44.6	44.6	69.6	75.0	79.5	83.0	85.7	87.5	91.1	92.0	96.4	96.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 112

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	29.8	29.8	57.1	57.1	71.4	72.0	72.5	72.6	73.2	73.8	74.4	74.4	74.4	74.4	74.4	74.4
GE 4500	31.5	31.5	58.9	58.9	73.2	73.8	74.4	74.4	75.0	75.6	76.2	76.2	76.2	76.2	76.2	76.2
GE 4000	33.9	33.9	63.1	63.1	77.4	78.0	78.6	78.6	79.2	79.8	80.4	80.4	80.4	80.4	80.4	80.4
GE 3500	33.9	33.9	63.7	63.7	79.2	79.8	80.4	80.4	81.0	81.5	82.1	82.1	82.1	82.1	82.1	82.1
GE 3000	35.7	35.7	70.2	70.2	87.5	88.1	88.7	90.5	91.1	91.7	92.3	92.3	92.3	92.3	92.3	92.3
GE 2500	35.7	35.7	70.2	70.2	87.5	88.1	88.7	90.5	91.1	91.7	92.3	92.3	92.3	92.3	92.3	92.3
GE 2000	35.7	35.7	70.2	70.2	89.3	89.9	91.1	92.9	93.5	94.0	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	35.7	35.7	70.2	70.2	89.3	89.9	91.1	92.9	93.5	94.0	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	96.4	97.0	97.6	97.6	97.6
GE 1200	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	96.4	97.0	97.6	97.6	97.6
GE 1000	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	96.4	97.0	97.6	97.6	97.6
GE 900	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	96.4	97.0	97.6	97.6	97.6
GE 800	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	97.0	97.6	98.2	98.2	98.2
GE 700	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	97.0	97.6	98.2	98.2	98.2
GE 600	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.2	96.4	97.0	97.6	98.2	98.2	98.2
GE 500	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.8	97.6	98.2	98.8	99.4	99.4	99.4
GE 400	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.8	97.6	98.2	98.8	100.0	100.0	100.0
GE 300	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.8	97.6	98.2	98.8	100.0	100.0	100.0
GE 200	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.8	97.6	98.2	98.8	100.0	100.0	100.0
GE 100	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.8	97.6	98.2	98.8	100.0	100.0	100.0
GE 000	35.7	35.7	70.2	70.2	90.5	91.1	92.3	94.0	94.6	95.8	97.6	98.2	98.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	38.7	39.3	67.9	67.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4500	40.5	41.1	69.6	69.6	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	42.9	43.5	73.2	73.2	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3500	42.9	43.5	73.2	73.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 3000	47.6	48.2	79.8	79.8	89.9	90.5	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	47.6	48.2	79.8	79.8	91.7	92.9	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	47.6	48.2	79.8	79.8	92.3	94.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	47.6	48.2	79.8	79.8	92.3	94.6	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	47.6	48.2	79.8	79.8	92.9	95.2	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	47.6	48.2	79.8	79.8	92.9	95.2	97.6	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	47.6	48.2	79.8	79.8	94.0	96.4	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 168

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.5	35.5	64.5	64.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 4500	36.7	36.7	65.7	65.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7	80.7
GE 4000	36.7	36.7	67.5	67.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	36.7	36.7	67.5	67.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
GE 3000	38.0	38.0	69.3	69.3	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 2500	38.0	38.0	69.3	69.3	91.6	91.6	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 2000	38.0	38.0	69.3	69.3	91.6	91.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	38.0	38.0	69.3	69.3	91.6	91.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	38.0	38.0	69.3	69.3	91.6	91.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	38.0	38.0	69.3	69.3	91.6	91.6	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1000	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	38.0	38.0	69.3	69.3	92.8	94.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 166

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	36.8	37.4	54.0	54.0	71.2	73.6	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4500	36.8	37.4	54.0	54.0	71.2	73.6	77.3	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	38.7	39.3	57.7	57.7	75.5	77.9	81.6	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 3500	38.7	39.3	57.7	57.7	75.5	77.9	82.2	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	38.7	39.3	60.1	60.1	82.2	85.3	90.2	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	38.7	39.3	60.1	60.1	84.0	87.1	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 2000	38.7	39.3	60.1	60.1	84.0	87.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1800	38.7	39.3	60.1	60.1	84.0	87.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	38.7	39.3	60.1	60.1	84.0	87.7	95.7	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	38.7	39.3	60.1	60.1	84.7	88.3	96.3	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 1000	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	38.7	39.3	60.1	60.1	84.7	89.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 163

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	30.2	30.6	50.2	50.2	64.7	66.6	70.1	70.9	71.4	71.6	72.3	72.3	72.6	72.6	72.6	73.0
GE 4500	30.9	31.3	50.9	50.9	65.4	67.3	70.8	71.5	72.1	72.3	73.0	73.0	73.3	73.3	73.3	73.7
GE 4000	32.1	32.5	53.8	53.8	69.3	71.3	74.9	76.0	76.7	77.0	77.6	77.6	77.9	77.9	77.9	78.3
GE 3500	32.3	32.7	54.2	54.2	70.6	72.8	76.6	77.9	78.8	79.2	80.2	80.3	80.6	80.6	80.7	81.1
GE 3000	34.4	34.8	58.0	58.0	77.1	79.5	83.7	85.5	86.5	86.9	88.2	88.3	88.6	88.6	88.7	89.2
GE 2500	34.4	34.8	58.0	58.0	77.9	80.5	85.2	87.0	87.9	88.3	89.7	89.9	90.3	90.3	90.4	90.9
GE 2000	34.4	34.8	58.0	58.0	78.6	81.9	87.6	89.5	90.5	91.4	93.1	93.3	93.9	93.9	94.0	94.4
GE 1800	34.4	34.8	58.0	58.0	78.6	81.9	87.7	89.7	90.7	91.6	93.3	93.6	94.1	94.1	94.2	94.7
GE 1500	34.4	34.8	58.0	58.0	78.8	82.1	88.0	90.0	91.4	92.2	94.2	94.6	95.4	95.4	95.5	96.0
GE 1200	34.4	34.8	58.0	58.0	78.9	82.2	88.1	90.3	91.6	92.5	94.4	94.8	95.7	95.8	95.8	96.3
GE 1000	34.4	34.9	58.1	58.1	79.3	83.0	89.3	91.5	92.9	94.0	95.9	96.3	97.2	97.3	97.4	97.9
GE 900	34.4	34.9	58.1	58.1	79.3	83.0	89.3	91.5	92.9	94.0	95.9	96.3	97.3	97.3	97.5	98.0
GE 800	34.4	34.9	58.1	58.1	79.3	83.0	89.3	91.5	92.9	94.0	95.9	96.4	97.3	97.4	97.6	98.0
GE 700	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.1	94.2	96.2	96.6	97.6	97.6	97.8	98.3
GE 600	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.1	94.2	96.2	96.6	97.6	97.6	97.8	98.3
GE 500	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.2	94.3	96.5	97.2	98.2	98.3	98.4	98.9
GE 400	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.2	94.3	96.7	97.5	98.6	98.7	99.0	99.5
GE 300	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.2	94.3	96.7	97.5	98.6	98.7	99.0	99.5
GE 200	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.2	94.3	96.7	97.5	98.6	98.7	99.0	99.7
GE 100	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.2	94.3	96.7	97.5	98.6	98.7	99.0	99.7
GE 000	34.4	34.9	58.1	58.1	79.3	83.0	89.6	91.8	93.2	94.3	96.7	97.5	98.6	98.7	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: MAR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.6	45.2	59.7	59.7	74.2	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.8
GE 4500	44.6	45.2	59.7	59.7	74.2	74.2	74.7	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.8
GE 4000	44.6	45.2	62.4	62.4	76.9	76.9	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.5
GE 3500	44.6	45.2	62.9	62.9	77.4	77.4	78.5	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.6
GE 3000	47.3	47.8	71.0	71.0	87.1	87.1	88.7	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.8
GE 2500	47.8	48.4	71.5	71.5	88.2	88.2	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.9
GE 2000	48.4	48.9	73.1	73.1	90.9	91.4	94.1	94.6	94.6	95.7	96.2	96.2	96.2	96.2	96.2	96.8
GE 1800	48.4	48.9	73.1	73.1	90.9	91.4	94.1	94.6	94.6	95.7	96.2	96.2	96.2	96.2	96.2	96.8
GE 1500	48.4	48.9	73.1	73.1	90.9	91.4	94.1	94.6	94.6	95.7	96.8	97.3	97.3	97.3	97.3	97.8
GE 1200	48.4	48.9	73.1	73.1	90.9	91.4	94.1	94.6	94.6	95.7	96.8	97.3	97.3	97.3	97.3	97.8
GE 1000	48.4	48.9	73.1	73.1	90.9	91.4	94.1	94.6	95.2	96.2	97.3	97.8	97.8	97.8	97.8	98.4
GE 900	48.4	48.9	73.1	73.1	90.9	91.4	94.1	94.6	95.2	96.2	97.3	97.8	97.8	97.8	97.8	98.4
GE 800	48.4	48.9	73.1	73.1	90.9	91.4	94.1	95.7	96.2	97.3	98.4	98.9	98.9	98.9	98.9	99.5
GE 700	48.4	48.9	73.1	73.1	90.9	91.4	94.1	95.7	96.2	97.3	98.4	98.9	98.9	98.9	98.9	99.5
GE 600	48.4	48.9	73.1	73.1	90.9	91.4	94.1	95.7	96.2	97.3	98.4	98.9	98.9	98.9	98.9	99.5
GE 500	48.4	48.9	73.1	73.1	90.9	91.4	94.1	95.7	96.2	97.3	98.4	98.9	98.9	98.9	98.9	99.5
GE 400	48.4	48.9	73.1	73.1	90.9	91.4	94.1	95.7	96.2	97.3	98.4	98.9	98.9	98.9	98.9	99.5
GE 300	48.4	48.9	73.1	73.1	90.9	91.4	94.6	96.2	96.8	97.8	98.9	99.5	99.5	99.5	99.5	100.0
GE 200	48.4	48.9	73.1	73.1	90.9	91.4	94.6	96.2	96.8	97.8	98.9	99.5	99.5	99.5	99.5	100.0
GE 100	48.4	48.9	73.1	73.1	90.9	91.4	94.6	96.2	96.8	97.8	98.9	99.5	99.5	99.5	99.5	100.0
GE 000	48.4	48.9	73.1	73.1	90.9	91.4	94.6	96.2	96.8	97.8	98.9	99.5	99.5	99.5	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHFVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: MAR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GF 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	27.4	28.5	51.6	51.6	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.6	65.6
GE 4500	27.4	28.5	51.6	51.6	64.5	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.6	65.6
GE 4000	27.4	28.5	54.3	54.3	68.3	68.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.9	69.9
GE 3500	29.0	30.1	56.5	56.5	70.4	70.4	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	72.0	72.0
GE 3000	33.3	34.4	64.5	64.5	79.0	79.0	81.7	82.8	82.8	82.8	83.3	83.3	83.3	83.3	83.9	83.9
GE 2500	33.3	34.4	64.5	64.5	80.1	80.1	83.3	84.4	86.0	86.0	86.6	86.6	86.6	86.6	87.1	87.1
GE 2000	33.9	34.9	66.7	66.7	83.9	84.4	87.6	88.7	90.3	90.3	90.9	90.9	90.9	90.9	91.4	91.4
GE 1800	33.9	34.9	66.7	66.7	84.9	85.5	88.7	89.8	91.4	91.4	91.9	91.9	91.9	91.9	92.5	92.5
GE 1500	33.9	34.9	66.7	66.7	84.9	85.5	88.7	89.8	91.4	91.4	91.9	91.9	91.9	91.9	92.5	92.5
GE 1200	33.9	34.9	66.7	66.7	84.9	86.6	89.8	90.9	92.5	92.5	93.0	93.0	93.0	93.0	93.5	93.5
GE 1000	33.9	34.9	66.7	66.7	84.9	86.6	89.8	91.4	94.1	94.1	94.6	94.6	94.6	94.6	95.2	95.2
GE 900	33.9	34.9	66.7	66.7	84.9	86.6	89.8	91.4	94.1	94.1	94.6	94.6	94.6	94.6	95.2	95.2
GE 800	33.9	34.9	66.7	66.7	84.9	86.6	89.8	91.4	94.1	94.1	94.6	94.6	94.6	94.6	95.2	95.2
GE 700	33.9	34.9	66.7	66.7	84.9	86.6	89.8	91.4	94.1	94.1	94.6	94.6	94.6	94.6	95.2	95.2
GE 600	33.9	34.9	66.7	66.7	84.9	86.6	89.8	91.4	94.1	94.1	94.6	94.6	94.6	94.6	95.2	95.2
GE 500	33.9	34.9	66.7	66.7	84.9	86.6	90.3	91.9	94.6	94.6	95.2	95.2	95.2	95.2	95.7	95.7
GE 400	33.9	34.9	66.7	66.7	84.9	86.6	90.3	91.9	95.2	95.2	95.7	95.7	95.7	95.7	96.2	96.2
GE 300	33.9	34.9	66.7	66.7	84.9	86.6	90.3	91.9	95.2	95.2	95.7	95.7	96.2	96.8	97.3	97.3
GE 200	33.9	34.9	66.7	66.7	84.9	86.6	90.3	91.9	95.2	95.2	95.7	95.7	96.2	96.8	97.3	97.3
GE 100	33.9	34.9	66.7	66.7	84.9	86.6	90.3	91.9	95.2	95.7	96.2	96.2	96.8	97.3	97.8	100.0
GE 000	33.9	34.9	66.7	66.7	84.9	86.6	90.3	91.9	95.2	95.7	96.2	96.2	96.8	97.3	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	15.6	16.7	36.0	36.0	55.4	56.5	61.3	66.1	66.1	66.1	66.1	67.2	67.7	67.7	67.7	67.7
GE 4500	15.6	16.7	36.0	36.0	55.4	56.5	61.3	66.1	66.1	66.1	66.1	67.2	67.7	67.7	67.7	67.7
GE 4000	15.6	16.7	36.0	36.0	57.0	58.1	62.9	67.7	67.7	67.7	67.7	68.8	69.4	69.4	69.4	69.4
GE 3500	16.1	17.2	37.6	37.6	58.6	60.2	65.6	70.4	70.4	70.4	70.4	71.5	72.0	72.0	72.0	72.0
GE 3000	17.7	18.8	40.3	40.3	65.6	67.2	74.2	79.6	79.6	79.6	80.1	81.2	81.7	81.7	81.7	81.7
GE 2500	18.3	20.4	41.9	41.9	67.2	68.8	76.9	82.8	84.4	84.4	84.9	86.0	86.6	86.6	86.6	86.6
GE 2000	18.3	20.4	42.5	42.5	69.9	71.5	79.6	85.5	87.1	87.1	87.6	88.7	89.2	89.2	89.2	89.2
GE 1800	18.3	20.4	42.5	42.5	70.4	72.0	80.1	86.0	87.6	87.6	88.7	90.3	90.9	90.9	90.9	90.9
GE 1500	18.3	20.4	42.5	42.5	70.4	72.0	80.1	86.0	87.6	87.6	88.7	90.3	90.9	90.9	90.9	90.9
GE 1200	18.3	20.4	43.0	43.0	71.0	74.2	82.3	88.2	89.8	89.8	90.9	92.5	93.0	93.0	93.0	93.0
GE 1000	18.3	20.4	43.0	43.0	71.0	74.2	82.3	88.2	89.8	89.8	90.9	92.5	93.0	93.0	93.0	93.0
GE 900	18.3	20.4	43.0	43.0	71.0	74.2	82.3	88.2	89.8	89.8	90.9	92.5	93.0	93.0	93.0	93.0
GE 800	18.3	20.4	43.0	43.0	71.0	74.2	82.3	88.2	89.8	89.8	90.9	92.5	93.0	93.0	93.0	93.0
GE 700	18.3	20.4	43.0	43.0	71.0	74.2	82.3	88.2	89.8	90.9	91.9	93.5	94.1	94.1	94.1	94.1
GE 600	18.3	20.4	43.0	43.0	71.0	74.2	82.3	88.2	89.8	90.9	91.9	93.5	94.1	94.1	94.1	94.1
GE 500	18.3	20.4	43.0	43.0	71.0	74.2	82.8	88.7	90.3	91.4	92.5	94.1	94.6	94.6	94.6	94.6
GE 400	18.3	20.4	43.0	43.0	71.0	74.2	82.8	88.7	91.4	92.5	93.5	95.2	96.2	96.2	96.2	96.2
GE 300	18.3	20.4	43.0	43.0	71.0	74.2	82.8	88.7	91.4	92.5	94.1	96.2	97.8	97.8	97.8	97.8
GE 200	18.3	20.4	43.0	43.0	71.0	74.2	82.8	88.7	91.4	92.5	94.1	96.2	97.8	97.8	97.8	97.8
GE 100	18.3	20.4	43.0	43.0	71.0	74.2	82.8	88.7	91.4	92.5	94.1	96.2	97.8	97.8	97.8	99.5
GE 000	18.3	20.4	43.0	43.0	71.0	74.2	82.8	88.7	91.4	92.5	94.1	96.2	97.8	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	20.2	20.2	37.9	37.9	61.3	62.9	66.1	66.9	67.7	67.7	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	20.2	20.2	37.9	37.9	62.1	63.7	66.9	67.7	68.5	68.5	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	20.2	20.2	39.5	39.5	64.5	66.1	69.4	70.2	71.0	71.0	72.6	72.6	72.6	72.6	72.6	72.6
GE 3500	20.2	20.2	40.3	40.3	67.7	70.2	73.4	74.2	75.0	75.0	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	20.2	20.2	41.9	41.9	77.4	82.3	86.3	87.9	88.7	88.7	90.3	90.3	90.3	90.3	90.3	90.3
GE 2500	21.8	21.8	43.5	43.5	79.0	83.9	87.9	90.3	91.1	91.1	92.7	92.7	92.7	92.7	92.7	92.7
GE 2000	21.8	21.8	43.5	43.5	80.6	85.5	89.5	91.9	92.7	92.7	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	21.8	21.8	43.5	43.5	80.6	85.5	89.5	91.9	92.7	92.7	94.4	94.4	94.4	95.2	95.2	95.2
GE 1500	21.8	21.8	43.5	43.5	80.6	86.3	90.3	93.5	94.4	94.4	96.0	96.0	96.0	96.8	96.8	96.8
GE 1200	21.8	21.8	43.5	43.5	80.6	86.3	90.3	93.5	94.4	94.4	96.0	96.0	96.0	96.8	96.8	96.8
GE 1000	21.8	21.8	43.5	43.5	80.6	86.3	90.3	93.5	94.4	94.4	96.0	96.0	96.0	96.8	96.8	96.8
GE 900	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	96.8	96.8	96.8	97.6	97.6	97.6
GE 800	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	98.4	99.2	99.2	99.2
GE 700	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	98.4	99.2	99.2	99.2
GE 600	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	98.4	99.2	99.2	99.2
GE 500	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	98.4	99.2	99.2	99.2
GE 400	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	98.4	99.2	99.2	99.2
GE 300	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	98.4	99.2	99.2	99.2
GE 200	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	99.2	100.0	100.0	100.0
GE 100	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	99.2	100.0	100.0	100.0
GE 000	21.8	21.8	43.5	43.5	80.6	86.3	90.3	94.4	95.2	95.2	97.6	97.6	99.2	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 124

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	33.3	34.4	52.2	52.2	61.8	72.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4500	33.3	34.4	52.2	52.2	61.8	62.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 4000	33.9	34.9	53.8	53.8	64.5	65.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 3500	35.5	36.6	57.5	57.5	71.5	72.0	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 3000	39.8	40.9	66.7	66.7	87.1	89.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	39.8	40.9	66.7	66.7	89.2	91.4	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	39.8	40.9	66.7	66.7	90.9	93.0	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	39.8	40.9	66.7	66.7	90.9	93.0	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	39.9	40.9	66.7	66.7	90.9	93.0	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.8	98.4	98.4
GE 1200	39.8	40.9	66.7	66.7	90.9	93.0	96.2	97.3	97.3	97.3	97.3	97.3	97.3	97.8	98.4	98.4
GE 1000	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	98.9	99.5	99.5
GE 900	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	98.9	99.5	99.5
GE 800	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 700	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 600	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 500	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 400	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.3	97.8	98.4	98.4	99.5	100.0	100.0
GE 300	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 200	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 100	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0
GE 000	39.8	40.9	66.7	66.7	90.9	93.0	96.8	97.8	97.8	97.8	97.8	98.4	98.4	99.5	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON RO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 19000																
GE 18000																
GE 17000																
GE 16000																
GE 15000																
GE 14000																
GE 13000																
GE 12000																
GE 11000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	46.2	46.2	64.0	64.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4500	46.2	46.2	64.0	64.0	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 4000	47.3	47.3	67.2	67.2	74.2	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 3500	49.5	49.5	70.4	70.4	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 3000	53.8	53.8	80.1	80.1	87.6	88.7	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	53.8	53.8	80.1	80.1	90.3	91.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	53.8	53.8	81.7	81.7	92.5	93.5	96.2	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	53.8	53.8	81.7	81.7	92.5	93.5	96.2	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	53.8	53.8	81.7	81.7	92.5	93.5	96.2	97.8	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	53.8	53.8	81.7	81.7	92.5	93.5	97.3	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.4	48.4	68.3	68.3	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	50.5	50.5	70.4	70.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 4000	51.1	51.1	72.0	72.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	53.2	53.2	76.9	76.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	54.8	54.8	82.3	82.3	88.7	90.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2500	54.8	54.8	82.3	82.3	88.7	90.3	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	54.8	54.8	83.9	83.9	91.4	94.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	54.8	54.8	83.9	83.9	91.4	94.6	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1600	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1400	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	54.8	54.8	83.9	83.9	91.4	95.2	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
TOTAL NUMBER OF OBSERVATIONS	186															

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	46.2	46.2	66.7	66.7	75.3	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	47.3	47.3	68.8	68.8	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4000	47.3	47.3	69.4	69.4	78.0	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	48.9	48.9	73.7	73.7	83.3	84.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	51.1	51.1	77.4	77.4	87.1	88.7	89.8	89.8	89.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2500	51.1	51.1	77.4	77.4	87.1	88.7	89.8	89.8	89.8	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 2000	51.1	51.1	80.6	80.6	91.4	93.5	94.6	94.6	94.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1800	51.1	51.1	80.6	80.6	91.4	93.5	94.6	94.6	94.6	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1500	51.1	51.1	80.6	80.6	92.5	94.6	96.8	96.8	96.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	51.1	51.1	80.6	80.6	92.5	94.6	96.8	96.8	96.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	51.1	51.1	80.6	80.6	92.5	94.6	96.8	96.8	96.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	51.1	51.1	80.6	80.6	92.5	94.6	96.8	96.8	96.8	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	51.1	51.1	80.6	80.6	92.5	94.6	96.8	97.3	97.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 186

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.9	36.4	55.3	55.3	66.9	67.3	68.5	69.3	69.4	69.4	69.5	69.6	69.7	69.7	69.8	69.8
GE 4500	36.3	36.8	55.8	55.8	67.5	68.0	69.1	69.9	70.0	70.0	70.1	70.3	70.3	70.3	70.4	70.5
GE 4000	36.6	37.1	57.6	57.6	70.5	71.0	72.2	73.0	73.1	73.1	73.2	73.4	73.4	73.4	73.5	73.6
GE 3500	37.9	38.4	60.3	60.3	74.0	74.8	76.3	77.1	77.1	77.1	77.3	77.4	77.5	77.5	77.6	77.6
GE 3000	40.6	41.1	66.5	66.5	82.7	84.2	87.1	88.1	88.2	88.4	88.7	88.8	88.9	88.9	89.0	89.1
GE 2500	40.9	41.5	67.0	67.0	83.9	85.4	88.6	89.9	90.4	90.6	90.9	91.0	91.1	91.1	91.2	91.2
GE 2000	41.0	41.7	68.4	68.4	86.7	88.6	91.9	93.5	94.0	94.5	95.0	95.2	95.2	95.2	95.3	95.4
GE 1800	41.0	41.7	68.4	68.4	86.9	88.8	92.1	93.8	94.2	94.7	95.3	95.5	95.6	95.7	95.7	95.8
GE 1500	41.0	41.7	68.4	68.4	87.0	89.1	92.8	94.5	95.0	95.5	96.1	96.4	96.5	96.6	96.8	96.8
GE 1200	41.0	41.7	68.4	68.4	87.1	89.5	93.3	95.1	95.6	96.1	96.7	97.0	97.1	97.2	97.3	97.4
GE 1000	41.0	41.7	68.4	68.4	87.1	89.5	93.4	95.2	95.9	96.4	97.1	97.4	97.5	97.6	97.8	97.8
GE 900	41.0	41.7	68.4	68.4	87.1	89.5	93.4	95.3	96.0	96.5	97.1	97.5	97.5	97.7	97.8	97.9
GE 800	41.0	41.7	68.4	68.4	87.1	89.5	93.4	95.5	96.2	96.7	97.4	97.8	97.9	98.1	98.2	98.3
GE 700	41.0	41.7	68.4	68.4	87.1	89.5	93.4	95.5	96.2	96.8	97.5	97.9	98.0	98.2	98.4	98.5
GE 600	41.0	41.7	68.4	68.4	87.1	89.5	93.4	95.5	96.2	96.8	97.5	97.9	98.0	98.2	98.4	98.5
GE 500	41.0	41.7	68.4	68.4	87.1	89.5	93.5	95.7	96.4	97.0	97.7	98.0	98.2	98.4	98.5	98.6
GE 400	41.0	41.7	68.4	68.4	87.1	89.5	93.5	95.7	96.6	97.2	97.9	98.2	98.5	98.7	98.8	98.9
GE 300	41.0	41.7	68.4	68.4	87.1	89.5	93.6	95.7	96.6	97.3	98.0	98.5	98.8	99.1	99.2	99.3
GE 200	41.0	41.7	68.4	68.4	87.1	89.5	93.6	95.7	96.6	97.3	98.0	98.5	98.9	99.2	99.3	99.4
GE 100	41.0	41.7	68.4	68.4	87.1	89.5	93.6	95.7	96.6	97.3	98.1	98.5	98.9	99.2	99.4	99.9
GE 000	41.0	41.7	68.4	68.4	87.1	89.5	93.6	95.7	96.6	97.3	98.1	98.5	98.9	99.2	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 1420

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 15000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.6	41.2	60.6	60.6	78.8	79.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4500	40.6	41.2	60.6	60.6	78.8	79.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 4000	40.6	41.2	60.6	60.6	78.8	79.4	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1	84.1
GE 3500	40.6	41.2	60.6	60.6	82.4	82.9	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3000	42.9	43.5	64.7	64.7	90.0	90.6	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
GE 2500	43.5	44.1	65.3	65.3	90.6	91.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1800	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1500	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1200	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 900	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 800	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 700	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 500	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 400	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 300	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 200	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 100	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.8	98.8	98.8	99.4	100.0	100.0	100.0
GE 000	43.5	44.1	65.9	65.9	92.4	92.9	98.2	98.2	98.2	98.8	98.8	98.8	99.4	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 170

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: APR HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	36.3	38.0	56.7	56.7	70.2	71.9	77.2	78.4	78.9	79.5	80.1	80.1	80.7	80.7	81.3	82.5
GE 4500	36.3	38.0	56.7	56.7	70.2	71.9	77.2	78.4	78.9	79.5	80.1	80.1	80.7	80.7	81.3	82.5
GE 4000	36.8	38.6	57.9	57.9	71.3	73.1	78.4	79.5	80.1	80.7	81.3	81.3	81.9	81.9	82.5	83.6
GE 3500	37.4	39.2	58.5	58.5	71.9	73.7	78.9	80.1	80.7	81.3	81.9	81.9	82.5	82.5	83.0	84.2
GE 3000	37.4	39.2	61.4	61.4	76.0	77.8	83.0	84.2	84.8	85.4	86.0	86.0	86.5	86.5	87.1	88.3
GE 2500	37.4	39.2	61.4	61.4	78.4	80.1	85.4	86.5	87.1	87.7	88.3	88.3	88.9	88.9	89.5	90.6
GE 2000	37.4	39.2	61.4	61.4	78.9	80.7	86.0	87.1	87.7	88.3	88.9	88.9	89.5	89.5	90.1	91.2
GE 1800	37.4	39.2	61.4	61.4	79.5	81.3	86.5	87.7	88.3	88.9	89.5	89.5	90.1	90.1	90.6	91.8
GE 1500	37.4	39.2	61.4	61.4	79.5	81.3	86.5	87.7	88.3	89.5	90.1	90.1	90.6	90.6	91.2	92.4
GE 1200	37.4	39.2	61.4	61.4	79.5	81.3	86.5	87.7	88.3	89.5	90.1	90.1	90.6	90.6	91.2	92.4
GE 1000	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	88.9	90.1	90.6	90.6	91.2	91.2	91.8	93.0
GE 900	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	88.9	90.1	90.6	90.6	91.2	91.2	91.8	93.0
GE 800	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	88.9	90.1	90.6	90.6	91.2	91.2	91.8	93.0
GE 700	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	88.9	90.1	90.6	90.6	91.2	91.2	91.8	93.0
GE 600	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	88.9	90.1	90.6	90.6	91.2	91.2	91.8	93.0
GE 500	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	89.5	91.2	91.8	91.8	92.4	92.4	93.0	96.5
GE 400	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	89.5	91.2	91.8	91.8	93.0	93.0	93.6	97.1
GE 300	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	89.5	91.2	91.8	91.8	93.0	93.0	93.6	97.1
GE 200	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	89.5	91.2	91.8	91.8	93.0	93.0	93.6	98.2
GE 100	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	89.5	91.2	91.8	91.8	93.0	93.0	93.6	100.0
GE 000	37.4	39.2	61.4	61.4	79.5	81.3	87.1	88.3	89.5	91.2	91.8	91.8	93.0	93.0	93.6	100.0

TOTAL NUMBER OF OBSERVATIONS 171

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	29.0	31.4	55.6	55.6	69.8	70.4	72.2	72.8	72.8	74.0	74.0	74.0	74.6	74.6	75.1	77.5
GE 4500	29.0	31.4	55.6	55.6	69.8	70.4	72.2	72.8	72.8	74.0	74.0	74.0	74.6	74.6	75.1	77.5
GE 4000	30.2	32.5	57.4	57.4	72.2	72.8	74.6	75.1	75.1	76.3	76.3	76.3	76.9	76.9	77.5	79.9
GE 3500	30.2	32.5	57.4	57.4	72.2	72.8	74.6	75.1	75.1	76.3	76.3	76.3	76.9	76.9	77.5	79.9
GE 3000	31.4	33.7	58.6	58.6	76.3	76.9	78.7	79.3	79.3	80.5	80.5	80.5	81.1	81.1	81.7	84.0
GE 2500	31.4	33.7	58.6	58.6	76.9	77.5	79.3	79.9	79.9	81.1	81.1	81.1	81.7	81.7	82.2	84.6
GE 2000	31.4	33.7	58.6	58.6	76.9	77.5	79.9	80.5	80.5	81.7	81.7	81.7	82.2	82.2	82.8	85.2
GE 1800	31.4	33.7	58.6	58.6	76.9	77.5	79.9	80.5	80.5	81.7	81.7	81.7	82.2	82.2	82.8	85.2
GE 1500	31.4	33.7	59.8	59.8	78.1	78.7	81.1	81.7	81.7	82.8	82.8	82.8	83.4	83.4	84.0	86.4
GE 1200	31.4	33.7	59.8	59.8	78.1	79.3	81.7	82.2	82.2	83.4	83.4	83.4	84.0	84.0	84.6	87.0
GE 1000	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.2	85.2	85.8	85.8	86.4	88.8
GE 900	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.2	85.2	85.8	85.8	86.4	88.8
GE 800	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.2	85.8	87.0	87.0	88.2	90.5
GE 700	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.2	85.8	87.0	87.0	88.2	90.5
GE 600	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.2	85.8	87.0	87.0	88.2	90.5
GE 500	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.8	86.4	87.6	87.6	88.8	91.7
GE 400	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.0	84.0	85.2	85.8	86.4	87.6	87.6	88.8	91.7
GE 300	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.6	84.6	85.8	86.4	87.0	88.2	88.2	89.3	92.3
GE 200	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.6	84.6	85.8	86.4	87.0	88.2	88.2	89.9	94.1
GE 100	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.6	84.6	85.8	86.4	87.0	88.2	88.2	89.9	96.4
GE 000	32.0	34.3	60.4	60.4	79.3	80.5	82.8	84.6	84.6	85.8	86.4	87.0	88.2	88.2	89.9	100.0

TOTAL NUMBER OF OBSERVATIONS 169

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CELL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.6	47.3	65.2	65.2	78.6	79.5	83.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4500	44.6	47.3	65.2	65.2	78.6	79.5	83.0	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
GE 4000	45.5	48.2	66.1	66.1	79.5	81.3	86.6	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 3500	45.5	48.2	67.0	67.0	80.4	82.1	87.5	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	46.4	49.1	67.9	67.9	83.0	84.8	90.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2500	46.4	49.1	67.9	67.9	83.0	84.8	90.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	46.4	49.1	67.9	67.9	83.0	84.8	90.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	46.4	49.1	67.9	67.9	83.0	84.8	90.2	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	46.4	49.1	69.6	69.6	84.8	86.6	92.0	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1200	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 900	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 800	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	97.3	97.3	97.3	97.3	97.3	97.3
GE 700	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	97.3	97.3	97.3	97.3	97.3	97.3
GE 500	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	98.2	99.1	99.1	99.1	99.1	99.1
GE 300	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	98.2	99.1	99.1	99.1	99.1	99.1
GE 200	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	99.1	100.0	100.0	100.0	100.0	100.0
GE 100	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	99.1	100.0	100.0	100.0	100.0	100.0
GE 000	46.4	49.1	69.6	69.6	84.8	88.4	93.8	95.5	95.5	96.4	99.1	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 112

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	56.4	57.0	69.7	69.7	84.2	84.8	86.1	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
GE 4500	56.4	57.0	69.7	69.7	84.2	84.8	86.1	86.7	86.7	86.7	87.3	87.3	87.3	87.3	87.3	87.3
GE 4000	57.0	57.6	70.9	70.9	85.5	86.1	87.9	88.5	88.5	88.5	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	57.0	57.6	70.9	70.9	85.5	86.1	87.9	88.5	88.5	88.5	89.1	89.1	89.1	89.1	89.1	89.1
GE 3000	57.0	57.6	70.9	70.9	86.1	86.7	88.5	89.1	89.1	89.1	89.7	89.7	89.7	89.7	89.7	89.7
GE 2500	57.0	57.6	70.9	70.9	87.3	87.9	89.7	90.3	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	58.2	58.8	72.7	72.7	89.7	90.3	93.3	93.9	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5
GE 1800	58.2	58.8	72.7	72.7	89.7	90.3	93.3	93.9	93.9	93.9	94.5	94.5	94.5	94.5	94.5	94.5
GE 1500	60.0	60.6	75.8	75.8	92.7	93.3	96.4	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	60.0	60.6	75.8	75.8	92.7	93.3	96.4	97.0	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.0	60.6	75.8	75.8	92.7	93.3	97.6	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING		VISIBILITY IN METERS														
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	57.6	60.0	73.3	73.3	81.8	81.8	81.8	81.8	81.8	81.8	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	58.8	61.2	74.5	74.5	83.0	83.0	83.0	83.0	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6
GE 4000	60.0	62.4	75.8	75.8	84.2	84.2	84.2	84.2	84.2	84.2	84.8	84.8	84.8	84.8	84.8	84.8
GE 3500	60.0	62.4	75.8	75.8	85.5	85.5	85.5	85.5	85.5	85.5	86.1	86.1	86.1	86.1	86.1	86.1
GE 3000	62.4	64.8	78.2	78.2	90.3	90.3	90.3	90.3	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	62.4	64.8	78.2	78.2	90.3	90.3	90.3	90.3	90.3	90.3	90.9	90.9	90.9	90.9	90.9	90.9
GE 2000	62.4	64.8	80.0	80.0	92.1	92.1	92.7	92.7	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9
GE 1800	62.4	64.8	80.0	80.0	92.1	92.1	92.7	92.7	93.3	93.3	93.9	93.9	93.9	93.9	93.9	93.9
GE 1500	64.2	66.7	81.8	81.8	93.9	93.9	94.5	94.5	95.2	95.2	95.8	95.8	95.8	95.8	95.8	95.8
GE 1200	64.2	66.7	81.8	81.8	95.8	95.8	96.4	96.4	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	64.2	66.7	81.8	81.8	95.8	95.8	96.4	98.2	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	64.2	66.7	81.8	81.8	95.8	95.8	96.4	98.2	98.8	98.8	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	64.2	66.7	81.8	81.8	95.8	96.4	97.0	98.8	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	60.0	61.2	73.9	73.9	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
GE 4500	60.6	61.8	74.5	74.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 4000	62.4	63.6	77.0	77.0	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 3500	62.4	63.6	77.0	77.0	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9	87.9
GE 3000	64.2	65.5	80.0	80.0	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2500	64.2	65.5	80.0	80.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 2000	65.5	66.7	81.8	81.8	94.5	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1800	65.5	66.7	81.8	81.8	94.5	95.8	95.8	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	66.7	67.9	83.0	83.0	95.8	97.0	97.0	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.7	67.9	83.0	83.0	98.2	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS 165

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.5	50.3	70.7	70.7	83.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4500	48.5	50.3	70.7	70.7	83.8	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 4000	48.5	50.3	71.9	71.9	85.6	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 3500	48.5	50.3	71.9	71.9	87.4	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 3000	49.7	51.5	74.3	74.3	89.8	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2500	51.5	53.3	76.0	76.0	91.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	51.5	53.3	79.6	79.6	96.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 167

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	46.6	48.2	65.7	65.7	78.7	79.5	81.5	82.0	82.1	82.3	82.6	82.6	82.7	82.7	82.9	83.3
GE 4500	46.8	48.4	65.9	65.9	78.9	79.8	81.8	82.2	82.3	82.6	82.8	82.8	82.9	82.9	83.1	83.6
GE 4000	47.6	49.2	67.1	67.1	80.4	81.3	83.6	84.0	84.1	84.3	84.6	84.6	84.7	84.7	84.9	85.4
GE 3500	47.7	49.3	67.3	67.3	81.6	82.6	84.8	85.3	85.4	85.6	85.8	85.8	86.0	86.0	86.1	86.6
GE 3000	48.9	50.5	69.5	69.5	85.4	86.3	88.6	89.0	89.1	89.3	89.6	89.6	89.7	89.7	89.9	90.3
GE 2500	49.2	50.9	69.8	69.8	86.4	87.3	89.6	90.0	90.1	90.3	90.6	90.6	90.7	90.7	90.9	91.4
GE 2000	49.5	51.2	71.0	71.0	88.2	89.4	92.1	92.6	92.8	93.0	93.2	93.2	93.4	93.4	93.5	94.0
GE 1800	49.5	51.2	71.0	71.0	88.2	89.5	92.1	92.7	92.8	93.1	93.3	93.3	93.5	93.5	93.6	94.1
GE 1500	50.2	51.8	72.1	72.1	89.3	90.5	93.2	93.8	93.9	94.2	94.5	94.5	94.6	94.6	94.8	95.2
GE 1200	50.2	51.8	72.1	72.1	89.9	91.4	94.0	94.5	94.7	95.0	95.2	95.2	95.4	95.4	95.6	96.0
GE 1000	50.2	51.9	72.2	72.2	90.0	91.5	94.4	95.3	95.5	95.8	96.0	96.0	96.2	96.2	96.3	96.8
GE 900	50.2	51.9	72.2	72.2	90.0	91.5	94.4	95.3	95.5	95.8	96.0	96.0	96.2	96.2	96.3	96.8
GE 800	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.4	95.6	96.0	96.3	96.4	96.7	96.7	96.9	97.4
GE 700	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.4	95.6	96.0	96.3	96.4	96.7	96.7	96.9	97.4
GE 600	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.4	95.6	96.0	96.3	96.4	96.7	96.7	96.9	97.4
GE 500	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.4	95.7	96.3	96.7	96.7	97.0	97.0	97.2	98.1
GE 400	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.4	95.7	96.3	96.7	96.9	97.2	97.2	97.4	98.3
GE 300	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.5	95.8	96.3	96.8	97.0	97.3	97.3	97.5	98.4
GE 200	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.5	95.8	96.3	96.9	97.0	97.4	97.4	97.7	98.8
GE 100	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.5	95.8	96.3	96.9	97.0	97.4	97.5	97.8	99.5
GE 000	50.2	51.9	72.2	72.2	90.0	91.6	94.5	95.5	95.8	96.3	96.9	97.0	97.4	97.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 1284

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: MAY HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.6	26.7	48.9	48.9	54.4	57.8	57.8	57.8	57.8	58.9	58.9	58.9	59.4	59.4	59.4	59.4
GE 4500	27.2	28.3	50.6	50.6	56.1	59.4	59.4	59.4	59.4	60.6	60.6	60.6	61.1	61.1	61.1	61.1
GE 4000	28.3	29.4	54.4	54.4	61.7	65.0	65.0	65.0	65.0	66.1	66.1	66.1	66.7	66.7	66.7	66.7
GE 3500	28.3	29.4	56.7	56.7	66.7	70.0	70.0	70.0	70.0	71.1	71.1	71.1	71.7	71.7	71.7	71.7
GE 3000	33.3	34.4	62.2	62.2	73.9	77.2	77.2	77.2	77.2	78.3	78.9	78.9	79.4	79.4	79.4	79.4
GE 2500	33.3	34.4	63.3	63.3	76.7	80.0	80.0	80.0	80.0	81.1	81.7	81.7	82.2	82.2	82.2	82.2
GE 2000	33.3	34.4	63.3	63.3	77.2	80.6	80.6	80.6	80.6	81.7	82.2	82.2	82.8	82.8	82.8	82.8
GE 1800	33.3	34.4	63.9	63.9	79.4	82.8	82.8	82.8	82.8	83.9	84.4	84.4	85.0	85.0	85.0	85.0
GE 1500	33.9	35.0	66.1	66.1	82.8	86.1	87.2	87.2	87.2	88.3	88.9	88.9	89.4	89.4	89.4	89.4
GE 1200	33.9	35.0	66.1	66.1	86.1	89.4	90.6	90.6	91.7	92.8	93.3	93.3	93.9	93.9	93.9	93.9
GE 1000	33.9	35.0	66.1	66.1	86.7	90.0	92.2	92.2	93.3	94.4	95.0	95.0	95.6	95.6	95.6	95.6
GE 900	33.9	35.0	66.1	66.1	86.7	90.6	92.8	92.8	94.4	95.6	96.1	96.1	96.7	96.7	96.7	96.7
GE 800	33.9	35.0	66.1	66.1	86.7	90.6	92.8	92.8	94.4	95.6	96.1	96.1	96.7	96.7	96.7	96.7
GE 700	33.9	35.0	66.1	66.1	86.7	90.6	92.8	92.8	94.4	95.6	96.1	96.1	96.7	96.7	96.7	96.7
GE 600	33.9	35.0	66.1	66.1	86.7	90.6	92.8	92.8	94.4	95.6	96.1	96.1	96.7	96.7	96.7	96.7
GE 500	33.9	35.0	66.1	66.1	86.7	90.6	92.8	92.8	94.4	95.6	96.7	96.7	97.2	97.2	97.2	97.2
GE 400	33.9	35.0	66.1	66.1	86.7	90.6	93.3	93.9	95.6	96.7	97.8	97.8	98.3	98.3	98.3	98.3
GE 300	33.9	35.0	66.1	66.1	86.7	90.6	93.3	93.9	95.6	96.7	97.8	97.8	98.3	98.3	98.3	98.3
GE 200	33.9	35.0	66.1	66.1	86.7	90.6	93.3	93.9	95.6	97.2	98.3	98.3	98.9	98.9	98.9	98.9
GE 100	33.9	35.0	66.1	66.1	86.7	90.6	93.3	93.9	95.6	97.2	98.3	98.3	98.9	98.9	99.4	100.0
GE 000	33.9	35.0	66.1	66.1	86.7	90.6	93.3	93.9	95.6	97.2	98.3	98.3	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: MAY HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	22.2	22.8	34.4	34.4	50.6	53.3	55.6	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.7
GE 4500	23.9	24.4	36.1	36.1	52.8	55.6	57.8	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.9
GE 4000	23.9	24.4	36.7	36.7	56.1	58.9	61.1	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	62.2
GE 3500	25.0	25.6	38.3	38.3	58.3	61.1	63.3	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	64.4
GE 3000	26.7	27.2	41.7	41.7	63.9	66.7	68.9	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	70.0
GE 2500	26.7	27.2	41.7	41.7	65.6	69.4	72.2	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	73.3
GE 2000	26.7	27.2	42.2	42.2	66.1	70.0	72.8	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.9
GE 1800	26.7	27.2	42.2	42.2	67.2	71.7	74.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.6
GE 1500	27.2	27.8	42.8	42.8	70.6	75.0	83.9	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.6
GE 1200	27.2	27.8	42.8	42.8	73.3	78.3	88.3	88.9	89.4	89.4	89.4	89.4	89.4	89.4	89.4	90.0
GE 1000	27.2	27.8	42.8	42.8	73.9	78.9	88.9	89.4	90.0	90.6	90.6	90.6	90.6	90.6	90.6	91.1
GE 900	27.2	27.8	42.8	42.8	73.9	78.9	88.9	89.4	90.0	90.6	90.6	90.6	90.6	90.6	90.6	91.1
GE 800	27.2	27.8	42.8	42.8	73.9	78.9	88.9	89.4	90.0	90.6	91.1	91.1	92.2	92.2	92.2	92.8
GE 700	27.2	27.8	42.8	42.8	73.9	78.9	88.9	89.4	90.0	90.6	91.1	91.1	92.2	92.2	92.2	92.8
GE 600	27.2	27.8	42.8	42.8	73.9	78.9	88.9	89.4	90.0	90.6	91.1	91.1	92.2	92.2	92.2	92.8
GE 500	27.2	27.8	42.8	42.8	73.9	78.9	88.9	89.4	90.0	90.6	91.1	91.1	92.2	92.2	92.2	92.8
GE 400	27.2	27.8	42.8	42.8	73.9	78.9	90.6	91.1	91.7	92.2	92.8	93.3	94.4	95.0	95.0	95.6
GE 300	27.2	27.8	42.8	42.8	73.9	78.9	90.6	91.1	91.7	92.2	92.8	93.3	96.1	96.7	96.7	97.8
GE 200	27.2	27.8	42.8	42.8	73.9	78.9	90.6	91.1	91.7	92.2	92.8	93.3	96.1	96.7	96.7	98.3
GE 100	27.2	27.8	42.8	42.8	73.9	78.9	90.6	91.1	91.7	92.2	92.8	93.3	96.1	96.7	96.7	100.0
GE 000	27.2	27.8	42.8	42.8	73.9	78.9	90.6	91.1	91.7	92.2	92.8	93.3	96.1	96.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	15.6	16.1	25.6	25.6	36.7	37.8	40.6	41.7	42.2	43.3	45.0	45.0	46.1	46.1	46.7	48.9
GE 4500	17.2	17.8	27.8	27.8	38.9	40.0	42.8	43.9	44.4	45.6	47.2	47.2	48.3	48.3	48.9	51.1
GE 4000	17.2	17.8	27.8	27.8	40.6	41.7	44.4	45.6	46.1	47.2	48.9	48.9	50.0	50.0	50.6	52.8
GE 3500	19.4	20.0	30.6	30.6	43.3	44.4	47.2	48.3	48.9	50.6	52.2	52.2	53.3	53.3	53.9	56.1
GE 3000	21.7	22.8	33.9	33.9	48.3	49.4	52.8	54.4	55.0	56.7	58.3	58.3	59.4	59.4	60.0	62.2
GE 2500	21.7	22.8	33.9	33.9	48.3	49.4	54.4	56.1	56.7	58.3	60.0	60.0	61.1	61.1	61.7	63.9
GE 2000	21.7	22.8	33.9	33.9	50.0	51.1	56.1	57.8	58.3	60.0	61.7	61.7	62.8	62.8	63.3	65.6
GE 1800	21.7	22.8	33.9	33.9	50.0	51.7	56.7	58.3	59.4	61.7	63.3	63.3	65.0	65.0	65.6	67.8
GE 1500	21.7	22.8	34.4	34.4	54.4	56.1	62.8	64.4	66.1	68.9	70.6	71.1	72.8	72.8	73.3	75.6
GE 1200	23.3	24.4	37.2	37.2	57.2	60.6	67.8	70.0	72.2	75.6	77.2	77.8	79.4	79.4	80.0	82.2
GE 1000	23.3	24.4	37.2	37.2	57.2	60.6	68.3	71.7	73.9	77.2	80.0	81.1	82.8	82.8	83.3	85.6
GE 900	23.3	24.4	37.2	37.2	57.2	60.6	68.3	71.7	73.9	77.2	80.0	81.7	83.3	83.3	83.9	86.1
GE 800	23.3	24.4	37.2	37.2	57.2	60.6	68.3	71.7	73.9	78.9	81.7	83.3	85.6	85.6	86.1	88.3
GE 700	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.2	74.4	79.4	82.2	83.9	86.1	86.1	86.7	88.9
GE 600	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.2	75.0	82.2	85.6	87.2	90.6	90.6	91.1	93.3
GE 500	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.2	75.0	82.2	85.6	87.2	90.6	90.6	91.1	93.3
GE 400	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.2	75.0	82.2	86.1	87.8	91.7	91.7	92.2	94.4
GE 300	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.8	75.6	82.8	86.7	88.3	95.0	95.0	95.6	97.8
GE 200	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.8	75.6	82.8	86.7	88.3	95.6	95.6	96.1	99.4
GE 100	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.8	75.6	82.8	86.7	88.3	95.6	95.6	96.1	100.0
GE 000	23.3	24.4	37.2	37.2	57.2	60.6	68.3	72.8	75.6	82.8	86.7	88.3	95.6	95.6	96.1	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.8	25.8	42.5	42.5	54.2	56.7	56.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	27.5	28.3	45.8	45.8	57.5	60.0	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 4000	27.5	28.3	45.8	45.8	60.8	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 3500	27.5	28.3	46.7	46.7	62.5	65.0	66.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3000	33.3	34.2	54.2	54.2	72.5	75.0	76.7	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2	79.2
GE 2500	33.3	34.2	55.0	55.0	75.0	77.5	79.2	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 2000	33.3	34.2	55.8	55.8	76.7	80.8	82.5	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 1800	33.3	34.2	55.8	55.8	76.7	81.7	83.3	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 1500	33.3	34.2	56.7	56.7	80.0	85.0	86.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 1200	33.3	34.2	56.7	56.7	81.7	87.5	90.0	94.2	94.2	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 700	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 600	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	98.3	98.3	100.0	100.0	100.0	100.0
GE 300	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	98.3	98.3	100.0	100.0	100.0	100.0
GE 200	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	98.3	98.3	100.0	100.0	100.0	100.0
GE 100	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	98.3	98.3	100.0	100.0	100.0	100.0
GE 000	33.3	34.2	56.7	56.7	82.5	88.3	90.8	95.0	95.0	97.5	98.3	98.3	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 120

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.0	36.1	51.1	51.1	60.0	62.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 4500	38.3	39.4	54.4	54.4	63.3	65.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4000	40.0	41.1	57.8	57.8	67.2	69.4	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
GE 3500	43.3	44.4	63.3	63.3	73.3	75.6	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 3000	48.3	51.1	71.7	71.7	82.8	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	48.3	51.1	71.7	71.7	83.3	85.6	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	48.3	51.1	71.7	71.7	84.4	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	48.3	51.1	71.7	71.7	84.4	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1500	49.4	52.8	73.9	73.9	87.8	90.0	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1200	50.6	53.9	75.0	75.0	89.4	92.2	94.4	94.4	94.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	50.6	53.9	75.0	75.0	90.6	93.3	96.1	96.7	97.2	98.3	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	98.9	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	50.6	53.9	75.0	75.0	90.6	93.3	96.1	97.2	97.8	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.1	46.4	65.9	65.9	68.2	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 4500	45.3	47.5	67.0	67.0	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8	69.8
GE 4000	48.6	51.4	71.5	71.5	74.3	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9	74.9
GE 3500	49.2	52.0	73.2	73.2	76.0	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 3000	52.5	55.3	79.3	79.3	84.9	85.5	85.5	87.2	87.2	87.2	87.7	87.7	87.7	87.7	87.7	87.7
GE 2500	52.5	55.3	79.3	79.3	84.9	85.5	85.5	87.2	87.2	87.2	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	55.3	58.1	82.1	82.1	87.7	88.3	88.8	90.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1800	55.3	58.1	82.1	82.1	87.7	88.3	88.8	90.5	90.5	90.5	91.6	91.6	91.6	91.6	91.6	91.6
GE 1500	57.0	59.8	83.8	83.8	89.4	89.9	91.6	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200	57.0	59.8	83.8	83.8	89.4	89.9	91.6	93.3	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 900	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 800	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 700	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 600	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 500	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 400	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 300	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 200	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 100	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0
GE 000	58.1	60.9	84.9	84.9	92.7	93.3	96.6	98.3	98.3	98.3	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 179

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	45.0	46.7	66.1	66.1	70.0	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	45.6	47.8	67.2	67.2	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	46.1	48.3	68.3	68.3	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	47.2	49.4	71.7	71.7	77.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	52.2	54.4	77.8	77.8	83.3	84.4	84.4	85.6	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 2500	52.2	54.4	78.3	78.3	83.9	86.1	86.7	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2000	54.4	56.7	81.7	81.7	87.8	90.0	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	54.4	56.7	81.7	81.7	87.8	90.0	91.1	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1500	54.4	56.7	81.7	81.7	88.3	90.6	91.7	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	54.4	56.7	81.7	81.7	90.0	92.2	93.3	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	54.4	56.7	82.2	82.2	92.2	95.0	96.1	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	54.4	56.7	82.2	82.2	92.2	95.0	96.1	98.3	99.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	34.8	35.9	56.9	56.9	63.5	64.6	65.2	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
GE 4500	35.9	37.6	58.6	58.6	65.2	66.3	66.9	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 4000	37.6	39.2	61.9	61.9	68.5	69.6	70.2	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	37.6	39.2	63.0	63.0	74.0	75.1	75.7	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 3000	40.9	42.5	66.3	66.3	80.1	81.2	81.8	84.5	84.5	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500	42.0	43.6	67.4	67.4	81.2	84.0	85.1	87.8	87.8	88.4	88.4	88.4	88.4	88.4	88.4	88.4
GE 2000	42.5	44.2	68.5	68.5	84.0	86.7	87.8	90.6	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.2
GE 1800	42.5	44.2	68.5	68.5	84.0	86.7	87.8	91.7	91.7	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 1500	42.5	44.2	69.1	69.1	84.5	87.3	88.4	92.3	92.3	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1200	42.5	44.2	69.1	69.1	86.7	89.5	90.6	94.5	94.5	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1000	42.5	44.2	69.1	69.1	89.0	91.7	93.9	97.8	97.8	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 900	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	42.5	44.2	69.1	69.1	89.0	91.7	93.9	98.9	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 181

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 70	GE 60	GE 50	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.2	32.3	49.2	49.2	57.3	59.1	60.1	60.7	60.7	61.0	61.2	61.2	61.4	61.4	61.5	61.9
GE 4500	32.8	34.1	51.2	51.2	59.3	61.2	62.2	62.7	62.8	63.0	63.3	63.3	63.5	63.5	63.6	63.9
GE 4000	33.9	35.3	53.3	53.3	62.8	64.6	65.6	66.2	66.2	66.5	66.7	66.7	67.0	67.0	67.0	67.4
GE 3500	35.0	36.4	55.8	55.8	66.6	68.4	69.5	70.1	70.1	70.5	70.7	70.7	70.9	70.9	71.0	71.4
GE 3000	38.8	40.5	61.2	61.2	73.8	75.6	76.7	78.0	78.1	78.6	78.9	78.9	79.1	79.1	79.2	79.6
GE 2500	39.0	40.7	61.6	61.6	74.9	77.2	78.8	80.0	80.1	80.6	81.0	81.0	81.2	81.2	81.3	81.7
GE 2000	39.7	41.4	62.7	62.7	76.7	79.2	80.9	82.2	82.3	82.8	83.2	83.2	83.4	83.4	83.5	83.8
GE 1800	39.7	41.4	62.8	62.8	77.2	79.9	81.6	83.0	83.2	83.7	84.1	84.1	84.4	84.4	84.5	84.9
GE 1500	40.2	42.0	63.8	63.8	79.7	82.4	85.5	87.0	87.4	88.0	88.4	88.5	88.8	88.8	88.8	89.2
GE 1200	40.6	42.3	64.3	64.3	81.7	84.9	88.3	89.9	90.4	91.3	91.7	91.8	92.1	92.1	92.2	92.5
GE 1000	40.7	42.5	64.6	64.6	83.1	86.3	90.4	92.2	92.8	93.8	94.4	94.6	94.9	94.9	95.0	95.4
GE 900	40.7	42.5	64.6	64.6	83.1	86.4	90.4	92.6	93.4	94.4	95.1	95.3	95.7	95.7	95.7	96.1
GE 800	40.7	42.5	64.6	64.6	83.1	86.4	90.4	92.6	93.4	94.7	95.4	95.7	96.2	96.2	96.3	96.7
GE 700	40.7	42.5	64.6	64.6	83.1	86.4	90.4	92.7	93.5	94.8	95.5	95.7	96.3	96.3	96.4	96.7
GE 600	40.7	42.5	64.6	64.6	83.1	86.4	90.4	92.7	93.6	95.3	96.2	96.4	97.1	97.1	97.2	97.5
GE 500	40.7	42.5	64.6	64.6	83.1	86.4	90.4	92.7	93.6	95.3	96.3	96.5	97.2	97.2	97.3	97.7
GE 400	40.7	42.5	64.6	64.6	83.1	86.4	90.7	93.0	94.0	95.7	96.7	97.0	98.0	98.0	98.1	98.5
GE 300	40.7	42.5	64.6	64.6	83.1	86.4	90.7	93.1	94.1	95.7	96.8	97.1	98.6	98.7	98.8	99.2
GE 200	40.7	42.5	64.6	64.6	83.1	86.4	90.7	93.1	94.1	95.8	96.9	97.2	98.8	98.8	98.9	99.6
GE 100	40.7	42.5	64.6	64.6	83.1	86.4	90.7	93.1	94.1	95.8	96.9	97.2	98.8	98.8	99.0	100.0
GE 000	40.7	42.5	64.6	64.6	83.1	86.4	90.7	93.1	94.1	95.8	96.9	97.2	98.8	98.8	99.0	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	22.2	22.2	37.8	37.8	51.1	52.2	54.4	55.6	56.7	58.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 4500	22.2	22.2	38.9	38.9	52.2	53.3	55.6	56.7	57.8	60.0	61.1	61.1	61.1	61.1	61.1	61.1
GE 4000	26.1	26.7	43.3	43.3	57.8	60.6	63.3	64.4	65.6	67.8	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	26.1	26.7	43.3	43.3	57.8	63.3	66.7	67.8	68.9	71.1	72.2	72.2	72.2	72.2	72.2	72.2
GE 3000	27.2	27.8	44.4	44.4	62.8	69.4	73.9	75.6	77.2	79.4	80.6	80.6	80.6	80.6	80.6	80.6
GE 2500	27.2	27.8	44.4	44.4	62.8	69.4	73.9	75.6	77.2	80.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	27.2	27.8	45.6	45.6	64.4	71.1	78.3	80.0	81.7	84.4	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	27.2	27.8	45.6	45.6	64.4	71.1	78.9	80.6	82.2	85.0	86.1	86.1	86.1	86.1	86.1	86.1
GE 1500	27.2	27.8	45.6	45.6	64.4	72.8	81.7	85.0	86.7	89.4	90.6	90.6	90.6	90.6	90.6	90.6
GE 1200	27.2	27.8	45.6	45.6	66.1	74.4	83.3	86.7	88.3	92.8	94.4	94.4	94.4	94.4	94.4	94.4
GE 1000	27.2	27.8	45.6	45.6	66.1	74.4	83.3	87.2	90.6	95.0	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	27.2	27.8	45.6	45.6	66.1	74.4	83.3	87.2	90.6	95.0	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 700	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 600	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	27.2	27.8	45.6	45.6	66.1	74.4	83.3	88.3	91.7	96.1	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: JUN HOURS: 03-05

CEILING		VISIBILITY IN METERS														
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	20.0	20.0	37.2	37.2	47.8	49.4	51.1	52.8	52.8	59.4	59.4	59.4	60.0	60.0	60.0	60.0
GE 4500	21.1	21.1	39.4	39.4	50.0	51.7	53.3	55.0	55.0	61.7	61.7	61.7	62.2	62.2	62.2	62.2
GE 4000	22.2	22.2	41.7	41.7	52.2	55.6	57.2	58.9	58.9	66.1	66.1	66.1	66.7	66.7	66.7	66.7
GE 3500	22.2	22.2	41.7	41.7	52.2	57.2	58.9	60.6	60.6	67.8	67.8	67.8	68.3	68.3	68.3	68.3
GE 3000	23.3	23.3	42.8	42.8	53.9	60.6	63.9	67.2	67.8	75.0	75.0	75.0	75.6	75.6	75.6	75.6
GE 2500	23.3	23.3	42.8	42.8	53.9	60.6	64.4	69.4	70.0	77.2	77.8	77.8	78.3	78.3	78.3	78.3
GE 2000	23.3	23.3	42.8	42.8	54.4	61.7	66.1	71.1	71.7	80.0	80.6	80.6	81.1	81.1	81.1	81.1
GE 1800	23.3	23.3	42.8	42.8	54.4	61.7	66.1	71.1	71.7	80.0	80.6	80.6	81.1	81.1	81.1	81.1
GE 1500	23.3	23.3	42.8	42.8	55.0	62.2	67.8	73.3	74.4	82.8	83.3	83.3	83.9	83.9	83.9	83.9
GE 1200	23.3	23.3	42.8	42.8	55.0	62.8	68.9	75.6	76.7	85.6	86.7	86.7	87.8	87.8	87.8	87.8
GE 1000	23.3	23.3	42.8	42.8	56.1	63.9	72.2	79.4	82.2	91.7	92.8	92.8	93.9	93.9	93.9	93.9
GE 900	23.3	23.3	42.8	42.8	56.1	63.9	72.2	79.4	82.2	91.7	92.8	92.8	93.9	93.9	93.9	93.9
GE 800	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.0	83.3	93.3	94.4	94.4	95.6	95.6	95.6	95.6
GE 700	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.0	83.3	93.3	94.4	94.4	95.6	95.6	95.6	95.6
GE 600	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.0	83.3	93.3	94.4	94.4	95.6	95.6	96.1	96.7
GE 500	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.6	83.9	93.9	96.1	96.1	98.3	98.3	98.9	99.4
GE 400	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.6	83.9	93.9	96.1	96.1	98.3	98.3	98.9	99.4
GE 300	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.6	83.9	93.9	96.1	96.1	98.3	98.3	98.9	99.4
GE 200	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.6	83.9	93.9	96.1	96.1	98.9	98.9	99.4	100.0
GE 100	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.6	83.9	93.9	96.1	96.1	98.9	98.9	99.4	100.0
GE 000	23.3	23.3	42.8	42.8	56.1	63.9	72.2	80.6	83.9	93.9	96.1	96.1	98.9	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.6	26.7	40.0	40.0	45.6	47.2	49.4	50.0	50.6	53.9	55.0	55.0	56.1	56.1	56.1	56.7
GE 4500	27.2	28.3	41.7	41.7	47.2	48.9	51.1	51.7	52.2	55.6	56.7	56.7	57.8	57.8	57.8	58.3
GE 4000	27.2	28.3	41.7	41.7	48.3	50.0	52.2	52.8	53.3	56.7	57.8	57.8	58.9	59.4	59.4	60.0
GE 3500	28.3	29.4	43.3	43.3	50.0	51.7	53.9	54.4	55.0	58.3	59.4	59.4	60.6	61.1	61.1	61.7
GE 3000	28.3	29.4	43.3	43.3	51.7	54.4	57.2	57.8	58.3	63.3	67.2	67.2	68.9	69.4	69.4	70.0
GE 2500	28.3	29.4	43.3	43.3	52.8	55.6	58.3	58.9	59.4	64.4	68.3	68.3	70.0	70.6	70.6	71.1
GE 2000	28.3	29.4	43.9	43.9	53.9	57.2	61.7	62.2	63.3	68.3	72.2	72.2	73.9	74.4	74.4	75.0
GE 1800	28.3	29.4	43.9	43.9	54.4	57.8	62.2	62.8	63.9	68.9	72.8	72.8	74.4	75.0	75.0	75.6
GE 1500	28.3	29.4	43.9	43.9	55.0	58.3	62.8	63.3	65.6	70.6	74.4	74.4	76.1	76.7	76.7	77.2
GE 1200	28.3	29.4	43.9	43.9	56.7	60.0	68.3	70.6	72.8	77.8	81.7	81.7	83.3	83.9	83.9	84.4
GE 1000	28.3	29.4	43.9	43.9	58.3	61.7	72.2	74.4	76.7	81.7	85.6	85.6	87.2	87.8	87.8	88.3
GE 900	28.3	29.4	43.9	43.9	58.3	61.7	72.2	74.4	76.7	81.7	85.6	85.6	87.2	87.8	87.8	88.3
GE 800	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.0	77.2	82.2	86.1	86.1	88.3	88.9	88.9	89.4
GE 700	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.0	77.2	82.2	86.1	86.1	88.3	88.9	88.9	89.4
GE 600	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	83.3	87.2	87.2	90.6	92.8	92.8	93.3
GE 500	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	83.3	87.8	87.8	91.7	93.9	93.9	94.4
GE 400	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	84.4	89.4	90.0	93.9	96.1	96.1	97.8
GE 300	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	84.4	90.0	91.1	95.6	97.8	97.8	99.4
GE 200	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	84.4	90.0	91.1	96.1	98.3	98.3	100.0
GE 100	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	84.4	90.0	91.1	96.1	98.3	98.3	100.0
GE 000	28.3	29.4	43.9	43.9	58.3	61.7	72.2	75.6	78.3	84.4	90.0	91.1	96.1	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	20.8	21.7	39.2	39.2	48.3	50.8	53.3	56.7	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4500	20.8	21.7	39.2	39.2	48.3	50.8	53.3	56.7	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	24.2	25.0	42.5	42.5	51.7	54.2	56.7	60.0	61.7	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 3500	25.8	26.7	44.2	44.2	54.2	56.7	59.2	62.5	64.2	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 3000	30.0	31.7	50.0	50.0	64.2	67.5	71.7	75.8	77.5	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 2500	30.0	31.7	50.0	50.0	65.0	69.2	73.3	77.5	79.2	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 2000	30.0	31.7	50.8	50.8	66.7	71.7	75.8	80.0	81.7	82.5	83.3	84.2	84.2	84.2	84.2	84.2
GE 1800	30.0	31.7	50.8	50.8	66.7	71.7	75.8	80.0	81.7	82.5	83.3	84.2	84.2	84.2	84.2	84.2
GE 1500	31.7	33.3	52.5	52.5	69.2	75.8	80.0	86.7	88.3	89.2	90.0	90.8	90.8	90.8	90.8	90.8
GE 1200	31.7	33.3	52.5	52.5	69.2	75.8	80.0	86.7	88.3	89.2	90.0	90.8	90.8	90.8	90.8	90.8
GE 1000	31.7	33.3	52.5	52.5	70.8	77.5	81.7	90.8	93.3	94.2	95.0	95.8	95.8	95.8	95.8	95.8
GE 900	31.7	33.3	52.5	52.5	70.8	77.5	81.7	91.7	94.2	95.0	96.7	97.5	97.5	97.5	97.5	97.5
GE 800	31.7	33.3	52.5	52.5	70.8	77.5	81.7	92.5	95.0	95.8	97.5	99.2	99.2	99.2	99.2	99.2
GE 700	31.7	33.3	52.5	52.5	70.8	77.5	81.7	92.5	95.0	95.8	97.5	99.2	99.2	99.2	99.2	99.2
GE 600	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0
GE 500	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0
GE 400	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0
GE 300	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0
GE 200	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0
GE 100	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0
GE 000	31.7	33.3	52.5	52.5	70.8	77.5	81.7	93.3	95.8	96.7	98.3	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 120

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	18.9	19.4	36.7	36.7	48.9	50.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4500	18.9	19.4	36.7	36.7	48.9	50.6	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4000	20.6	21.7	42.2	42.2	55.6	57.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 3500	21.7	22.8	44.4	44.4	57.8	59.4	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 3000	30.6	32.2	57.2	57.2	76.7	78.3	80.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	31.1	32.8	57.8	57.8	77.8	80.0	82.2	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	31.1	32.8	58.9	58.9	79.4	81.7	83.9	87.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 1800	31.1	32.8	58.9	58.9	79.4	81.7	83.9	87.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	31.1	32.8	60.0	60.0	84.4	87.2	91.1	95.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1200	31.1	32.8	60.0	60.0	84.4	87.2	91.1	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	31.1	32.8	60.0	60.0	85.0	87.8	91.7	97.8	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	23.9	23.9	41.7	41.7	51.7	51.7	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 4500	24.4	24.4	42.2	42.2	52.2	52.2	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 4000	31.7	31.7	51.1	51.1	61.7	61.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 3500	36.7	37.2	57.2	57.2	67.8	67.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3000	42.2	43.3	65.6	65.6	81.1	81.1	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE 2500	43.3	44.4	67.2	67.2	85.6	85.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	43.3	44.4	67.2	67.2	86.1	86.7	89.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1800	43.3	44.4	67.2	67.2	86.1	86.7	89.4	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 1500	43.3	44.4	67.8	67.8	90.0	91.1	95.0	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1200	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	43.3	44.4	67.8	67.8	90.0	91.7	95.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.0	36.7	48.9	48.9	56.7	57.2	58.9	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500	36.1	37.8	50.0	50.0	57.8	58.3	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4000	38.9	40.6	57.8	57.8	67.2	67.8	69.4	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0	70.0
GE 3500	41.1	43.9	62.8	62.8	73.3	73.9	75.6	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1	76.1
GE 3000	43.3	46.1	68.3	68.3	82.2	82.8	84.4	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE 2500	43.9	46.7	68.9	68.9	84.4	86.1	89.4	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000	43.9	46.7	68.9	68.9	85.0	86.7	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1800	43.9	46.7	68.9	68.9	85.0	86.7	90.6	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1500	43.9	46.7	68.9	68.9	86.7	88.9	92.8	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1200	43.9	46.7	68.9	68.9	86.7	89.4	93.9	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	43.9	46.7	68.9	68.9	86.7	89.4	93.9	97.8	97.8	98.9	98.9	98.9	99.4	99.4	99.4	99.4
GE 900	43.9	46.7	68.9	68.9	86.7	89.4	93.9	97.8	97.8	98.9	98.9	98.9	99.4	99.4	99.4	99.4
GE 800	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 700	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 600	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 500	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 400	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 300	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 200	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 100	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0
GE 000	43.9	46.7	68.9	68.9	87.2	90.0	94.4	98.3	98.3	99.4	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE	5000	31.7	32.2	47.8	47.8	56.7	57.2	58.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE	4500	31.7	32.2	47.8	47.8	56.7	57.2	58.9	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE	4000	35.0	36.1	53.3	53.3	65.6	66.1	68.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE	3500	36.1	37.2	55.6	55.6	69.4	70.0	72.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE	3000	36.7	37.8	57.8	57.8	75.0	75.6	80.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0	85.0
GE	2500	37.2	38.3	58.3	58.3	75.6	77.2	82.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE	2000	38.3	39.4	59.4	59.4	76.7	78.3	85.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	1800	38.3	39.4	59.4	59.4	76.7	78.3	85.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE	1500	38.3	39.4	59.4	59.4	77.8	80.0	86.7	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE	1200	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE	1000	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	900	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE	800	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	98.3	98.3	98.9	98.9	98.9	98.9
GE	700	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	98.3	98.3	98.9	98.9	98.9	98.9
GE	600	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	98.3	98.3	98.9	98.9	98.9	98.9
GE	500	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	99.4	99.4	100.0	100.0	100.0	100.0
GE	400	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	99.4	99.4	100.0	100.0	100.0	100.0
GE	300	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	99.4	99.4	100.0	100.0	100.0	100.0
GE	200	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	99.4	99.4	100.0	100.0	100.0	100.0
GE	100	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	99.4	99.4	100.0	100.0	100.0	100.0
GE	000	38.3	39.4	59.4	59.4	77.8	80.0	86.7	94.4	95.6	97.2	99.4	99.4	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 180

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	24.9	25.5	41.2	41.2	50.9	52.1	53.9	55.3	55.7	57.3	57.6	57.6	57.8	57.8	57.8	57.9
GE 4500	25.5	26.1	42.1	42.1	51.8	53.0	54.8	56.2	56.5	58.2	58.5	58.5	58.7	58.7	58.7	58.8
GE 4000	28.4	29.2	46.9	46.9	57.8	59.3	61.4	62.8	63.2	64.9	65.2	65.2	65.4	65.5	65.5	65.6
GE 3500	29.9	30.9	49.3	49.3	60.6	62.8	64.9	66.4	66.7	68.5	68.8	68.8	69.0	69.1	69.1	69.1
GE 3000	32.8	34.1	53.8	53.8	68.6	71.4	74.3	76.4	77.0	78.9	79.6	79.6	79.9	79.9	79.9	80.0
GE 2500	33.2	34.4	54.3	54.3	69.9	73.1	76.4	78.8	79.3	81.3	82.0	82.0	82.3	82.4	82.4	82.5
GE 2000	33.3	34.6	54.9	54.9	71.0	74.5	79.0	81.9	82.6	84.8	85.6	85.7	85.9	86.0	86.0	86.1
GE 1800	33.3	34.6	54.9	54.9	71.1	74.6	79.1	82.1	82.8	85.0	85.8	85.9	86.2	86.2	86.2	86.3
GE 1500	33.5	34.7	55.2	55.2	73.0	77.1	82.3	86.4	87.4	89.6	90.4	90.4	90.7	90.8	90.8	90.9
GE 1200	33.5	34.7	55.2	55.2	73.4	77.8	83.6	88.6	89.6	92.1	93.0	93.1	93.5	93.6	93.6	93.6
GE 1000	33.5	34.7	55.2	55.2	74.0	78.3	84.8	90.2	91.8	94.6	95.6	95.7	96.1	96.2	96.2	96.2
GE 900	33.5	34.7	55.2	55.2	74.0	78.3	84.8	90.3	91.9	94.7	95.7	95.8	96.2	96.3	96.3	96.4
GE 800	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.7	92.4	95.4	96.6	96.7	97.3	97.4	97.4	97.5
GE 700	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.7	92.4	95.4	96.7	96.9	97.5	97.5	97.5	97.6
GE 600	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.6	95.6	97.0	97.1	97.8	98.1	98.2	98.3
GE 500	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.7	95.7	97.6	97.8	98.7	99.0	99.1	99.2
GE 400	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.7	95.8	97.8	98.0	99.0	99.3	99.3	99.6
GE 300	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.7	95.8	97.9	98.2	99.2	99.5	99.6	99.9
GE 200	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.7	95.8	97.9	98.2	99.3	99.6	99.7	100.0
GE 100	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.7	95.8	97.9	98.2	99.3	99.6	99.7	100.0
GE 000	33.5	34.7	55.2	55.2	74.1	78.4	84.9	90.9	92.7	95.8	97.9	98.2	99.3	99.6	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: JUL HOURS: 00-02

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		15.6	16.7	34.4	34.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4500		15.6	16.7	34.4	34.4	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 4000		18.9	20.0	37.8	37.8	70.0	70.0	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500		21.1	22.2	40.0	40.0	73.3	73.3	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000		26.7	27.8	47.8	47.8	82.2	82.2	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500		26.7	27.8	47.8	47.8	85.6	85.6	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 2000		26.7	27.8	47.8	47.8	86.7	86.7	91.1	91.1	91.1	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1800		26.7	27.8	47.8	47.8	87.8	87.8	92.2	92.2	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500		26.7	27.8	47.8	47.8	87.8	87.8	92.2	92.2	92.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1200		26.7	27.8	47.8	47.8	88.9	88.9	93.3	93.3	93.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000		26.7	27.8	47.8	47.8	88.9	90.0	94.4	94.4	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900		26.7	27.8	47.8	47.8	88.9	90.0	94.4	94.4	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 400		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 300		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 200		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 100		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 000		26.7	27.8	47.8	47.8	88.9	90.0	95.6	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: JUL HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	10.0	10.0	18.9	18.9	47.8	50.0	50.0	50.0	50.0	51.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 4500	10.0	10.0	18.9	18.9	48.9	51.1	52.2	52.2	52.2	53.3	54.4	54.4	54.4	54.4	54.4	54.4
GE 4000	13.3	13.3	22.2	22.2	53.3	55.6	56.7	56.7	56.7	57.8	58.9	58.9	58.9	58.9	58.9	58.9
GE 3500	13.3	13.3	22.2	22.2	54.4	56.7	57.8	57.8	57.8	58.9	60.0	60.0	60.0	60.0	60.0	60.0
GE 3000	20.0	20.0	32.2	32.2	68.9	71.1	72.2	72.2	72.2	73.3	74.4	74.4	74.4	74.4	74.4	74.4
GE 2500	21.1	21.1	33.3	33.3	73.3	75.6	76.7	77.8	77.8	80.0	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	23.3	24.4	36.7	36.7	78.9	81.1	82.2	83.3	83.3	88.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 1800	23.3	24.4	36.7	36.7	78.9	81.1	82.2	83.3	83.3	88.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	23.3	24.4	36.7	36.7	78.9	81.1	82.2	84.4	84.4	90.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	23.3	24.4	36.7	36.7	78.9	81.1	82.2	84.4	84.4	90.0	91.1	91.1	91.1	91.1	91.1	91.1
GE 1000	23.3	24.4	36.7	36.7	78.9	81.1	82.2	84.4	84.4	90.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 900	23.3	24.4	36.7	36.7	78.9	81.1	82.2	84.4	84.4	90.0	92.2	92.2	92.2	92.2	92.2	92.2
GE 800	23.3	24.4	36.7	36.7	78.9	81.1	82.2	87.8	87.8	93.3	95.6	95.6	95.6	95.6	95.6	95.6
GE 700	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 500	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	96.7	96.7	96.7	96.7
GE 400	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	98.9	98.9	100.0	100.0
GE 300	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	98.9	98.9	100.0	100.0
GE 200	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	98.9	98.9	100.0	100.0
GE 100	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	98.9	98.9	100.0	100.0
GE 000	23.3	24.4	36.7	36.7	78.9	81.1	83.3	88.9	88.9	94.4	96.7	96.7	98.9	98.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	3.3	3.3	16.7	16.7	42.2	43.3	44.4	45.6	45.6	45.6	46.7	46.7	47.8	47.8	48.9	50.0
GE 4500	3.3	3.3	16.7	16.7	42.2	43.3	44.4	45.6	45.6	45.6	46.7	46.7	47.8	47.8	48.9	50.0
GE 4000	3.3	3.3	16.7	16.7	44.4	45.6	46.7	47.8	47.8	47.8	48.9	48.9	50.0	50.0	51.1	52.2
GE 3500	3.3	3.3	16.7	16.7	45.6	46.7	47.8	48.9	48.9	48.9	50.0	50.0	51.1	51.1	52.2	53.3
GE 3000	6.7	6.7	20.0	20.0	52.2	53.3	54.4	55.6	55.6	55.6	56.7	56.7	57.8	57.8	58.9	60.0
GE 2500	12.2	12.2	26.7	26.7	60.0	62.2	63.3	64.4	64.4	64.4	65.6	65.6	66.7	66.7	67.8	68.9
GE 2000	16.7	16.7	31.1	31.1	64.4	66.7	67.8	68.9	68.9	68.9	71.1	71.1	74.4	74.4	75.6	76.7
GE 1800	16.7	16.7	31.1	31.1	64.4	66.7	67.8	68.9	68.9	68.9	71.1	71.1	74.4	74.4	75.6	76.7
GE 1500	16.7	16.7	31.1	31.1	64.4	66.7	72.2	74.4	74.4	74.4	77.8	77.8	81.1	81.1	82.2	83.3
GE 1200	16.7	16.7	31.1	31.1	64.4	66.7	72.2	74.4	74.4	74.4	77.8	77.8	81.1	81.1	82.2	83.3
GE 1000	16.7	16.7	31.1	31.1	65.6	67.8	73.3	75.6	76.7	77.8	81.1	81.1	84.4	84.4	85.6	86.7
GE 900	16.7	16.7	31.1	31.1	65.6	67.8	73.3	75.6	76.7	77.8	81.1	81.1	84.4	84.4	85.6	86.7
GE 800	16.7	16.7	31.1	31.1	65.6	67.8	73.3	75.6	76.7	77.8	81.1	81.1	84.4	84.4	85.6	86.7
GE 700	16.7	16.7	31.1	31.1	65.6	67.8	73.3	75.6	76.7	77.8	81.1	81.1	86.7	86.7	87.8	88.9
GE 600	16.7	16.7	31.1	31.1	65.6	67.8	73.3	76.7	77.8	78.9	82.2	84.4	90.0	90.0	91.1	92.2
GE 500	16.7	16.7	31.1	31.1	65.6	67.8	75.6	78.9	80.0	81.1	85.6	87.8	93.3	93.3	94.4	95.6
GE 400	16.7	16.7	31.1	31.1	65.6	67.8	75.6	78.9	80.0	82.2	86.7	90.0	96.7	96.7	98.9	100.0
GE 300	16.7	16.7	31.1	31.1	65.6	67.8	75.6	78.9	80.0	82.2	86.7	90.0	96.7	96.7	98.9	100.0
GE 200	16.7	16.7	31.1	31.1	65.6	67.8	75.6	78.9	80.0	82.2	86.7	90.0	96.7	96.7	98.9	100.0
GE 100	16.7	16.7	31.1	31.1	65.6	67.8	75.6	78.9	80.0	82.2	86.7	90.0	96.7	96.7	98.9	100.0
GE 000	16.7	16.7	31.1	31.1	65.6	67.8	75.6	78.9	80.0	82.2	86.7	90.0	96.7	96.7	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	17.2	17.2	24.1	24.1	46.6	50.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 4500	17.2	17.2	24.1	24.1	46.6	50.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 4000	17.2	17.2	24.1	24.1	48.3	51.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 3500	17.2	17.2	27.6	27.6	51.7	55.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 3000	17.2	17.2	34.5	34.5	58.6	62.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 2500	25.9	25.9	43.1	43.1	69.0	72.4	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 2000	27.6	27.6	44.8	44.8	70.7	74.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1800	27.6	27.6	44.8	44.8	70.7	74.1	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 1500	29.3	29.3	46.6	46.6	74.1	77.6	84.5	86.2	86.2	86.2	87.9	87.9	87.9	87.9	87.9	87.9
GE 1200	29.3	29.3	46.6	46.6	74.1	77.6	84.5	86.2	86.2	86.2	87.9	87.9	87.9	87.9	87.9	87.9
GE 1000	29.3	29.3	46.6	46.6	74.1	77.6	86.2	89.7	89.7	89.7	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	29.3	29.3	46.6	46.6	74.1	77.6	86.2	89.7	89.7	89.7	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	29.3	29.3	48.3	48.3	75.9	79.3	89.7	93.1	93.1	94.8	96.6	96.6	96.6	96.6	96.6	96.6
GE 700	29.3	29.3	48.3	48.3	75.9	79.3	89.7	93.1	93.1	94.8	96.6	96.6	96.6	96.6	96.6	96.6
GE 600	29.3	29.3	48.3	48.3	75.9	79.3	89.7	93.1	93.1	94.8	96.6	96.6	96.6	96.6	96.6	96.6
GE 500	29.3	29.3	48.3	48.3	75.9	79.3	89.7	94.8	94.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	29.3	29.3	48.3	48.3	75.9	79.3	89.7	94.8	94.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	29.3	29.3	48.3	48.3	75.9	79.3	89.7	94.8	94.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	29.3	29.3	48.3	48.3	75.9	79.3	89.7	94.8	94.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	29.3	29.3	48.3	48.3	75.9	79.3	89.7	94.8	94.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	29.3	29.3	48.3	48.3	75.9	79.3	89.7	94.8	94.8	96.6	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 58

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	13.8	13.8	29.9	29.9	42.5	42.5	44.8	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0	46.0
GE 4500	13.8	13.8	31.0	31.0	43.7	43.7	46.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 4000	16.1	16.1	34.5	34.5	47.1	47.1	49.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 3500	16.1	16.1	37.9	37.9	50.6	50.6	54.0	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 3000	24.1	24.1	56.3	56.3	70.1	71.3	74.7	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 2500	32.2	32.2	64.4	64.4	78.2	79.3	82.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	33.3	33.3	66.7	66.7	82.8	83.9	87.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1800	33.3	33.3	66.7	66.7	82.8	83.9	87.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	33.3	33.3	66.7	66.7	82.8	85.1	88.5	92.0	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1200	33.3	33.3	66.7	66.7	82.8	85.1	88.5	92.0	92.0	93.1	93.1	93.1	93.1	93.1	93.1	93.1
GE 1000	33.3	33.3	67.8	67.8	83.9	86.2	92.0	95.4	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 900	33.3	33.3	67.8	67.8	83.9	86.2	92.0	95.4	95.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 800	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	33.3	33.3	69.0	69.0	85.1	87.4	93.1	96.6	96.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000		34.5	34.5	46.0	46.0	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500		35.6	36.8	49.4	49.4	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 4000		41.4	42.5	58.6	58.6	69.0	69.0	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 3500		43.7	44.8	64.4	64.4	74.7	75.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000		47.1	48.3	67.8	67.8	82.8	83.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2500		51.7	52.9	72.4	72.4	88.5	89.7	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000		51.7	52.9	75.9	75.9	92.0	93.1	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1800		51.7	52.9	77.0	77.0	93.1	94.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4	95.4
GE 1500		54.0	55.2	80.5	80.5	96.6	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200		54.0	55.2	80.5	80.5	96.6	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000		54.0	55.2	81.6	81.6	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.2	41.4	60.9	60.9	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 4500	41.4	42.5	62.1	62.1	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	47.1	48.3	69.0	69.0	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	49.4	50.6	72.4	72.4	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 3000	52.9	54.0	77.0	77.0	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	55.2	56.3	82.8	82.8	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5	88.5
GE 2000	57.5	58.6	85.1	85.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1800	57.5	58.6	85.1	85.1	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 1500	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	58.6	59.8	87.4	87.4	97.7	97.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	58.6	59.8	87.4	87.4	97.7	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	58.6	59.8	87.4	87.4	97.7	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	58.6	59.8	87.4	87.4	97.7	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	58.6	59.8	87.4	87.4	97.7	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	58.6	59.8	87.4	87.4	97.7	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	58.6	59.8	87.4	87.4	97.7	97.7	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	23.0	23.0	56.3	56.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	23.0	23.0	56.3	56.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	23.0	23.0	57.5	57.5	72.4	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3500	23.0	23.0	57.5	57.5	72.4	72.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 3000	26.4	26.4	62.1	62.1	80.5	80.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2500	27.6	27.6	63.2	63.2	82.8	82.8	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
GE 2000	27.6	27.6	63.2	63.2	85.1	85.1	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 1800	27.6	27.6	63.2	63.2	85.1	87.4	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
GE 1500	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	27.6	27.6	63.2	63.2	90.8	94.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 87

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	19.7	20.0	36.2	36.2	53.7	54.4	55.3	55.6	55.6	55.8	56.1	56.1	56.2	56.2	56.4	56.5
GE 4500	20.0	20.4	37.0	37.0	54.6	55.3	56.4	56.7	56.7	56.8	57.1	57.1	57.2	57.2	57.4	57.5
GE 4000	22.6	23.1	40.5	40.5	60.2	60.9	62.7	63.0	63.0	63.2	63.5	63.5	63.6	63.6	63.8	63.9
GE 3500	23.5	24.0	42.8	42.8	62.9	63.8	65.7	66.0	66.0	66.1	66.4	66.4	66.6	66.6	66.7	66.9
GE 3000	28.0	28.4	50.1	50.1	72.6	73.7	75.9	76.3	76.3	76.5	76.8	76.8	76.9	76.9	77.1	77.2
GE 2500	31.7	32.1	54.4	54.4	78.6	79.7	82.0	82.5	82.5	82.8	83.1	83.1	83.3	83.3	83.4	83.6
GE 2000	33.1	33.7	56.7	56.7	82.0	83.1	85.4	85.9	85.9	87.0	87.4	87.4	87.9	87.9	88.0	88.2
GE 1800	33.1	33.7	56.8	56.8	82.2	83.7	85.9	86.5	86.5	87.6	88.0	88.0	88.5	88.5	88.6	88.8
GE 1500	33.7	34.3	57.7	57.7	84.5	86.2	89.8	91.0	91.0	92.2	92.9	92.9	93.3	93.3	93.5	93.6
GE 1200	33.7	34.3	57.7	57.7	84.6	86.4	89.9	91.1	91.1	92.3	93.0	93.0	93.5	93.5	93.6	93.8
GE 1000	33.7	34.3	58.0	58.0	85.1	87.0	91.0	92.3	92.5	93.8	94.7	94.7	95.1	95.1	95.3	95.4
GE 900	33.7	34.3	58.0	58.0	85.1	87.0	91.0	92.3	92.5	93.8	94.7	94.7	95.1	95.1	95.3	95.4
GE 800	33.7	34.3	58.3	58.3	85.4	87.3	91.6	93.5	93.6	95.4	96.3	96.3	96.7	96.7	96.9	97.0
GE 700	33.7	34.3	58.3	58.3	85.4	87.3	91.7	93.6	93.8	95.6	96.4	96.4	97.2	97.2	97.3	97.5
GE 600	33.7	34.3	58.3	58.3	85.4	87.3	91.7	93.8	93.9	95.7	96.6	96.9	97.6	97.6	97.8	97.9
GE 500	33.7	34.3	58.3	58.3	85.4	87.3	92.0	94.4	94.5	96.3	97.5	97.8	98.5	98.5	98.7	98.8
GE 400	33.7	34.3	58.3	58.3	85.4	87.3	92.0	94.4	94.5	96.4	97.6	98.1	99.4	99.4	99.9	100.0
GE 300	33.7	34.3	58.3	58.3	85.4	87.3	92.0	94.4	94.5	96.4	97.6	98.1	99.4	99.4	99.9	100.0
GE 200	33.7	34.3	58.3	58.3	85.4	87.3	92.0	94.4	94.5	96.4	97.6	98.1	99.4	99.4	99.9	100.0
GE 100	33.7	34.3	58.3	58.3	85.4	87.3	92.0	94.4	94.5	96.4	97.6	98.1	99.4	99.4	99.9	100.0
GE 000	33.7	34.3	58.3	58.3	85.4	87.3	92.0	94.4	94.5	96.4	97.6	98.1	99.4	99.4	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 676

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: AUG HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	37.6	44.1	63.4	63.4	69.9	72.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	37.6	44.1	63.4	63.4	69.9	72.0	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	37.6	44.1	63.4	63.4	73.1	75.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3500	37.6	44.1	63.4	63.4	73.1	75.3	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 3000	37.6	44.1	63.4	63.4	74.2	76.3	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 2500	37.6	44.1	63.4	63.4	77.4	79.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 2000	37.6	44.1	63.4	63.4	77.4	79.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1800	37.6	44.1	63.4	63.4	77.4	79.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 1500	38.7	45.2	65.6	65.6	79.6	81.7	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 1200	38.7	45.2	65.6	65.6	79.6	81.7	86.0	86.0	86.0	88.2	91.4	91.4	91.4	91.4	91.4	91.4
GE 1000	41.9	48.4	68.8	68.8	82.8	84.9	89.2	89.2	89.2	91.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	41.9	48.4	68.8	68.8	82.8	84.9	89.2	89.2	89.2	91.4	94.6	94.6	94.6	94.6	94.6	94.6
GE 800	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	94.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 700	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	94.6	97.8	97.8	97.8	97.8	97.8	97.8
GE 600	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	100.0
GE 000	41.9	48.4	68.8	68.8	82.8	84.9	89.2	90.3	92.5	95.7	98.9	98.9	98.9	98.9	98.9	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: AUG HOURS: 03-05

CEILING		VISIBILITY IN METERS														
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
.....																
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	39.8	45.2	54.8	54.8	63.4	63.4	65.6	66.7	66.7	67.7	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	39.8	45.2	54.8	54.8	63.4	63.4	65.6	66.7	66.7	67.7	69.9	69.9	69.9	69.9	69.9	69.9
GE 4000	39.8	45.2	54.8	54.8	63.4	63.4	65.6	66.7	66.7	67.7	69.9	69.9	69.9	69.9	69.9	69.9
GE 3500	39.8	45.2	54.8	54.8	63.4	63.4	65.6	66.7	66.7	67.7	69.9	69.9	69.9	69.9	69.9	69.9
GE 3000	39.8	45.2	54.8	54.8	68.8	68.8	72.0	73.1	73.1	74.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 2500	41.9	47.3	58.1	58.1	72.0	72.0	75.3	76.3	76.3	77.4	79.6	79.6	79.6	79.6	79.6	79.6
GE 2000	41.9	47.3	58.1	58.1	74.2	74.2	77.4	78.5	78.5	79.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1800	41.9	47.3	58.1	58.1	74.2	74.2	77.4	78.5	78.5	79.6	81.7	81.7	81.7	81.7	81.7	81.7
GE 1500	41.9	47.3	58.1	58.1	75.3	75.3	78.5	79.6	79.6	80.6	82.8	82.8	82.8	82.8	82.8	82.8
GE 1200	41.9	47.3	58.1	58.1	75.3	75.3	80.6	81.7	81.7	82.8	87.1	88.2	88.2	88.2	88.2	88.2
GE 1000	41.9	47.3	58.1	58.1	75.3	76.3	81.7	82.8	82.8	83.9	88.2	89.2	89.2	89.2	89.2	89.2
GE 900	41.9	47.3	58.1	58.1	75.3	76.3	81.7	82.8	82.8	83.9	88.2	89.2	89.2	89.2	89.2	89.2
GE 800	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	86.0	90.3	91.4	91.4	91.4	91.4	91.4
GE 700	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	87.1	91.4	92.5	92.5	92.5	92.5	92.5
GE 600	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	95.7	95.7	95.7	95.7	95.7
GE 500	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	95.7	95.7	95.7	95.7	95.7
GE 400	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	95.7	95.7	95.7	95.7	95.7
GE 300	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	95.7	95.7	95.7	95.7	95.7
GE 200	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	97.8	97.8	98.9	98.9	98.9
GE 100	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	97.8	97.8	98.9	98.9	100.0
GE 000	41.9	47.3	58.1	58.1	75.3	76.3	81.7	83.9	83.9	90.3	94.6	97.8	97.8	98.9	98.9	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.1	45.2	55.9	55.9	58.1	58.1	58.1	58.1	58.1	58.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4500	44.1	45.2	55.9	55.9	58.1	58.1	58.1	58.1	58.1	58.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 4000	45.2	46.2	58.1	58.1	60.2	60.2	60.2	60.2	60.2	60.2	61.3	61.3	61.3	61.3	61.3	61.3
GE 3500	46.2	47.3	60.2	60.2	62.4	62.4	62.4	62.4	62.4	62.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 3000	49.5	50.5	65.6	65.6	69.9	71.0	72.0	72.0	72.0	72.0	74.2	74.2	74.2	74.2	74.2	74.2
GE 2500	49.5	50.5	65.6	65.6	69.9	73.1	74.2	74.2	74.2	74.2	76.3	76.3	76.3	76.3	76.3	76.3
GE 2000	49.5	50.5	66.7	66.7	71.0	71.2	75.3	76.3	76.3	76.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 1800	49.5	50.5	66.7	66.7	71.0	74.2	75.3	76.3	76.3	76.3	78.5	78.5	78.5	78.5	78.5	78.5
GE 1500	49.5	50.5	67.7	67.7	72.0	75.3	76.3	77.4	78.5	78.5	81.7	81.7	81.7	81.7	81.7	81.7
GE 1200	49.5	50.5	67.7	67.7	72.0	75.3	76.3	77.4	78.5	80.6	88.2	88.2	88.2	88.2	88.2	88.2
GE 1000	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	83.9	91.4	91.4	91.4	91.4	91.4	91.4
GE 900	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	83.9	91.4	91.4	91.4	91.4	91.4	91.4
GE 800	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	83.9	91.4	92.5	92.5	92.5	92.5	92.5
GE 700	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	83.9	91.4	93.5	93.5	93.5	93.5	93.5
GE 600	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	92.5	94.6	94.6	94.6	94.6	94.6
GE 500	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	92.5	94.6	94.6	94.6	94.6	94.6
GE 400	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	94.6	96.8	98.9	98.9	98.9	98.9
GE 300	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	94.6	97.8	100.0	100.0	100.0	100.0
GE 200	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	94.6	97.8	100.0	100.0	100.0	100.0
GE 100	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	94.6	97.8	100.0	100.0	100.0	100.0
GE 000	50.5	51.6	69.9	69.9	74.2	77.4	78.5	79.6	80.6	84.9	94.6	97.8	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	54.8	56.5	58.1	58.1	61.3	61.3	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4500	54.8	56.5	58.1	58.1	61.3	61.3	61.3	62.9	64.5	64.5	64.5	64.5	64.5	64.5	64.5	64.5
GE 4000	59.7	61.3	62.9	62.9	66.1	66.1	66.1	67.7	69.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	64.5	66.1	67.7	67.7	71.0	71.0	71.0	75.8	77.4	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 3000	66.1	67.7	69.4	69.4	74.2	74.2	75.8	82.3	83.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2500	66.1	67.7	69.4	69.4	74.2	74.2	75.8	82.3	83.9	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 2000	66.1	67.7	69.4	69.4	74.2	75.8	80.6	88.7	90.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	66.1	67.7	69.4	69.4	74.2	75.8	80.6	88.7	90.3	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	66.1	67.7	69.4	69.4	74.2	75.8	82.3	90.3	91.9	93.5	95.2	95.2	95.2	95.2	95.2	95.2
GE 1200	66.1	67.7	69.4	69.4	74.2	75.8	82.3	90.3	93.5	95.2	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	66.1	67.7	69.4	69.4	74.2	75.8	82.3	90.3	93.5	95.2	96.8	96.8	96.8	96.8	96.8	96.8
GE 900	66.1	67.7	69.4	69.4	74.2	75.8	82.3	90.3	93.5	95.2	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	66.1	67.7	69.4	69.4	74.2	75.8	82.3	90.3	93.5	95.2	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	66.1	67.7	69.4	69.4	74.2	75.8	82.3	90.3	93.5	95.2	96.8	96.8	96.8	96.8	96.8	96.8
GE 600	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.1	67.7	69.4	69.4	77.4	79.0	85.5	93.5	96.8	98.4	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 62

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	51.6	54.8	60.2	60.2	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4500	51.6	54.8	60.2	60.2	66.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 4000	53.8	57.0	62.4	62.4	68.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 3500	59.1	62.4	67.7	67.7	76.3	78.5	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6	79.6
GE 3000	63.4	66.7	72.0	72.0	80.6	82.8	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	63.4	66.7	73.1	73.1	84.9	88.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 2000	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1500	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1000	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 900	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 800	63.4	66.7	73.1	73.1	87.1	90.3	94.6	94.6	94.6	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	63.4	66.7	73.1	73.1	88.2	91.4	95.7	95.7	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	63.4	66.7	73.1	73.1	88.2	91.4	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	58.1	59.1	66.7	66.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	59.1	60.2	67.7	67.7	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 4000	60.2	61.3	68.8	68.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	64.5	65.6	74.2	74.2	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	67.7	68.8	79.6	79.6	86.0	86.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	67.7	68.8	79.6	79.6	88.2	88.2	92.5	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 2000	67.7	68.8	79.6	79.6	88.2	88.2	92.5	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1800	69.9	71.0	81.7	81.7	90.3	90.3	94.6	94.6	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 1500	71.0	72.0	82.8	82.8	91.4	91.4	95.7	95.7	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1200	71.0	72.0	82.8	82.8	91.4	91.4	95.7	95.7	95.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1000	72.0	73.1	83.9	83.9	92.5	92.5	96.8	96.8	96.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 900	72.0	73.1	83.9	83.9	92.5	92.5	96.8	96.8	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	72.0	73.1	83.9	83.9	92.5	92.5	96.8	96.8	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	72.0	73.1	84.9	84.9	93.5	93.5	97.8	97.8	97.8	100.0	100.0	100.0	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	53.8	58.1	64.5	64.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4500	53.8	58.1	64.5	64.5	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 4000	55.9	60.2	66.7	66.7	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3500	57.0	61.3	69.9	69.9	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3000	61.3	65.6	76.3	76.3	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	61.3	65.6	76.3	76.3	87.1	87.1	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 2000	61.3	65.6	78.5	78.5	89.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	61.3	65.6	78.5	78.5	89.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1500	62.4	66.7	80.6	80.6	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1200	62.4	66.7	80.6	80.6	94.6	94.6	95.7	95.7	95.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	62.4	66.7	80.6	80.6	94.6	94.6	95.7	95.7	95.7	97.8	97.8	97.8	98.9	98.9	98.9	98.9
GE 900	62.4	66.7	80.6	80.6	94.6	94.6	95.7	95.7	95.7	97.8	97.8	97.8	98.9	98.9	98.9	98.9
GE 800	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 700	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 600	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 500	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 400	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 300	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 200	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 100	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	100.0
GE 000	62.4	66.7	80.6	80.6	95.7	95.7	96.8	96.8	96.8	98.9	98.9	98.9	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	45.2	51.6	64.5	64.5	77.4	79.6	81.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4500	45.2	51.6	64.5	64.5	77.4	79.6	81.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 4000	45.2	51.6	64.5	64.5	77.4	79.6	81.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3500	45.2	51.6	65.6	65.6	79.6	81.7	83.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 3000	45.2	51.6	66.7	66.7	80.6	82.8	84.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	45.2	51.6	66.7	66.7	82.8	84.9	87.1	89.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 2000	45.2	51.6	66.7	66.7	82.8	84.9	87.1	89.2	89.2	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 1800	45.2	51.6	66.7	66.7	86.0	88.2	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1500	45.2	51.6	66.7	66.7	86.0	88.2	90.3	92.5	92.5	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 1200	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	45.2	51.6	66.7	66.7	87.1	89.2	91.4	93.5	93.5	98.9	100.0	100.0	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	47.8	51.6	61.2	61.2	68.0	68.9	69.8	70.4	70.5	70.7	71.1	71.1	71.1	71.1	71.1	71.1
GE 4500	48.0	51.8	61.3	61.3	68.3	69.1	70.1	70.7	70.8	71.0	71.4	71.4	71.4	71.4	71.4	71.4
GE 4000	49.2	53.0	62.7	62.7	70.3	71.1	72.1	72.7	72.8	73.1	73.5	73.5	73.5	73.5	73.5	73.5
GE 3500	51.2	55.0	65.4	65.4	73.5	74.3	75.5	76.3	76.4	76.7	77.1	77.1	77.1	77.1	77.1	77.1
GE 3000	53.3	57.1	68.4	68.4	77.8	78.8	80.9	81.9	82.0	82.3	82.9	82.9	82.9	82.9	82.9	82.9
GE 2500	53.6	57.4	69.0	69.0	79.8	81.2	83.9	84.9	85	85.6	86.1	86.1	86.1	86.1	86.1	86.1
GE 2000	53.6	57.4	69.4	69.4	80.8	82.3	85.3	86.5	86.5	87.2	87.8	87.8	87.8	87.8	87.8	87.8
GE 1800	53.9	57.6	69.7	69.7	81.5	83.0	86.0	87.2	87.4	87.9	88.5	88.5	88.5	88.5	88.5	88.5
GE 1500	54.3	58.1	70.5	70.5	82.7	84.3	87.4	88.6	88.9	89.5	90.3	90.3	90.3	90.3	90.3	90.3
GE 1200	54.3	58.1	70.5	70.5	83.0	84.6	88.1	89.3	89.8	91.7	94.0	94.1	94.1	94.1	94.1	94.1
GE 1000	55.0	58.8	71.4	71.4	83.9	85.6	89.1	90.3	90.7	92.8	95.1	95.2	95.4	95.4	95.4	95.4
GE 900	55.0	58.8	71.4	71.4	83.9	85.6	89.1	90.3	90.7	93.3	95.5	95.7	95.8	95.8	95.8	95.8
GE 800	55.0	58.8	71.4	71.4	84.0	85.7	89.2	90.7	91.4	94.1	96.4	96.6	96.8	96.8	96.8	96.8
GE 700	55.0	58.8	71.5	71.5	84.3	86.0	89.5	91.0	91.7	94.7	96.9	97.3	97.5	97.5	97.5	97.5
GE 600	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.0	98.5	98.6	98.6	98.6	98.6
GE 500	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.0	98.5	98.6	98.6	98.6	98.6
GE 400	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.3	98.7	99.2	99.2	99.2	99.2
GE 300	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.3	98.9	99.3	99.3	99.3	99.3
GE 200	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.3	99.2	99.6	99.7	99.7	99.7
GE 100	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.3	99.2	99.6	99.7	99.7	100.0
GE 000	55.0	58.8	71.5	71.5	84.6	86.3	89.9	91.4	92.1	95.8	98.3	99.2	99.6	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: SEP HOURS: 00-02

CEILING		VISIBILITY IN METERS														
IN	FEET	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
		112	90	80	60	48	40	32	24	20	16	12	10	08	06	04
.....																
NO CEIL																
GE	20000															
GE	18000															
GE	16000															
GE	14000															
GE	12000															
GE	10000															
GE	9000															
GE	8000															
GE	7000															
GE	6000															
GE	5000	25.6	27.8	40.0	40.0	64.4	64.4	71.1	75.6	76.7	77.8	78.9	78.9	78.9	78.9	78.9
GE	4500	27.8	30.0	42.2	42.2	67.8	67.8	74.4	78.9	80.0	81.1	82.2	82.2	82.2	82.2	82.2
GE	4000	32.2	34.4	46.7	46.7	73.3	73.3	80.0	84.4	85.6	86.7	87.8	87.8	87.8	87.8	87.8
GE	3500	32.2	34.4	46.7	46.7	73.3	73.3	80.0	84.4	85.6	86.7	87.8	87.8	87.8	87.8	87.8
GE	3000	32.2	34.4	47.8	47.8	76.7	76.7	83.3	87.8	88.9	90.0	91.1	91.1	91.1	91.1	91.1
GE	2500	32.2	34.4	48.9	48.9	78.9	78.9	85.6	90.0	91.1	92.2	93.3	93.3	93.3	93.3	93.3
GE	2000	32.2	34.4	48.9	48.9	80.0	80.0	86.7	91.1	92.2	94.4	96.7	96.7	96.7	96.7	96.7
GE	1800	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	96.7	98.9	98.9	98.9	98.9	98.9
GE	1500	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	1200	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	1000	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	900	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	800	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	700	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	600	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	500	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	400	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	300	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	200	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	100	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0
GE	000	32.2	34.4	48.9	48.9	82.2	82.2	88.9	93.3	94.4	97.8	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: SEP HOURS: 03-05

CEILING		VISIBILITY IN METERS															
IN	FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE	5000	18.9	20.0	33.3	33.3	50.0	50.0	55.6	61.1	61.1	66.7	71.1	71.1	74.4	74.4	75.6	81.1
GE	4500	20.0	21.1	34.4	34.4	51.1	51.1	56.7	62.2	62.2	67.8	72.2	72.2	75.6	75.6	76.7	82.2
GE	4000	20.0	21.1	34.4	34.4	52.2	52.2	57.8	63.3	63.3	68.9	73.3	73.3	76.7	76.7	77.8	83.3
GE	3500	20.0	21.1	35.6	35.6	53.3	53.3	58.9	64.4	64.4	70.0	74.4	74.4	77.8	77.8	78.9	84.4
GE	3000	23.3	24.4	38.9	38.9	61.1	61.1	68.9	74.4	74.4	80.0	84.4	84.4	87.8	87.8	88.9	94.4
GE	2500	23.3	24.4	38.9	38.9	61.1	61.1	68.9	74.4	74.4	80.0	84.4	84.4	87.8	87.8	88.9	94.4
GE	2000	23.3	24.4	38.9	38.9	61.1	61.1	68.9	75.6	75.6	81.1	86.7	86.7	90.0	90.0	91.1	96.7
GE	1800	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	1500	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	1200	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	1000	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	900	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	800	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	700	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	600	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	500	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	400	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	300	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	200	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	100	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0
GE	000	23.3	24.4	38.9	38.9	63.3	63.3	71.1	77.8	77.8	83.3	90.0	90.0	93.3	93.3	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	24.4	25.6	31.1	31.1	47.8	47.8	48.9	53.3	53.3	55.6	60.0	60.0	62.2	62.2	62.2	71.1
GE 4500	24.4	25.6	31.1	31.1	47.8	47.8	48.9	53.3	53.3	55.6	60.0	60.0	62.2	62.2	62.2	71.1
GE 4000	26.7	27.8	33.3	33.3	51.1	51.1	52.2	56.7	56.7	58.9	63.3	63.3	65.6	65.6	65.6	74.4
GE 3500	26.7	27.8	34.4	34.4	55.6	55.6	56.7	61.1	61.1	63.3	67.8	67.8	70.0	70.0	70.0	78.9
GE 3000	26.7	27.8	34.4	34.4	57.8	57.8	58.9	63.3	63.3	65.6	70.0	70.0	72.2	72.2	72.2	81.1
GE 2500	26.7	27.8	34.4	34.4	57.8	57.8	58.9	64.4	64.4	66.7	71.1	71.1	73.3	73.3	73.3	82.2
GE 2000	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 1800	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 1500	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 1200	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 1000	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 900	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 800	26.7	27.8	34.4	34.4	57.8	58.9	60.0	66.7	66.7	68.9	76.7	76.7	78.9	78.9	78.9	87.8
GE 700	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	81.1	90.0
GE 600	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	81.1	90.0
GE 500	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	81.1	90.0
GE 400	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	81.1	90.0
GE 300	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	81.1	91.1
GE 200	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	82.2	92.2
GE 100	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	82.2	100.0
GE 000	26.7	27.8	34.4	34.4	57.8	58.9	62.2	68.9	68.9	71.1	78.9	78.9	81.1	81.1	82.2	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	50.0	51.7	61.7	61.7	78.3	78.3	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 4500	50.0	51.7	61.7	61.7	80.0	80.0	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7	81.7
GE 4000	50.0	51.7	61.7	61.7	85.0	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3500	50.0	51.7	61.7	61.7	85.0	86.7	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	50.0	51.7	61.7	61.7	88.3	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	50.0	51.7	61.7	61.7	88.3	90.0	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 900	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 800	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 700	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 500	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 400	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 300	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 200	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 100	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	100.0
GE 000	50.0	51.7	61.7	61.7	90.0	91.7	95.0	96.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 60

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	64.4	66.7	81.1	81.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4500	64.4	66.7	81.1	81.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 4000	67.8	70.0	84.4	84.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3500	67.8	70.0	84.4	84.4	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 3000	67.8	70.0	84.4	84.4	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2500	67.8	70.0	84.4	84.4	95.6	95.6	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	67.8	70.0	84.4	84.4	95.6	95.6	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	67.8	70.0	84.4	84.4	95.6	95.6	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1500	67.8	70.0	84.4	84.4	95.6	95.6	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1200	67.8	70.0	84.4	84.4	95.6	95.6	96.7	96.7	96.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	67.8	70.0	84.4	84.4	96.7	96.7	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	64.4	65.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	64.4	65.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	71.1	72.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
GE 3500	73.3	74.4	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 3000	76.7	77.8	90.0	90.0	90.0	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	76.7	77.8	90.0	90.0	90.0	91.1	91.1	91.1	91.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 2000	76.7	77.8	90.0	90.0	90.0	91.1	91.1	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1800	76.7	77.8	90.0	90.0	90.0	91.1	91.1	93.3	93.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 1500	76.7	77.8	90.0	90.0	90.0	91.1	91.1	95.6	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1200	76.7	77.8	90.0	90.0	90.0	91.1	91.1	95.6	95.6	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	76.7	77.8	90.0	90.0	91.1	92.2	92.2	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	76.7	77.8	90.0	90.0	91.1	92.2	92.2	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	76.7	77.8	90.0	90.0	91.1	92.2	92.2	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	76.7	77.8	90.0	90.0	91.1	92.2	92.2	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	76.7	77.8	90.0	90.0	92.2	93.3	93.3	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.....																	

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	63.3	63.3	83.3	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4500	63.3	63.3	83.3	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 4000	67.8	67.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3500	67.8	67.8	87.8	87.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 3000	70.0	70.0	93.3	93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	70.0	70.0	93.3	93.3	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	71.1	71.1	94.4	94.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	71.1	71.1	94.4	94.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	71.1	71.1	94.4	94.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	71.1	71.1	94.4	94.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	71.1	71.1	94.4	94.4	98.9	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	38.9	40.0	71.1	71.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4500	38.9	40.0	71.1	71.1	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 4000	43.3	44.4	76.7	76.7	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 3500	43.3	44.4	76.7	76.7	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 3000	43.3	44.4	76.7	76.7	92.2	92.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 2500	43.3	44.4	77.8	77.8	95.6	95.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 2000	43.3	44.4	77.8	77.8	95.6	95.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	43.3	44.4	77.8	77.8	95.6	95.6	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	43.3	44.4	77.8	77.8	95.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	43.3	44.4	77.8	77.8	96.7	96.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	43.5	44.8	59.6	59.6	71.3	71.3	73.2	75.1	75.2	76.4	77.7	77.7	78.4	78.4	78.6	80.4
GE 4500	43.9	45.2	60.0	60.0	72.0	72.0	73.9	75.8	75.9	77.1	78.4	78.4	79.1	79.1	79.3	81.2
GE 4000	47.2	48.6	63.6	63.6	77.1	77.1	79.0	80.9	81.0	82.2	83.5	83.5	84.2	84.2	84.3	86.2
GE 3500	47.5	48.8	64.3	64.3	78.3	78.4	80.3	82.2	82.3	83.5	84.8	84.8	85.5	85.5	85.7	87.5
GE 3000	48.7	50.0	66.1	66.1	81.9	82.2	84.9	86.8	87.0	88.1	89.4	89.4	90.1	90.1	90.3	92.2
GE 2500	48.7	50.0	66.4	66.4	82.9	83.2	85.9	88.0	88.1	89.6	90.9	90.9	91.6	91.6	91.7	93.6
GE 2000	48.8	50.1	66.5	66.5	83.3	83.8	86.7	89.4	89.6	91.2	93.2	93.2	93.9	93.9	94.1	95.9
GE 1800	48.8	50.1	66.5	66.5	83.9	84.3	87.2	90.0	90.1	91.3	93.9	93.9	94.6	94.6	94.8	96.7
GE 1500	48.8	50.1	66.5	66.5	84.1	84.5	87.4	90.4	90.6	92.3	94.5	94.5	95.2	95.2	95.4	97.2
GE 1200	48.8	50.1	66.5	66.5	84.1	84.5	87.4	90.4	90.6	92.3	94.5	94.5	95.2	95.2	95.4	97.2
GE 1000	48.8	50.1	66.5	66.5	84.3	84.8	87.8	91.2	91.3	93.0	95.2	95.2	95.9	95.9	96.1	98.0
GE 900	48.8	50.1	66.5	66.5	84.3	84.8	87.8	91.2	91.3	93.0	95.2	95.2	95.9	95.9	96.1	98.0
GE 800	48.8	50.1	66.5	66.5	84.3	84.8	87.8	91.2	91.3	93.0	95.2	95.2	95.9	95.9	96.1	98.0
GE 700	48.8	50.1	66.5	66.5	84.3	84.8	88.1	91.4	91.6	93.3	95.5	95.5	96.2	96.2	96.4	98.3
GE 600	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.7	98.6
GE 500	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.7	98.6
GE 400	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.7	98.6
GE 300	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.7	98.7
GE 200	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.8	98.8
GE 100	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.8	100.0
GE 000	48.8	50.1	66.5	66.5	84.5	84.9	88.3	91.6	91.9	93.6	95.8	95.8	96.5	96.5	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 690

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: OCT HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 13000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	31.2	32.3	53.8	53.8	71.0	71.0	72.0	73.1	74.2	75.3	78.5	78.5	79.6	79.6	79.6	80.6
GE 4500	31.2	32.3	54.8	54.8	72.0	72.0	73.1	74.2	75.3	76.3	79.6	79.6	80.6	80.6	80.6	81.7
GE 4000	31.2	32.3	54.8	54.8	72.0	72.0	73.1	74.2	75.3	76.3	80.6	80.6	81.7	81.7	81.7	82.8
GE 3500	31.2	32.3	54.8	54.8	72.0	72.0	73.1	74.2	75.3	76.3	80.6	80.6	81.7	81.7	81.7	82.8
GE 3000	31.2	32.3	54.8	54.8	73.1	73.1	74.2	75.3	76.3	77.4	81.7	81.7	82.8	82.8	82.8	83.9
GE 2500	31.2	32.3	54.8	54.8	73.1	73.1	74.2	75.3	76.3	77.4	81.7	81.7	82.8	82.8	82.8	83.9
GE 2000	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	86.0	86.0	86.0	87.1
GE 1800	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	86.0	86.0	86.0	87.1
GE 1500	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	86.0	86.0	86.0	87.1
GE 1200	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	86.0	86.0	86.0	87.1
GE 1000	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 900	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 800	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 700	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 600	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 500	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 400	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 300	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 200	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	87.1	88.2
GE 100	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	88.2	100.0
GE 000	31.2	32.3	54.8	54.8	76.3	76.3	77.4	78.5	79.6	80.6	84.9	84.9	87.1	87.1	88.2	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: OCT HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	18.3	18.3	40.9	40.9	57.0	58.1	63.4	65.6	65.6	66.7	66.7	66.7	67.7	67.7	67.7	74.2
GE 4500	18.3	18.3	40.9	40.9	58.1	59.1	64.5	66.7	66.7	67.7	67.7	67.7	68.8	68.8	68.8	75.3
GE 4000	18.3	18.3	40.9	40.9	58.1	59.1	64.5	66.7	66.7	67.7	67.7	67.7	68.8	68.8	68.8	75.3
GE 3500	18.3	18.3	40.9	40.9	59.1	60.2	65.6	67.7	67.7	68.8	69.9	69.9	71.0	71.0	71.0	77.4
GE 3000	18.3	18.3	40.9	40.9	59.1	60.2	65.6	68.8	68.8	69.9	71.0	71.0	72.0	72.0	72.0	78.5
GE 2500	18.3	18.3	40.9	40.9	59.1	60.2	65.6	68.8	68.8	71.0	72.0	72.0	73.1	73.1	73.1	79.6
GE 2000	18.3	18.3	40.9	40.9	59.1	62.4	67.7	71.0	71.0	73.1	74.2	74.2	75.3	75.3	75.3	81.7
GE 1800	18.3	18.3	40.9	40.9	59.1	62.4	67.7	71.0	71.0	73.1	74.2	74.2	75.3	75.3	75.3	81.7
GE 1500	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	76.3	76.3	76.3	82.8
GE 1200	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	76.3	76.3	76.3	82.8
GE 1000	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 900	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 800	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 700	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 600	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 500	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 400	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 300	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	77.4	83.9
GE 200	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	78.5	84.9
GE 100	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	78.5	100.0
GE 000	18.3	18.3	40.9	40.9	59.1	63.4	68.8	72.0	72.0	74.2	75.3	75.3	77.4	77.4	78.5	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	12.9	12.9	25.8	25.8	40.9	41.9	43.0	49.5	49.5	50.5	55.9	55.9	55.9	55.9	57.0	59.1
GE 4500	12.9	12.9	25.8	25.8	40.9	41.9	44.1	50.5	50.5	51.6	57.0	57.0	57.0	57.0	58.1	60.2
GE 4000	12.9	12.9	25.8	25.8	40.9	41.9	44.1	50.5	51.6	52.7	58.1	58.1	58.1	58.1	59.1	61.3
GE 3500	12.9	12.9	28.0	28.0	43.0	44.1	47.3	54.8	55.9	57.0	63.4	63.4	63.4	63.4	64.5	66.7
GE 3000	12.9	12.9	28.0	28.0	43.0	44.1	48.4	57.0	58.1	59.1	67.7	67.7	67.7	67.7	68.8	71.0
GE 2500	12.9	12.9	28.0	28.0	43.0	44.1	48.4	57.0	58.1	59.1	67.7	67.7	67.7	67.7	68.8	71.0
GE 2000	12.9	12.9	29.0	29.0	45.2	46.2	50.5	59.1	60.2	61.3	69.9	69.9	69.9	69.9	71.0	73.1
GE 1800	12.9	12.9	29.0	29.0	45.2	46.2	50.5	59.1	60.2	61.3	69.9	69.9	69.9	69.9	71.0	73.1
GE 1500	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	74.2	74.2	74.2	74.2	75.3	77.4
GE 1200	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	74.2	74.2	74.2	74.2	75.3	77.4
GE 1000	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	74.2	74.2	74.2	74.2	75.3	77.4
GE 900	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	76.3	78.5
GE 800	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	76.3	78.5
GE 700	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	76.3	78.5
GE 600	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	76.3	78.5
GE 500	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	77.4	79.6
GE 400	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	77.4	79.6
GE 300	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	77.4	79.6
GE 200	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	77.4	82.8
GE 100	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	78.5	100.0
GE 000	15.1	15.1	31.2	31.2	49.5	50.5	54.8	63.4	64.5	65.6	75.3	75.3	75.3	75.3	78.5	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	50.0	50.0	56.5	56.5	71.0	71.0	74.2	75.8	77.4	80.6	80.6	82.3	82.3	82.3	82.3	82.3
GE 4500	50.0	50.0	56.5	56.5	71.0	71.0	74.2	75.8	77.4	80.6	80.6	82.3	82.3	82.3	82.3	82.3
GE 4000	50.0	50.0	58.1	58.1	72.6	72.6	75.8	77.4	79.0	83.9	83.9	85.5	85.5	85.5	85.5	85.5
GE 3500	50.0	50.0	61.3	61.3	75.8	75.8	79.0	80.6	82.3	87.1	87.1	88.7	88.7	88.7	88.7	88.7
GE 3000	50.0	50.0	62.9	62.9	77.4	79.0	82.3	83.9	85.5	90.3	90.3	91.9	91.9	91.9	91.9	91.9
GE 2500	50.0	50.0	62.9	62.9	77.4	79.0	82.3	83.9	85.5	90.3	90.3	91.9	91.9	91.9	91.9	91.9
GE 2000	50.0	50.0	62.9	62.9	77.4	80.6	83.9	85.5	87.1	91.9	91.9	93.5	93.5	93.5	93.5	93.5
GE 1800	50.0	50.0	62.9	62.9	77.4	80.6	83.9	85.5	87.1	91.9	91.9	93.5	93.5	93.5	93.5	93.5
GE 1500	50.0	50.0	62.9	62.9	77.4	80.6	83.9	85.5	87.1	91.9	91.9	93.5	93.5	93.5	93.5	93.5
GE 1200	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	88.7	93.5	93.5	95.2	95.2	95.2	95.2	95.2
GE 1000	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	88.7	93.5	93.5	95.2	95.2	95.2	95.2	95.2
GE 900	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	88.7	93.5	93.5	95.2	95.2	95.2	95.2	95.2
GE 800	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	88.7	93.5	93.5	95.2	95.2	95.2	95.2	95.2
GE 700	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	96.8
GE 600	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	96.8
GE 500	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	96.8
GE 400	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	96.8
GE 300	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	98.4
GE 200	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	98.4
GE 100	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	100.0
GE 000	50.0	50.0	62.9	62.9	77.4	80.6	83.9	87.1	90.3	95.2	95.2	96.8	96.8	96.8	96.8	100.0

TOTAL NUMBER OF OBSERVATIONS 62

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	61.3	61.3	73.1	73.1	76.3	76.3	77.4	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4500	61.3	61.3	73.1	73.1	76.3	76.3	77.4	77.4	78.5	78.5	78.5	78.5	78.5	78.5	78.5	78.5
GE 4000	62.4	62.4	74.2	74.2	77.4	77.4	79.6	79.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
GE 3500	63.4	63.4	77.4	77.4	81.7	81.7	83.9	83.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	68.8	68.8	83.9	83.9	89.2	89.2	93.5	93.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	68.8	68.8	83.9	83.9	90.3	90.3	94.6	94.6	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	68.8	68.8	83.9	83.9	92.5	92.5	96.8	96.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1800	68.8	68.8	84.9	84.9	93.5	93.5	97.8	97.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.8	68.8	84.9	84.9	93.5	93.5	98.9	98.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	76.3	76.3	86.0	86.0	86.0	86.0	86.0	86.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4500	76.3	76.3	86.0	86.0	86.0	86.0	86.0	86.0	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 4000	76.3	76.3	87.1	87.1	87.1	87.1	87.1	87.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	77.4	77.4	88.2	88.2	88.2	88.2	88.2	88.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3000	81.7	81.7	94.6	94.6	94.6	94.6	94.6	94.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2500	81.7	81.7	94.6	94.6	94.6	94.6	94.6	94.6	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 2000	81.7	81.7	94.6	94.6	95.7	95.7	95.7	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	81.7	81.7	94.6	94.6	95.7	95.7	95.7	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	81.7	81.7	94.6	94.6	95.7	95.7	95.7	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	81.7	81.7	94.6	94.6	95.7	95.7	95.7	95.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	81.7	81.7	94.6	94.6	95.7	95.7	95.7	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	63.4	63.4	77.4	77.4	87.1	88.2	88.2	88.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4500	63.4	63.4	77.4	77.4	87.1	88.2	88.2	88.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 4000	63.4	63.4	77.4	77.4	87.1	88.2	88.2	88.2	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
GE 3500	64.5	64.5	78.5	78.5	88.2	89.2	89.2	89.2	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 3000	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2500	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 2000	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1800	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1500	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	68.8	68.8	85.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.8	68.8	86.0	86.0	95.7	96.8	96.8	96.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.1	44.1	67.7	67.7	74.2	76.3	77.4	82.8	84.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4500	44.1	44.1	67.7	67.7	74.2	76.3	77.4	82.8	84.9	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 4000	44.1	44.1	67.7	67.7	74.2	76.3	77.4	82.8	84.9	88.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	44.1	44.1	67.7	67.7	74.2	76.3	77.4	82.8	84.9	88.2	90.3	90.3	90.3	90.3	90.3	90.3
GE 3000	47.3	47.3	73.1	73.1	80.6	82.8	83.9	89.2	91.4	94.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 2500	47.3	47.3	73.1	73.1	80.6	82.8	83.9	89.2	91.4	94.6	96.8	96.8	96.8	96.8	96.8	96.8
GE 2000	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1800	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1500	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 1000	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 900	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 800	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 400	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	100.0
GE 000	47.3	47.3	74.2	74.2	82.8	84.9	86.0	91.4	93.5	96.8	98.9	98.9	98.9	98.9	98.9	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: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.5	44.6	60.3	60.3	70.4	71.1	72.7	74.8	76.3	77.4	78.5	78.7	79.0	79.0	79.1	80.4
GE 4500	44.5	44.6	60.4	60.4	70.7	71.4	73.1	75.2	76.7	77.8	79.0	79.1	79.4	79.4	79.5	80.8
GE 4000	44.6	44.7	60.9	60.9	71.1	71.8	73.6	75.7	77.4	78.7	80.2	80.4	80.6	80.6	80.8	82.0
GE 3500	45.0	45.2	62.1	62.1	72.7	73.4	75.3	77.6	79.2	80.5	82.3	82.5	82.7	82.7	82.9	84.2
GE 3000	47.3	47.4	65.6	65.6	76.6	77.4	79.8	82.3	84.0	85.3	87.4	87.5	87.8	87.8	87.9	89.2
GE 2500	47.3	47.4	65.6	65.6	76.7	77.6	79.9	82.5	84.2	85.6	87.7	87.8	88.1	88.1	88.2	89.5
GE 2000	47.3	47.4	65.9	65.9	78.1	79.4	81.8	84.3	86.0	87.4	89.5	89.6	89.9	89.9	90.0	91.3
GE 1800	47.3	47.4	66.1	66.1	78.3	79.5	81.9	84.4	86.1	87.5	89.6	89.8	90.0	90.0	90.2	91.4
GE 1500	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.3	87.0	88.4	90.5	90.6	90.9	90.9	91.0	92.3
GE 1200	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.4	87.1	88.5	90.6	90.7	91.0	91.0	91.2	92.4
GE 1000	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.2	88.6	90.7	90.9	91.4	91.4	91.6	92.8
GE 900	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.2	88.6	90.9	91.0	91.6	91.6	91.7	93.0
GE 800	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.2	88.6	90.9	91.0	91.6	91.6	91.7	93.0
GE 700	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	91.9	93.1
GE 600	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	91.9	93.1
GE 500	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	92.0	93.3
GE 400	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	92.0	93.3
GE 300	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	92.0	93.4
GE 200	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	92.1	94.0
GE 100	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	92.4	100.0
GE 000	47.5	47.7	66.3	66.3	78.8	80.2	82.7	85.6	87.4	88.8	91.0	91.2	91.7	91.7	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: NOV HOURS: 00-02

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	28.6	28.6	34.5	34.5	52.4	54.8	59.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	28.6	28.6	34.5	34.5	52.4	54.8	59.5	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4000	33.3	33.3	39.3	39.3	59.5	61.9	66.7	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 3500	35.7	35.7	41.7	41.7	61.9	64.3	69.0	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3000	38.1	38.1	44.0	44.0	67.9	71.4	76.2	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 2500	38.1	38.1	44.0	44.0	69.0	72.6	77.4	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 2000	40.5	41.7	53.6	53.6	79.8	83.3	88.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1800	40.5	41.7	53.6	53.6	79.8	83.3	88.1	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	40.5	41.7	53.6	53.6	81.0	85.7	94.0	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	40.5	41.7	53.6	53.6	83.3	88.1	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: NOV HOURS: 03-05

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	23.8	23.8	32.1	32.1	42.9	44.0	52.4	56.0	59.5	61.9	63.1	63.1	63.1	63.1	63.1	65.5
GE 4500	23.8	23.8	32.1	32.1	42.9	44.0	52.4	56.0	59.5	61.9	63.1	63.1	63.1	63.1	63.1	65.5
GE 4000	25.0	25.0	39.3	39.3	52.4	53.6	64.3	67.9	71.4	73.8	75.0	75.0	75.0	75.0	75.0	77.4
GE 3500	25.0	25.0	39.3	39.3	54.8	56.0	66.7	70.2	73.8	76.2	77.4	77.4	77.4	77.4	77.4	79.8
GE 3000	25.0	25.0	39.3	39.3	54.8	56.0	66.7	70.2	73.8	76.2	77.4	77.4	77.4	77.4	77.4	79.8
GE 2500	25.0	25.0	39.3	39.3	57.1	58.3	69.0	72.6	76.2	78.6	79.8	79.8	79.8	79.8	79.8	82.1
GE 2000	27.4	27.4	42.9	42.9	64.3	65.5	76.2	79.8	83.3	85.7	86.9	86.9	86.9	86.9	86.9	89.3
GE 1800	27.4	27.4	42.9	42.9	64.3	65.5	76.2	79.8	83.3	85.7	86.9	86.9	86.9	86.9	86.9	89.3
GE 1500	27.4	27.4	42.9	42.9	65.5	71.4	84.5	88.1	91.7	94.0	95.2	95.2	95.2	95.2	95.2	97.6
GE 1200	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 1000	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 900	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 800	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 700	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 600	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 500	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 400	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 300	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 200	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 100	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0
GE 000	27.4	27.4	42.9	42.9	67.9	73.8	86.9	90.5	94.0	96.4	97.6	97.6	97.6	97.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	25.0	25.0	32.1	32.1	36.9	44.0	47.6	48.8	48.8	51.2	56.0	59.5	60.7	60.7	61.9	67.9
GE 4500	25.0	25.0	32.1	32.1	36.9	44.0	47.6	48.8	48.8	51.2	56.0	59.5	60.7	60.7	61.9	67.9
GE 4000	27.4	28.6	39.3	39.3	47.6	54.8	58.3	59.5	59.5	61.9	66.7	71.4	72.6	72.6	73.8	79.8
GE 3500	27.4	28.6	39.3	39.3	47.6	54.8	58.3	59.5	59.5	61.9	66.7	71.4	72.6	72.6	73.8	79.8
GE 3000	27.4	28.6	41.7	41.7	51.2	58.3	61.9	63.1	63.1	65.5	70.2	75.0	76.2	76.2	77.4	83.3
GE 2500	27.4	28.6	42.9	42.9	52.4	59.5	63.1	64.3	64.3	66.7	71.4	76.2	77.4	77.4	78.6	84.5
GE 2000	27.4	28.6	44.0	44.0	54.8	63.1	66.7	67.9	67.9	70.2	75.0	79.8	81.0	81.0	82.1	88.1
GE 1800	27.4	28.6	44.0	44.0	54.8	63.1	66.7	67.9	67.9	70.2	75.0	79.8	81.0	81.0	82.1	88.1
GE 1500	29.8	31.0	47.6	47.6	58.3	67.9	71.4	72.6	72.6	75.0	79.8	84.5	85.7	85.7	86.9	92.9
GE 1200	29.8	31.0	47.6	47.6	58.3	69.0	75.0	76.2	76.2	78.6	83.3	88.1	89.3	89.3	90.5	96.4
GE 1000	29.8	31.0	47.6	47.6	58.3	69.0	75.0	76.2	76.2	78.6	83.3	88.1	89.3	89.3	90.5	96.4
GE 900	29.8	31.0	47.6	47.6	58.3	69.0	75.0	76.2	76.2	78.6	83.3	88.1	89.3	89.3	90.5	96.4
GE 800	29.8	31.0	47.6	47.6	58.3	69.0	75.0	76.2	76.2	78.6	83.3	88.1	89.3	89.3	90.5	96.4
GE 700	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	97.6
GE 600	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	97.6
GE 500	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	97.6
GE 400	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	97.6
GE 300	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	97.6
GE 200	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	97.6
GE 100	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	100.0
GE 000	29.8	31.0	48.8	48.8	59.5	70.2	76.2	77.4	77.4	79.8	84.5	89.3	90.5	90.5	91.7	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	33.9	35.7	41.1	41.1	60.7	64.3	64.3	67.9	67.9	67.9	71.4	73.2	73.2	73.2	73.2	75.0
GE 4500	33.9	35.7	41.1	41.1	60.7	64.3	64.3	67.9	67.9	67.9	71.4	73.2	73.2	73.2	73.2	75.0
GE 4000	37.5	39.3	44.6	44.6	67.9	71.4	71.4	75.0	75.0	75.0	78.6	80.4	80.4	80.4	80.4	82.1
GE 3500	39.3	41.1	46.4	46.4	69.6	73.2	73.2	76.8	76.8	76.8	80.4	82.1	82.1	82.1	82.1	83.9
GE 3000	42.9	44.6	50.0	50.0	73.2	76.8	76.8	80.4	80.4	80.4	83.9	85.7	85.7	85.7	85.7	87.5
GE 2500	42.9	44.6	50.0	50.0	73.2	76.8	76.8	80.4	80.4	80.4	83.9	85.7	85.7	85.7	85.7	87.5
GE 2000	42.9	44.6	53.6	53.6	76.8	80.4	80.4	83.9	83.9	83.9	87.5	89.3	89.3	89.3	89.3	91.1
GE 1800	42.9	44.6	53.6	53.6	76.8	80.4	80.4	83.9	83.9	83.9	87.5	89.3	89.3	89.3	89.3	91.1
GE 1500	44.6	46.4	55.4	55.4	78.6	82.1	82.1	85.7	85.7	85.7	89.3	91.1	91.1	91.1	91.1	92.9
GE 1200	44.6	46.4	55.4	55.4	78.6	82.1	82.1	85.7	85.7	85.7	89.3	91.1	91.1	91.1	91.1	92.9
GE 1000	44.6	46.4	55.4	55.4	78.6	82.1	82.1	85.7	85.7	85.7	89.3	91.1	91.1	91.1	91.1	92.9
GE 900	44.6	46.4	55.4	55.4	80.4	83.9	83.9	87.5	87.5	87.5	91.1	92.9	92.9	92.9	92.9	94.6
GE 800	44.6	46.4	55.4	55.4	80.4	83.9	83.9	87.5	87.5	87.5	91.1	92.9	92.9	92.9	92.9	94.6
GE 700	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	98.2
GE 600	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	98.2
GE 500	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	98.2
GE 400	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	98.2
GE 300	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	98.2
GE 200	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	98.2
GE 100	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	100.0
GE 000	44.6	46.4	55.4	55.4	80.4	83.9	87.5	91.1	91.1	91.1	94.6	96.4	96.4	96.4	96.4	100.0

TOTAL NUMBER OF OBSERVATIONS 56

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	48.8	48.8	69.0	69.0	73.8	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4500	48.8	48.8	69.0	69.0	73.8	77.4	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 4000	53.6	53.6	76.2	76.2	81.0	84.5	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7	85.7
GE 3500	56.0	56.0	78.6	78.6	83.3	86.9	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 3000	57.1	57.1	79.8	79.8	84.5	88.1	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	59.5	59.5	82.1	82.1	86.9	90.5	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	60.7	60.7	84.5	84.5	90.5	94.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	60.7	60.7	84.5	84.5	90.5	94.0	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1500	60.7	60.7	84.5	84.5	91.7	95.2	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1200	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	60.7	60.7	84.5	84.5	92.9	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	46.4	48.8	58.3	58.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4500	46.4	48.8	58.3	58.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 4000	51.2	53.6	66.7	66.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500	56.0	59.5	77.4	77.4	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
GE 3000	63.1	66.7	85.7	85.7	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2500	66.7	70.2	89.3	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2000	66.7	70.2	89.3	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1800	66.7	70.2	89.3	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1500	66.7	70.2	89.3	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	66.7	70.2	89.3	89.3	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	66.7	70.2	90.5	90.5	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	66.7	70.2	90.5	90.5	95.2	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	66.7	70.2	90.5	90.5	95.2	97.6	97.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS: 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	44.0	46.4	59.5	59.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4500	44.0	46.4	59.5	59.5	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 4000	46.4	48.8	63.1	63.1	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3500	47.6	50.0	66.7	66.7	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
GE 3000	54.8	57.1	77.4	77.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2500	54.8	57.1	77.4	77.4	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 2000	58.3	60.7	81.0	81.0	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1800	58.3	60.7	81.0	81.0	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1500	58.3	60.7	81.0	81.0	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1200	58.3	60.7	81.0	81.0	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 1000	58.3	60.7	81.0	81.0	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 900	58.3	60.7	81.0	81.0	96.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6	97.6
GE 800	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	58.3	60.7	81.0	81.0	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	45.2	46.4	58.3	58.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4500	45.2	46.4	58.3	58.3	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 4000	47.6	48.8	60.7	60.7	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	50.0	51.2	63.1	63.1	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
GE 3000	51.2	52.4	66.7	66.7	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 2500	51.2	52.4	66.7	66.7	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1	88.1
GE 2000	53.6	54.8	70.2	70.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1800	53.6	54.8	70.2	70.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	53.6	54.8	70.2	70.2	98.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING	VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	37.1	38.0	48.4	48.4	58.4	60.6	62.9	64.1	64.6	65.2	66.3	66.9	67.1	67.1	67.2	68.5
GE 4500	37.1	38.0	48.4	48.4	58.4	60.6	62.9	64.1	64.6	65.2	66.3	66.9	67.1	67.1	67.2	68.5
GE 4000	40.4	41.5	54.0	54.0	65.4	67.5	70.2	71.4	71.9	72.5	73.6	74.4	74.5	74.5	74.7	75.9
GE 3500	42.2	43.5	57.0	57.0	69.3	71.4	74.1	75.3	75.8	76.4	77.5	78.3	78.4	78.4	78.6	79.8
GE 3000	45.0	46.3	61.0	61.0	74.7	77.0	79.7	80.9	81.4	82.0	83.1	83.9	84.0	84.0	84.2	85.4
GE 2500	45.8	47.0	62.0	62.0	76.7	79.0	81.7	82.9	83.4	84.0	85.1	85.9	86.0	86.0	86.2	87.4
GE 2000	47.4	48.8	65.4	65.4	81.7	84.3	87.0	88.2	88.7	89.3	90.4	91.1	91.3	91.3	91.5	92.7
GE 1800	47.4	48.8	65.4	65.4	82.1	84.8	87.4	88.7	89.1	89.8	90.8	91.6	91.8	91.8	91.9	93.2
GE 1500	47.8	49.2	66.0	66.0	83.2	87.0	90.4	91.6	92.1	92.7	93.8	94.6	94.7	94.7	94.9	96.1
GE 1200	47.8	49.2	66.0	66.0	84.0	88.0	92.1	93.3	93.8	94.4	95.5	96.3	96.4	96.4	96.6	97.8
GE 1000	47.8	49.2	66.1	66.1	84.2	88.5	92.5	93.8	94.3	94.9	96.0	96.7	96.9	96.9	97.0	98.3
GE 900	47.8	49.2	66.1	66.1	84.3	88.7	92.7	93.9	94.4	95.0	96.1	96.9	97.0	97.0	97.2	98.4
GE 800	47.8	49.2	66.1	66.1	84.6	89.0	93.0	94.6	95.0	95.7	96.7	97.5	97.7	97.7	97.8	99.1
GE 700	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	99.5
GE 600	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	99.5
GE 500	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	99.5
GE 400	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	99.5
GE 300	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	99.5
GE 200	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	99.5
GE 100	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	100.0
GE 000	47.8	49.2	66.3	66.3	84.8	89.1	93.5	95.0	95.5	96.1	97.2	98.0	98.1	98.1	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 644

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: DEC HOURS: 00-02

CEILING	VISIBILITY IN METERS															
IN FEET	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	36.0	36.0	41.6	41.6	56.2	60.7	67.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4500	36.0	36.0	41.6	41.6	56.2	60.7	67.4	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 4000	38.2	38.2	43.8	43.8	58.4	62.9	69.7	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 3500	38.2	38.2	43.8	43.8	59.6	64.0	70.8	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3000	39.3	39.3	44.9	44.9	65.2	69.7	77.5	82.0	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2500	39.3	39.3	44.9	44.9	65.2	69.7	77.5	82.0	82.0	83.1	83.1	83.1	83.1	83.1	83.1	83.1
GE 2000	39.3	39.3	44.9	44.9	66.3	70.8	79.8	84.3	84.3	85.4	86.5	87.6	88.8	88.8	88.8	88.8
GE 1800	39.3	39.3	44.9	44.9	66.3	70.8	79.8	84.3	84.3	85.4	86.5	87.6	88.8	88.8	88.8	88.8
GE 1500	39.3	39.3	44.9	44.9	66.3	70.8	79.8	84.3	84.3	85.4	88.8	89.9	91.0	91.0	91.0	91.0
GE 1200	39.3	39.3	44.9	44.9	66.3	70.8	79.8	84.3	84.3	85.4	88.8	89.9	91.0	91.0	91.0	91.0
GE 1000	39.3	39.3	44.9	44.9	68.5	73.0	82.0	86.5	86.5	87.6	91.0	92.1	93.3	93.3	93.3	93.3
GE 900	39.3	39.3	44.9	44.9	68.5	73.0	82.0	86.5	86.5	87.6	91.0	92.1	93.3	93.3	93.3	93.3
GE 800	39.3	39.3	44.9	44.9	70.8	75.3	84.3	88.8	88.8	89.9	93.3	94.4	95.5	95.5	95.5	95.5
GE 700	39.3	39.3	44.9	44.9	70.8	75.3	84.3	88.8	88.8	89.9	93.3	94.4	95.5	95.5	95.5	95.5
GE 600	39.3	39.3	44.9	44.9	70.8	75.3	84.3	88.8	88.8	89.9	93.3	94.4	95.5	95.5	95.5	95.5
GE 500	39.3	39.3	44.9	44.9	70.8	75.3	85.4	89.9	89.9	91.0	94.4	95.5	96.6	96.6	96.6	96.6
GE 400	39.3	39.3	44.9	44.9	70.8	75.3	85.4	89.9	89.9	91.0	94.4	95.5	96.6	96.6	96.6	96.6
GE 300	39.3	39.3	44.9	44.9	70.8	75.3	85.4	89.9	89.9	91.0	94.4	95.5	96.6	96.6	96.6	96.6
GE 200	39.3	39.3	44.9	44.9	70.8	75.3	85.4	89.9	89.9	91.0	94.4	95.5	96.6	96.6	96.6	96.6
GE 100	39.3	39.3	44.9	44.9	70.8	75.3	85.4	89.9	89.9	91.0	94.4	95.5	96.6	96.6	96.6	96.6
GE 000	39.3	39.3	44.9	44.9	70.8	75.3	85.4	89.9	89.9	91.0	94.4	95.5	96.6	96.6	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 89

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: DEC HOURS: 03-05

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	32.2	34.4	47.8	47.8	56.7	63.3	70.0	71.1	71.1	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4500	32.2	34.4	47.8	47.8	56.7	63.3	70.0	71.1	71.1	71.1	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 4000	32.2	34.4	47.8	47.8	56.7	63.3	70.0	72.2	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3500	32.2	34.4	47.8	47.8	56.7	63.3	70.0	72.2	72.2	72.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3
GE 3000	32.2	34.4	48.9	48.9	62.2	68.9	75.6	78.9	81.1	81.1	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	32.2	34.4	48.9	48.9	63.3	70.0	76.7	80.0	82.2	82.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	32.2	34.4	48.9	48.9	63.3	70.0	76.7	80.0	82.2	82.2	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 1800	32.2	34.4	48.9	48.9	63.3	70.0	76.7	80.0	82.2	82.2	85.6	85.6	86.7	86.7	86.7	86.7	86.7
GE 1500	32.2	34.4	48.9	48.9	63.3	70.0	76.7	80.0	82.2	82.2	88.9	88.9	92.2	92.2	92.2	92.2	92.2
GE 1200	32.2	34.4	48.9	48.9	63.3	70.0	76.7	80.0	82.2	82.2	88.9	88.9	92.2	92.2	92.2	92.2	92.2
GE 1000	32.2	34.4	48.9	48.9	66.7	73.3	80.0	83.3	85.6	85.6	92.2	92.2	95.6	95.6	95.6	95.6	95.6
GE 900	32.2	34.4	48.9	48.9	66.7	73.3	80.0	83.3	85.6	85.6	92.2	92.2	95.6	95.6	95.6	95.6	95.6
GE 800	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 700	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 600	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 500	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 400	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 300	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 200	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	96.7
GE 100	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	97.8
GE 000	32.2	34.4	48.9	48.9	67.8	74.4	81.1	84.4	86.7	86.7	93.3	93.3	96.7	96.7	96.7	96.7	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	26.7	26.7	42.2	42.2	53.3	53.3	55.6	57.8	60.0	61.1	62.2	62.2	62.2	62.2	62.2	63.3
GE 4500	26.7	26.7	42.2	42.2	53.3	53.3	55.6	57.8	60.0	61.1	62.2	62.2	62.2	62.2	62.2	63.3
GE 4000	26.7	26.7	43.3	43.3	55.6	55.6	57.8	63.3	65.6	66.7	67.8	67.8	67.8	67.8	67.8	68.9
GE 3500	26.7	26.7	43.3	43.3	56.7	56.7	58.9	64.4	66.7	67.8	68.9	68.9	68.9	68.9	68.9	70.0
GE 3000	26.7	26.7	43.3	43.3	61.1	62.2	64.4	71.1	74.4	75.6	78.9	80.0	80.0	80.0	80.0	81.1
GE 2500	26.7	26.7	43.3	43.3	63.3	64.4	66.7	73.3	76.7	77.8	82.2	83.3	83.3	83.3	83.3	84.4
GE 2000	26.7	26.7	43.3	43.3	63.3	64.4	66.7	73.3	77.8	78.9	84.4	85.6	85.6	85.6	85.6	86.7
GE 1800	26.7	26.7	43.3	43.3	63.3	64.4	66.7	73.3	77.8	78.9	84.4	85.6	85.6	85.6	85.6	86.7
GE 1500	26.7	26.7	43.3	43.3	63.3	64.4	67.8	74.4	78.9	80.0	86.7	87.8	93.3	93.3	93.3	94.4
GE 1200	26.7	26.7	43.3	43.3	63.3	64.4	67.8	74.4	78.9	80.0	86.7	87.8	93.3	93.3	93.3	94.4
GE 1000	26.7	26.7	43.3	43.3	63.3	64.4	67.8	74.4	78.9	81.1	87.8	88.9	94.4	94.4	94.4	95.6
GE 900	26.7	26.7	43.3	43.3	63.3	64.4	67.8	74.4	78.9	81.1	87.8	88.9	94.4	94.4	94.4	95.6
GE 800	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 700	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 600	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 500	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 400	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 300	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 200	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 100	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	98.9
GE 000	26.7	26.7	43.3	43.3	63.3	64.4	68.9	75.6	80.0	82.2	90.0	92.2	97.8	97.8	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	18.3	23.3	41.7	41.7	55.0	55.0	55.0	55.0	56.7	60.0	61.7	61.7	61.7	61.7	61.7	63.3
GE 4500	18.3	23.3	41.7	41.7	55.0	55.0	55.0	55.0	56.7	60.0	61.7	61.7	61.7	61.7	61.7	63.3
GE 4000	18.3	23.3	46.7	46.7	60.0	60.0	60.0	60.0	61.7	65.0	66.7	66.7	66.7	66.7	66.7	68.3
GE 3500	18.3	23.3	46.7	46.7	61.7	63.3	63.3	63.3	65.0	68.3	70.0	70.0	70.0	70.0	70.0	71.7
GE 3000	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	71.7	73.3	73.3	76.7	76.7	76.7	78.3
GE 2500	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	71.7	75.0	76.7	80.0	80.0	80.0	81.7
GE 2000	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	71.7	75.0	76.7	80.0	80.0	80.0	81.7
GE 1800	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	71.7	75.0	76.7	80.0	80.0	80.0	81.7
GE 1500	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	80.0	85.0	90.0	90.0	90.0	91.7
GE 1200	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	80.0	85.0	90.0	90.0	90.0	91.7
GE 1000	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 900	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 800	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 700	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 600	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 500	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 400	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 300	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	93.3	95.0
GE 200	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	95.0	96.7
GE 100	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	95.0	100.0
GE 000	18.3	23.3	46.7	46.7	65.0	66.7	66.7	66.7	68.3	73.3	83.3	88.3	93.3	93.3	95.0	100.0

TOTAL NUMBER OF OBSERVATIONS 60

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	40.0	41.1	52.2	52.2	64.4	64.4	66.7	67.8	68.9	72.2	72.2	73.3	73.3	73.3	73.3	73.3
GE 4500	40.0	41.1	52.2	52.2	64.4	64.4	66.7	67.8	68.9	72.2	72.2	73.3	73.3	73.3	73.3	73.3
GE 4000	42.2	43.3	54.4	54.4	68.9	68.9	71.1	72.2	73.3	76.7	76.7	77.8	77.8	77.8	77.8	77.8
GE 3500	42.2	43.3	57.8	57.8	72.2	72.2	74.4	75.6	76.7	80.0	80.0	81.1	81.1	81.1	81.1	81.1
GE 3000	42.2	43.3	61.1	61.1	77.8	77.8	82.2	85.6	86.7	90.0	90.0	91.1	91.1	91.1	91.1	91.1
GE 2500	42.2	43.3	61.1	61.1	77.8	78.9	83.3	86.7	87.8	91.1	91.1	92.2	92.2	92.2	92.2	92.2
GE 2000	42.2	43.3	61.1	61.1	77.8	78.9	83.3	86.7	87.8	91.1	91.1	92.2	92.2	92.2	92.2	92.2
GE 1800	42.2	43.3	61.1	61.1	77.8	78.9	83.3	86.7	87.8	91.1	91.1	92.2	92.2	92.2	92.2	92.2
GE 1500	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	95.6	96.7	97.8	97.8	97.8	97.8	97.8
GE 1200	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	95.6	96.7	97.8	97.8	97.8	97.8	97.8
GE 1000	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	95.6	96.7	97.8	97.8	97.8	97.8	97.8
GE 900	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	97.8	98.9	98.9	98.9	98.9	98.9
GE 800	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 700	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 600	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 500	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 400	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 300	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 200	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 100	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0
GE 000	42.2	43.3	61.1	61.1	77.8	78.9	83.3	88.9	90.0	96.7	98.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	46.7	46.7	58.9	58.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4500	46.7	46.7	58.9	58.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 4000	47.8	47.8	61.1	61.1	80.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 3500	47.8	47.8	62.2	62.2	83.3	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 3000	52.2	53.3	70.0	70.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2500	52.2	53.3	70.0	70.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 2000	52.2	53.3	70.0	70.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1800	52.2	53.3	70.0	70.0	94.4	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 1500	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	52.2	53.3	70.0	70.0	97.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 90

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING		VISIBILITY IN METERS															
IN	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE	GE
FEET	112	90	80	60	48	40	32	24	20	16	12	10	08	06	04	00	
.....																	
NO CEIL																	
GE 20000																	
GE 18000																	
GE 16000																	
GE 14000																	
GE 12000																	
GE 10000																	
GE 9000																	
GE 8000																	
GE 7000																	
GE 6000																	
GE 5000	44.2	45.3	54.7	54.7	70.9	72.1	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4500	44.2	45.3	54.7	54.7	70.9	72.1	74.4	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 4000	44.2	45.3	54.7	54.7	72.1	73.3	75.6	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	44.2	45.3	54.7	54.7	75.6	77.9	80.2	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3000	45.3	46.5	59.3	59.3	83.7	87.2	93.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2500	45.3	46.5	59.3	59.3	83.7	87.2	93.0	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	45.3	46.5	59.3	59.3	83.7	88.4	95.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1800	45.3	46.5	59.3	59.3	83.7	88.4	95.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 1500	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1200	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 1000	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	45.3	45.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	45.3	46.5	59.3	59.3	84.9	89.5	96.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
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TOTAL NUMBER OF OBSERVATIONS 86

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	36.9	39.3	45.2	45.2	61.9	61.9	71.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.6
GE 4500	36.9	39.3	45.2	45.2	61.9	61.9	71.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.6
GE 4000	36.9	39.3	45.2	45.2	61.9	61.9	71.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	78.6
GE 3500	36.9	39.3	46.4	46.4	67.9	67.9	77.4	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	84.5
GE 3000	38.1	40.5	48.8	48.8	72.6	72.6	84.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	91.7
GE 2500	38.1	40.5	48.8	48.8	72.6	72.6	84.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	91.7
GE 2000	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 1800	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 1500	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 1200	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 1000	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 900	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 800	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 700	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 600	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 500	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 400	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 300	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 200	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 100	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	98.8
GE 000	38.1	40.5	48.8	48.8	72.6	75.0	88.1	94.0	94.0	94.0	97.6	97.6	97.6	97.6	97.6	100.0

TOTAL NUMBER OF OBSERVATIONS 84

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.8	37.1	48.3	48.3	62.2	63.8	67.6	69.7	70.3	71.1	71.6	71.7	71.7	71.7	71.7	72.2
GE 4500	35.8	37.1	48.3	48.3	62.2	63.8	67.6	69.7	70.3	71.1	71.6	71.7	71.7	71.7	71.7	72.2
GE 4000	36.5	37.8	49.8	49.8	64.4	66.1	70.0	72.6	73.2	74.1	74.5	74.7	74.7	74.7	74.7	75.1
GE 3500	36.5	37.8	50.5	50.5	66.9	68.9	72.8	75.7	76.3	77.2	77.6	77.8	77.8	77.8	77.8	78.2
GE 3000	37.6	39.0	53.2	53.2	73.0	75.6	80.6	84.1	85.1	86.2	87.2	87.5	87.8	87.8	87.8	88.2
GE 2500	37.6	39.0	53.2	53.2	73.5	76.1	81.1	84.7	85.7	86.7	88.1	88.5	88.8	88.8	88.8	89.2
GE 2000	37.6	39.0	53.2	53.2	73.6	76.7	82.2	85.7	86.9	87.9	90.0	90.6	91.0	91.0	91.0	91.5
GE 1800	37.6	39.0	53.2	53.2	73.6	76.7	82.2	85.7	86.9	87.9	90.0	90.6	91.2	91.2	91.2	91.6
GE 1500	37.6	39.0	53.2	53.2	74.2	77.3	82.9	86.7	87.9	89.4	92.8	93.7	95.4	95.4	95.4	95.9
GE 1200	37.6	39.0	53.2	53.2	74.2	77.3	82.9	86.7	87.9	89.4	92.8	93.7	95.4	95.4	95.4	95.9
GE 1000	37.6	39.0	53.2	53.2	75.0	78.1	83.7	87.5	88.7	90.3	94.0	94.8	96.6	96.6	96.6	97.1
GE 900	37.6	39.0	53.2	53.2	75.0	78.1	83.7	87.5	88.7	90.4	94.1	95.0	96.8	96.8	96.8	97.2
GE 800	37.6	39.0	53.2	53.2	75.4	78.5	84.2	88.1	89.2	91.0	95.0	96.0	97.8	97.8	97.8	98.2
GE 700	37.6	39.0	53.2	53.2	75.4	78.5	84.2	88.1	89.2	91.0	95.0	96.0	97.8	97.8	97.8	98.2
GE 600	37.6	39.0	53.2	53.2	75.4	78.5	84.2	88.1	89.2	91.0	95.0	96.0	97.8	97.8	97.8	98.2
GE 500	37.6	39.0	53.2	53.2	75.4	78.5	84.4	88.2	89.4	91.2	95.1	96.2	97.9	97.9	97.9	98.4
GE 400	37.6	39.0	53.2	53.2	75.4	78.5	84.4	88.2	89.4	91.2	95.1	96.2	97.9	97.9	97.9	98.4
GE 300	37.6	39.0	53.2	53.2	75.4	78.5	84.4	88.2	89.4	91.2	95.1	96.2	97.9	97.9	97.9	98.4
GE 200	37.6	39.0	53.2	53.2	75.4	78.5	84.4	88.2	89.4	91.2	95.1	96.2	97.9	97.9	98.1	98.5
GE 100	37.6	39.0	53.2	53.2	75.4	78.5	84.4	88.2	89.4	91.2	95.1	96.2	97.9	97.9	98.1	99.0
GE 000	37.6	39.0	53.2	53.2	75.4	78.5	84.4	88.2	89.4	91.2	95.1	96.2	97.9	97.9	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

CEILING IN FEET	VISIBILITY IN METERS															
	GE 112	GE 90	GE 80	GE 60	GE 48	GE 40	GE 32	GE 24	GE 20	GE 16	GE 12	GE 10	GE 08	GE 06	GE 04	GE 00
NO CEIL																
GE 20000																
GE 18000																
GE 16000																
GE 14000																
GE 12000																
GE 10000																
GE 9000																
GE 8000																
GE 7000																
GE 6000																
GE 5000	35.3	36.3	52.2	52.2	63.6	64.7	66.7	67.8	68.1	68.6	69.1	69.1	69.3	69.3	69.4	69.8
GE 4500	35.7	36.8	52.8	52.8	64.3	65.4	67.4	68.5	68.8	69.3	69.8	69.8	70.0	70.0	70.1	70.5
GE 4000	37.2	38.3	55.4	55.4	67.8	69.0	71.2	72.3	72.7	73.2	73.7	73.8	74.0	74.0	74.1	74.5
GE 3500	38.1	39.2	57.2	57.2	70.5	71.8	74.1	75.3	75.7	76.3	76.8	76.8	77.1	77.1	77.1	77.6
GE 3000	40.5	41.7	61.3	61.3	76.8	78.4	81.3	82.8	83.3	83.9	84.6	84.7	85.0	85.0	85.1	85.5
GE 2500	40.9	42.1	61.9	61.9	78.2	80.0	83.1	84.7	85.3	86.0	86.7	86.8	87.1	87.1	87.2	87.6
GE 2000	41.2	42.4	62.8	62.8	79.8	82.0	85.5	87.3	87.9	88.7	89.7	89.9	90.2	90.2	90.3	90.7
GE 1800	41.2	42.5	62.8	62.8	80.1	82.3	85.9	87.7	88.3	89.1	90.1	90.3	90.6	90.6	90.7	91.2
GE 1500	41.5	42.7	63.3	63.3	81.1	83.5	87.6	89.7	90.4	91.3	92.5	92.7	93.1	93.2	93.3	93.7
GE 1200	41.5	42.7	63.4	63.4	81.6	84.2	88.5	90.7	91.5	92.5	93.8	94.0	94.5	94.5	94.6	95.0
GE 1000	41.6	42.8	63.5	63.5	82.1	84.7	89.3	91.7	92.6	93.7	95.2	95.4	95.9	95.9	96.0	96.5
GE 900	41.6	42.8	63.5	63.5	82.1	84.8	89.3	91.8	92.7	93.9	95.3	95.6	96.1	96.1	96.2	96.7
GE 800	41.6	42.8	63.5	63.5	82.2	84.8	89.5	92.1	93.0	94.3	95.8	96.1	96.7	96.7	96.8	97.3
GE 700	41.6	42.8	63.5	63.5	82.2	84.9	89.6	92.2	93.1	94.5	96.1	96.4	97.0	97.1	97.2	97.6
GE 600	41.6	42.8	63.5	63.5	82.2	84.9	89.6	92.2	93.2	94.6	96.3	96.6	97.3	97.3	97.4	97.9
GE 500	41.6	42.8	63.5	63.5	82.2	84.9	89.6	92.3	93.3	94.8	95.5	96.9	97.6	97.6	97.8	98.3
GE 400	41.6	42.8	63.5	63.5	82.2	84.9	89.7	92.4	93.4	94.9	96.7	97.1	97.9	98.0	98.1	98.7
GE 300	41.6	42.8	63.5	63.5	82.2	84.9	89.7	92.4	93.4	94.9	96.7	97.2	98.1	98.2	98.3	98.8
GE 200	41.6	42.8	63.5	63.5	82.2	84.9	89.7	92.4	93.4	94.9	96.8	97.2	98.1	98.2	98.4	99.1
GE 100	41.6	42.8	63.5	63.5	82.2	84.9	89.7	92.4	93.4	94.9	96.8	97.2	98.2	98.3	98.5	99.8
GE 000	41.6	42.8	63.5	63.5	82.2	84.9	89.7	92.4	93.4	94.9	96.8	97.2	98.2	98.3	98.5	100.0

TOTAL NUMBER OF OBSERVATIONS: 12237

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
PPPPPPPPPP	AAAAAAAAAA	RRRRRRRRRR	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

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PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

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

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

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$

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

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

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

CREATED FROM HOURLY OBSERVATION. 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: 471066

STATION NAME: CAMP CASEY/TONGDUCTION KO
LST TO UTC: -07

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

TEMP (DFG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 100							.6	.4					.1
GE 95						.8	5.6	7.2					1.1
GE 90					.5	8.6	23.6	29.8	1.0				5.4
GE 85				.5	4.4	26.9	48.6	56.6	5.8				12.1
GE 80				2.7	22.9	63.6	76.3	81.0	44.7	3.4			25.0
GE 75				10.6	48.4	86.0	95.0	94.0	73.3	15.0	.2		35.9
GE 70			.5	27.8	71.3	95.3	99.1	98.7	92.2	40.5	2.0		44.7
GE 65			3.1	45.6	84.7	99.0	99.8	99.8	98.4	61.7	7.1		50.7
GE 60		.4	13.6	70.1	95.8	100.0	100.0	100.0	99.8	83.0	23.2		58.0
GE 55	.4	2.2	33.4	85.5	99.8				99.8	94.7	44.2	1.9	64.3
GE 50	1.5	11.2	52.7	96.2	100.0				100.0	98.3	64.4	8.7	70.1
GE 45	8.2	26.2	75.7	99.1						99.1	78.4	26.3	76.7
GE 40	20.0	45.2	87.1	99.5						99.6	85.3	40.3	81.9
GE 35	45.4	67.9	97.6	100.0						100.0	95.2	67.0	89.7
GE 33	52.8	74.6	98.5								97.2	73.6	91.6
GE 30	56.7	84.7	99.1								98.8	81.7	94.4
GE 25	84.3	93.0	99.5								100.0	94.4	97.6
GE 20	94.0	97.8	100.0									97.1	99.1
GE 15	99.1	99.8										99.4	99.9
GE 10	100.0	100.0										99.8	100.0
GE 5												100.0	100.0
MEAN	33.0	38.5	50.1	64.0	73.4	81.0	84.3	85.5	77.7	66.9	51.9	37.9	62.3
SD	8.12	8.79	8.36	8.60	7.48	6.29	6.38	6.46	5.54	7.71	9.63	8.71	19.86
TOTAL OBS	549	511	581	546	593	591	539	553	514	528	505	518	6528

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 85								.2					.0
GE 80							.6	.5					.1
GE 75						.3	18.0	21.3	.2				3.3
GE 70						6.4	62.2	58.4	4.1				11.0
GE 65					.7	26.9	89.4	84.3	18.1				18.4
GE 60				.5	9.9	72.6	99.6	98.6	47.1	3.0			28.0
GE 55				4.8	35.1	94.1	100.0	99.8	70.6	15.5	1.0		35.7
GE 50			.2	15.9	65.6	99.2		100.0	88.7	33.3	6.7		43.2
GE 45			2.6	36.6	87.7	100.0			97.7	55.7	14.3	.4	50.4
GE 40	.5	2.2	8.6	55.5	98.3				99.2	73.9	26.3	2.1	56.3
GE 35	4.2	7.8	27.9	81.3	100.0				100.0	89.2	44.0	10.2	64.4
GE 33	6.9	13.3	36.7	89.7						92.8	52.7	15.8	68.0
GE 30	12.9	21.1	57.8	96.3						97.9	66.9	23.7	73.7
GE 25	21.7	37.8	80.9	99.8						100.0	84.4	38.8	80.8
GE 20	35.2	53.0	91.9	100.0							91.5	54.4	85.9
GE 15	51.4	70.8	99.1								98.6	74.5	91.4
GE 10	69.2	84.7	100.0								99.6	90.9	95.5
GE 5	82.7	92.2									100.0	96.9	97.7
GE 0	94.4	98.8										99.4	99.4
GE -5	97.3	99.8										100.0	99.8
GE -10	99.3	100.0											99.9
GE -15	100.0												100.0
MEAN	15.4	20.3	30.4	41.6	51.8	62.2	70.4	70.1	58.4	45.2	33.6	21.7	43.7
SD	11.00	10.24	6.96	7.25	6.03	4.79	4.08	4.62	7.15	8.10	9.51	9.63	20.09
TOTAL OBS	549	511	581	546	593	591	539	553	514	528	505	518	6528

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 90							.2						.0
GE 85							5.0	6.5					1.0
GE 80						2.2	32.5	38.5	.4				6.2
GE 75					.5	28.9	78.5	79.6	9.9				16.7
GE 70				.2	9.4	71.4	97.8	96.6	42.8	.9			27.0
GE 65				2.6	39.5	95.3	99.6	99.8	77.6	10.8	.2		36.1
GE 60			.2	16.5	72.5	99.5	99.8	100.0	95.1	33.7	1.4		44.0
GE 55			.7	42.7	93.6	100.0	100.0		99.2	63.3	9.5		51.6
GE 50		.4	7.1	70.3	99.7				100.0	84.8	25.5	.4	58.2
GE 45	.9	2.2	30.1	89.9	100.0					93.6	46.3	4.1	64.7
GE 40	3.6	13.1	58.5	98.2						50.5	66.7	14.1	71.7
GE 35	14.4	33.3	81.9	99.8						99.8	81.6	32.6	79.2
GE 33	22.2	42.7	87.6	99.8						100.0	86.7	41.1	82.2
GE 30	30.2	54.6	93.8	100.0							91.5	53.5	85.7
GE 25	49.4	71.8	99.1								97.8	72.8	91.1
GE 20	69.8	85.1	99.7								99.8	89.0	95.4
GE 15	83.4	93.3	100.0								100.0	95.9	97.8
GE 10	96.4	99.4										99.0	99.6
GE 5	99.3	100.0										100.0	99.9
GE 0	100.0												100.0
MEAN	24.5	29.7	40.5	53.1	62.8	71.8	77.6	78.0	68.3	56.3	43.0	30.0	53.3
SD	8.99	8.80	6.65	6.47	5.18	4.13	4.22	4.43	5.14	6.87	8.87	8.56	19.57
TOTAL OBS	549	511	581	546	593	591	539	553	514	528	505	518	6528

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53					83	89	89*			73*	*	*	89*
54	*	*	*	*	*	*	*	*	*	*	*	*	*
55	*	*	*	*	*	*	*	*	*	*	*	*	*
56	*	*	*	*	*	*	*	*	*	*	*	*	*
57	*	*	*	*	*	*	*	*	*	*	*	*	*
58	*	*	*	*	*	*	*	*	*	*	*	*	*
59	*	*	*	*	*	*	*	*	*	*	*	*	*
60	*	*	*	*	*	*	*	*	*	*	*	*	*
61	*	*	*	*	*	*	*	*	*	*	*	*	*
62	*	*	*	*	*	*	*	*	*	*	*	*	*
63	*	*	*	*	*	*	*	*	*	*	*	*	*
64	*	*	*	*	*	*	*	*	*	*	*	*	*
65	*	*	*	*	*	*	*	*	*	*	*	*	*
66	*	*	*	*	*	*	*	*	*	*	*	*	*
67	*	*	*	*	*	*	*	*	*	*	*	*	*
68	*	*	*	*	*	*	*	*	*	*	*	*	*
69	*	*	*	*	*	*	*	*	*	*	*	*	*
70	*	*	*	*	*	*	*	*	*	*	*	*	*
71	50*	55*	64*	75*	80*	87*	87*	96*	84*	73*	71*	51*	96*
72	57*	46*	62*	75*	82*	89*	98*	89*	82*	78*	66*	51*	98*
73	51*	55*	69*	82*	82*	87*	96*	96*	86*	78*	60*	42*	96*
74	48*	42*	59*	69*	87*	89*	89*	96*	86*	73*	66*	48*	96*
75	44*	51*	57*	87*	82*	93*	93*	93*	87*	78*	68*	57*	93*
76	44*	55*	60*	75*	89*	89	89*	89	84*	75*	66*	53*	89*
77	17*	59*	71*	77	86*	93*	100*	91	86*	84*	66*	55*	100*
78	46*	48*	64	77*	87*	87*	102*	95	86*	82*	66*	55*	102*
79	55*	60*	60	73*	86*	86	93*	95*	86*	81*	75*	52*	95*
80	45*	52	66	70	91	91	91	90	84	79	66	52	91*
81	36	52	72	79	84	91	97	93	86	75	55	48	97
82	45	54	63	82	88	90	95	97	88	82	70	48	97
83	46	52	66	81	88	93	90	95	90	77	68	52	95
84	37	50	57	73	82	95	97	99	84	81	70	57	99
85	39	52	64	79	88	90	99	97	86	81	66*	46	99*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	46	41	68	81	86	91	91	93	86	79	61	55	93
87	45	55	61	79	86	97	95	95	86	82	66*	54	97*
88	46	54	63	81	91	97	95	100	91	81	64	57	100
89	52	61	66	88	90	93	95	100	88	79	66	57	100
90	46	55	68	84	82	88							88*

GREATEST	57	61	72	88	91	97	102	100	91	84	75	57	102
TOTAL OBS	549	511	581	546	593	591	539	553	514	528	505	518	6528

THE GREATEST VALUE OF 102 OCCURRED ON 07/26/78

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

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OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
85	-11	-2	16	30	43	52	57	61	46	25	18	10	-11
87	-2	7	16	28	37	52	63	64	37	30	12*	9	-2*
88	7	5	16	32	41	55	64	66	50	30	18	7	5
89	7	10	18	32	41	50	63	59	46	28	14	10	7
90	-8	18	23	28	41	54							-8*

LEAST	-13	-6	10	24	36	45	57	53	37	25	5	-2	-13
TOTAL OBS	549	511	581	546	593	591	539	553	514	528	505	518	6528

THE LEAST VALUE OF -13 OCCURRED ON 01/04/81

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

OPERATING LOCATION: A1
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
53					63	69	75*			57*	*	*	67*
54	*	*	*	*	*	*	*	*	*	*	*	*	0*
55	*	*	*	*	*	*	*	*	*	*	*	*	0*
56	*	*	*	*	*	*	*	*	*	*	*	*	0*
57	*	*	*	*	*	*	*	*	*	*	*	*	0*
58	*	*	*	*	*	*	*	*	*	*	*	*	0*
59	*	*	*	*	*	*	*	*	*	*	*	*	0*
60	*	*	*	*	*	*	*	*	*	*	*	*	0*
61	*	*	*	*	*	*	*	*	*	*	*	*	0*
62	*	*	*	*	*	*	*	*	*	*	*	*	0*
63	*	*	*	*	*	*	*	*	*	*	*	*	0*
64	*	*	*	*	*	*	*	*	*	*	*	*	0*
65	*	*	*	*	*	*	*	*	*	*	*	*	0*
66	*	*	*	*	*	*	*	*	*	*	*	*	0*
67	*	*	*	*	*	*	*	*	*	*	*	*	0*
68	*	*	*	*	*	*	*	*	*	*	*	*	0*
69	*	*	*	*	*	*	*	*	*	*	*	*	0*
70	*	*	*	*	*	*	*	*	*	*	*	*	0*
71	26*	28*	36*	52*	61*	72*	77*	77*	68*	54*	46*	29*	53*
72	32*	31*	41*	53*	61*	71*	79*	74*	65*	56*	41*	31*	53*
73	31*	32*	40*	53*	63*	71*	82*	80*	67*	54*	40*	25*	54*
74	24*	26*	38*	50*	62*	68*	76*	77*	68*	53*	41*	29*	51*
75	25*	30*	39*	55*	62*	71*	77*	80*	72*	58*	48*	28*	54*
76	23*	37*	41*	51*	60*	71	74*	75	66*	56*	38*	32*	52*
77	19*	25*	41*	55	64*	73*	80*	76	69*	59*	43*	34*	54*
78	25*	25*	38	51*	63*	72*	80*	79	68*	55*	43*	27*	53*
79	33*	32*	41	52*	60*	72	76*	78*	67*	58*	42*	33*	54*
80	23*	25	41	50	62	73	76	75	66	54	46	23	52*
81	15	29	42	54	61	72	79	77	68	54	37	29	52
82	24	32	43	54	64	72	78	78	67	59	45	30	54
83	27	27	42	56	65	73	75	80	72	57	43	28	54
84	18	25	37	54	66	74	79	81	69	56	46	31	53
85	19	32	40	53	64	73	80	81	69	58	44*	25	53*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHCN KO
LST TO UTC: -09

PERIOD OF RECORD: 5305-9006
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
86	21	24	41	54	64	73	76	77	68	55	42	35	53
87	25	32	40	52	63	74	77	78	69	60	47*	32	54*
88	28	29	39	52	64	74	77	82	70	57	41	31	54
89	32	36	44	58	65	71	78	79	69	55	44	32	55
90	24	36	44	51	62	70							48*
.....													
MEAN	24.5	29.7	40.5	53.1	62.8	71.8	77.6	78.0	68.3	56.3	43.0	30.0	53.3
.....													
TOTAL OBS	549	511	581	546	593	591	539	553	514	528	505	518	6528
.....													

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

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	24.5	11.121	179	6	130	0	0	0	179
03-05	22.7	12.212	180	9	134	0	0	0	180
06-08	21.5	12.451	180	9	143	0	0	0	180
09-11	27.3	9.946	120	1	79	0	0	0	120
12-14	33.6	8.107	180	0	75	0	0	0	180
15-17	35.3	7.790	180	0	60	0	0	0	180
18-20	30.1	8.923	180	0	102	0	0	0	180
21-23	26.9	10.002	180	1	119	0	0	0	180
ALL HOURS	27.8	11.237	1379	26	842	0	0	0	1379

MONTH: FEB

00-02	30.5	7.341	165	0	100	0	0	0	165
03-05	28.7	7.988	165	0	106	0	0	0	165
06-08	27.5	8.317	166	0	113	0	0	0	166
09-11	35.3	7.101	112	0	46	0	0	0	112
12-14	42.8	6.275	168	0	6	0	0	0	168
15-17	44.3	5.973	168	0	3	0	0	0	168
18-20	38.0	6.518	166	0	42	0	0	0	166
21-23	33.0	6.502	163	0	78	0	0	0	163
ALL HOURS	35.0	9.269	1273	0	494	0	0	0	1273

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	37.7	6.202	186	0	41	0	0	0	186
03-05	35.4	6.805	186	0	68	0	0	0	186
06-08	34.7	7.110	186	0	83	0	0	0	186
09-11	44.1	5.432	124	0	1	0	0	0	124
12-14	50.8	6.589	186	0	0	1	0	0	186
15-17	53.1	7.244	186	0	0	7	0	0	186
18-20	47.2	6.090	186	0	3	0	0	0	186
21-23	41.6	5.590	186	0	14	0	0	0	186
ALL HOURS	43.0	9.237	1426	0	210	8	0	0	1426

MONTH: APR

00-02	46.3	6.481	170	0	2	2	0	0	170
03-05	43.7	6.772	171	0	6	1	0	0	171
06-08	43.7	6.546	168	0	6	0	0	0	168
09-11	57.8	7.844	112	0	0	19	1	0	112
12-14	64.5	9.353	165	0	0	78	9	0	165
15-17	65.9	10.463	165	0	0	95	20	0	165
18-20	59.7	8.713	165	0	0	45	2	0	165
21-23	51.5	6.694	167	0	0	5	0	0	167
ALL HOURS	53.9	11.775	1283	0	14	245	32	0	1283

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	56.0	4.651	180	0	0	1	0	0	180
03-05	54.1	4.976	180	0	0	0	0	0	180
06-08	55.1	5.172	180	0	0	4	0	0	180
09-11	65.8	6.318	120	0	0	67	0	0	120
12-14	71.8	7.511	180	0	0	145	23	0	180
15-17	72.8	8.325	179	0	0	145	40	0	179
18-20	66.5	7.024	180	0	0	105	7	0	180
21-23	59.4	4.826	181	0	0	20	0	0	181
ALL HOURS	62.5	9.445	1380	0	0	487	70	0	1380

MONTH: JUN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 0	LE 32	GE 65	GE 80	GE 93	
00-02	64.1	4.639	180	0	0	74	0	0	180
03-05	62.3	5.011	180	0	0	44	0	0	180
06-08	63.5	4.922	180	0	0	66	0	0	180
09-11	72.4	5.011	120	0	0	106	8	0	120
12-14	76.4	6.614	180	0	0	166	59	0	180
15-17	77.5	7.433	180	0	0	168	75	3	180
18-20	73.3	6.127	180	0	0	164	26	0	180
21-23	67.2	4.023	180	0	0	123	0	0	180
ALL HOURS	69.5	8.059	1380	0	0	911	168	3	1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	71.5	4.034	90	0	0	84	2	0	90
03-05	70.1	4.797	90	0	0	76	2	0	90
06-08	71.1	4.652	90	0	0	81	4	0	90
09-11	78.2	5.119	58	0	0	58	23	0	58
12-14	82.3	6.018	87	0	0	87	58	0	87
15-17	83.8	5.824	87	0	0	87	64	2	87
18-20	80.0	5.253	87	0	0	87	49	0	87
21-23	74.4	3.864	87	0	0	85	4	0	87
ALL HOURS	76.3	7.114	676	0	0	645	206	2	676

MONTH: AUG

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	71.5	3.911	93	0	0	86	0	0	93
03-05	69.9	4.466	93	0	0	77	0	0	93
06-08	70.5	4.475	93	0	0	80	0	0	93
09-11	80.6	4.127	62	0	0	62	38	0	62
12-14	85.6	5.455	93	0	0	93	82	7	93
15-17	86.5	6.779	93	0	0	93	77	17	93
18-20	80.6	6.199	93	0	0	92	51	4	93
21-23	74.1	3.999	93	0	0	89	6	0	93
ALL HOURS	77.3	8.203	713	0	0	672	254	28	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	62.2	6.006	90	0	0	33	0	0	90
03-05	60.2	6.505	90	0	0	18	0	0	90
06-08	59.9	6.841	90	0	0	21	0	0	90
09-11	71.2	5.957	60	0	0	53	2	0	60
12-14	76.9	5.889	90	0	0	87	32	0	90
15-17	77.0	5.955	90	0	0	84	35	0	90
18-20	69.5	5.720	90	0	0	69	1	0	90
21-23	64.2	5.330	90	0	0	47	0	0	90
ALL HOURS	67.5	8.970	690	0	0	412	70	0	690

MONTH: OCT

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	46.6	6.606	93	0	3	0	0	0	93
03-05	44.4	7.308	93	0	4	0	0	0	93
06-08	43.8	7.351	93	0	5	0	0	0	93
09-11	56.2	6.533	62	0	0	4	0	0	62
12-14	64.7	6.765	93	0	0	40	0	0	93
15-17	65.2	6.578	93	0	0	43	0	0	93
18-20	55.6	5.763	93	0	0	4	0	0	93
21-23	49.8	5.592	93	0	0	0	0	0	93
ALL HOURS	53.1	10.475	713	0	12	91	0	0	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	39.0	10.177	84	0	27	0	0	0	84
03-05	37.5	10.581	84	0	28	0	0	0	84
06-08	36.3	11.195	84	0	37	0	0	0	84
09-11	43.4	10.094	56	0	9	0	0	0	56
12-14	50.4	9.222	84	0	5	0	0	0	84
15-17	50.7	8.850	84	0	3	1	0	0	84
18-20	43.4	9.299	84	0	14	0	0	0	84
21-23	40.0	9.659	84	0	19	0	0	0	84
ALL HOURS	42.5	11.134	644	0	142	1	0	0	644

MONTH: DEC

00-02	27.3	7.319	89	0	75	0	0	0	89
03-05	25.7	8.217	90	0	78	0	0	0	90
06-08	25.2	8.348	90	0	78	0	0	0	90
09-11	32.0	6.675	60	0	31	0	0	0	60
12-14	39.0	7.222	90	0	20	0	0	0	90
15-17	39.6	7.219	90	0	17	0	0	0	90
18-20	32.8	6.455	86	0	39	0	0	0	86
21-23	29.3	6.718	84	0	63	0	0	0	84
ALL HOURS	31.4	9.094	679	0	401	0	0	0	679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	46.7	17.080	1599	6	378	280	2	0	1599
03-05	44.7	17.366	1602	9	424	216	2	0	1602
06-08	44.6	18.165	1600	9	465	252	4	0	1600
09-11	53.9	18.036	1066	1	166	369	72	0	1066
12-14	60.0	18.243	1596	0	106	697	263	7	1596
15-17	61.2	18.217	1595	0	83	723	311	22	1595
18-20	55.3	18.188	1590	0	200	566	136	4	1590
21-23	49.7	17.004	1588	1	293	369	10	0	1588
ALL HOURS	51.9	18.930	12236	26	2115	3472	800	33	12236

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	23.4	10.714	179	136	0	0	0	0	179
03-05	21.8	11.743	180	141	0	0	0	0	180
06-08	20.7	11.931	180	146	0	0	0	0	180
09-11	25.7	9.642	120	85	0	0	0	0	120
12-14	30.3	7.773	180	99	0	0	0	0	180
15-17	31.3	7.189	180	90	0	0	0	0	180
18-20	27.8	8.439	180	123	0	0	0	0	180
21-23	25.5	9.545	180	132	0	0	0	0	180
ALL HOURS	25.8	10.416	1379	952	0	0	0	0	1379

MONTH: FEB

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	29.1	6.733	165	109	0	0	0	0	165
03-05	27.7	7.473	165	112	0	0	0	0	165
06-08	26.7	7.883	166	122	0	0	0	0	166
09-11	32.5	6.054	112	54	0	0	0	0	112
12-14	37.1	4.937	168	28	0	0	0	0	168
15-17	37.9	4.531	168	24	0	0	0	0	168
18-20	34.2	5.427	166	63	0	0	0	0	166
21-23	30.8	5.875	163	95	0	0	0	0	163
ALL HOURS	32.0	7.395	1273	607	0	0	0	0	1273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	35.6	5.879	186	52	3	0	0	0	186
03-05	34.0	6.498	186	78	0	0	0	0	186
06-08	33.4	6.790	186	87	0	0	0	0	186
09-11	39.7	4.762	124	8	2	0	0	0	124
12-14	43.4	4.529	186	3	14	0	0	0	186
15-17	44.4	4.726	186	4	19	0	0	0	186
18-20	41.4	4.881	186	9	9	0	0	0	186
21-23	38.3	5.464	186	20	4	0	0	0	186
ALL HOURS	38.7	6.832	1426	261	51	0	0	0	1426

MONTH: APR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
00-02	42.9	5.266	170	4	25	0	0	0	170
03-05	41.2	5.755	171	9	11	0	0	0	171
06-08	41.2	5.804	168	9	11	0	0	0	168
09-11	48.5	4.981	111	0	42	0	0	0	111
12-14	51.4	4.643	165	0	112	0	0	0	165
15-17	52.5	5.179	165	0	121	1	0	0	165
18-20	49.9	5.285	165	0	98	0	0	0	165
21-23	45.9	5.032	167	0	44	0	0	0	167
ALL HOURS	46.5	6.803	1282	22	464	1	0	0	1282

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	53.3	4.430	180	0	144	0	0	0	180
03-05	52.1	4.691	180	0	126	0	0	0	180
06-08	52.5	4.654	180	0	132	0	0	0	180
09-11	58.0	3.957	120	0	116	2	0	0	120
12-14	60.5	3.912	180	0	179	11	0	0	180
15-17	61.0	4.254	179	0	178	17	0	0	179
18-20	58.4	4.447	180	0	173	3	0	0	180
21-23	55.1	4.138	181	0	165	0	0	0	181
ALL HOURS	56.3	5.454	1380	0	1213	33	0	0	1380

MONTH: JUN

00-02	61.4	4.277	180	0	180	19	0	0	180
03-05	60.3	4.717	180	0	177	16	0	0	180
06-08	60.8	4.511	180	0	179	22	0	0	180
09-11	65.0	3.686	120	0	120	46	0	0	120
12-14	66.8	3.542	180	0	180	100	8	0	180
15-17	67.3	3.727	180	0	180	113	11	0	180
18-20	65.9	4.241	180	0	180	86	12	0	180
21-23	63.4	4.014	180	0	180	37	1	0	180
ALL HOURS	63.8	4.874	1380	0	1376	439	32	0	1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	69.3	4.395	90	0	90	65	25	0	90
03-05	68.4	4.577	90	0	90	53	19	0	90
06-08	68.8	4.453	90	0	90	62	23	0	90
09-11	72.2	3.780	58	0	58	54	24	0	58
12-14	73.8	3.355	87	0	87	86	51	2	87
15-17	74.3	3.322	87	0	87	87	56	0	87
18-20	73.2	3.799	87	0	87	82	49	0	87
21-23	71.4	4.134	87	0	87	80	37	0	87
ALL HOURS	71.4	4.613	676	0	676	569	284	2	676

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	68.7	3.759	93	0	93	66	13	0	93
03-05	67.8	4.273	93	0	93	56	10	0	93
06-08	67.8	4.097	93	0	93	58	8	0	93
09-11	71.9	2.541	62	0	62	61	25	0	62
12-14	73.8	2.898	93	0	93	91	59	1	93
15-17	74.5	3.038	93	0	93	93	69	4	93
18-20	72.9	3.419	93	0	93	89	51	2	93
21-23	70.1	3.688	93	0	93	74	30	0	93
ALL HOURS	70.9	4.343	713	0	713	588	265	7	713

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: SEP

HOURS LST	MFAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 90	
00-02	60.8	5.893	90	0	83	17	0	0	90
03-05	59.4	6.164	90	0	78	12	0	0	90
06-08	58.8	6.383	90	0	78	10	0	0	90
09-11	64.5	4.755	60	0	60	21	0	0	60
12-14	66.5	4.193	90	0	90	48	3	0	90
15-17	66.8	4.138	90	0	90	54	4	0	90
18-20	64.4	4.789	90	0	90	39	0	0	90
21-23	61.8	5.240	90	0	90	16	0	0	90
ALL HOURS	62.8	5.983	690	0	659	217	7	0	690

MONTH: OCT

00-02	45.6	6.467	93	3	32	0	0	0	93
03-05	43.8	7.006	93	5	22	0	0	0	93
06-08	43.3	7.045	93	5	22	0	0	0	93
09-11	50.5	5.377	62	0	38	0	0	0	62
12-14	54.8	5.102	93	0	82	0	0	0	93
15-17	54.9	5.045	93	0	87	0	0	0	93
18-20	50.8	5.498	93	0	58	0	0	0	93
21-23	47.6	5.601	93	0	41	0	0	0	93
ALL HOURS	48.8	7.399	713	13	382	0	0	0	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL HOURS
				LE 32	GE 50	GE 67	GE 73	GE 80	
00-02	38.0	10.179	84	27	13	0	0	0	84
03-05	36.9	10.743	84	28	14	0	0	0	84
06-08	35.7	11.147	84	37	15	0	0	0	84
09-11	40.4	9.833	56	13	15	0	0	0	56
12-14	44.4	8.567	84	12	27	0	0	0	84
15-17	44.4	8.104	84	10	26	0	0	0	84
18-20	40.3	9.361	84	18	20	0	0	0	84
21-23	38.4	7.922	84	22	15	0	0	0	84
ALL HOURS	39.8	10.211	644	167	145	0	0	0	644

MONTH: DEC

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	26.8	7.261	89	75	0	0	0	0	89
03-05	25.3	8.133	90	78	3	0	0	0	90
06-08	24.8	8.269	90	78	0	0	0	0	90
09-11	30.5	6.402	60	35	0	0	0	0	60
12-14	34.6	5.855	90	26	2	0	0	0	90
15-17	35.2	5.937	90	24	3	0	0	0	90
18-20	30.9	6.272	86	46	0	0	0	0	86
21-23	28.4	6.667	84	65	0	0	0	0	84
ALL HOURS	29.5	7.920	679	427	8	0	0	0	679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	44.7	16.496	1599	406	663	167	38	0	1599
03-05	43.3	16.899	1602	451	614	137	29	0	1602
06-08	43.0	17.417	1600	484	620	152	31	0	1600
09-11	48.4	16.388	1065	195	513	184	49	0	1065
12-14	51.6	15.186	1596	168	866	336	121	3	1596
15-17	52.3	15.041	1595	152	884	365	140	4	1595
18-20	49.5	15.996	1590	259	808	299	112	2	1590
21-23	46.7	16.174	1588	334	719	207	68	0	1588
ALL HOURS	47.4	16.568	12235	2449	5687	1847	588	9	12235

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	20.5	11.534	179	116	15	179	0	179
03-05	19.2	12.263	180	127	16	180	0	180
06-08	18.3	12.405	180	128	10	180	0	180
09-11	21.3	11.554	120	79	7	120	0	120
12-14	23.7	10.644	180	107	15	180	0	180
15-17	23.9	9.757	180	114	16	180	0	180
18-20	22.8	9.901	180	109	12	180	0	180
21-23	21.9	10.413	180	109	12	180	0	180
ALL HOURS	21.4	11.241	1379	889	103	1379	0	1379

MONTH: FEB

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	26.2	7.371	165	98	15	165	0	168
03-05	25.5	7.859	165	98	11	165	0	168
06-08	24.7	8.263	166	113	11	166	0	168
09-11	27.6	7.208	112	55	11	112	0	168
12-14	28.4	7.641	168	78	28	168	0	168
15-17	28.2	8.093	168	73	28	168	0	168
18-20	28.0	7.182	166	75	14	166	0	168
21-23	26.6	7.323	163	85	14	163	0	168
ALL HOURS	26.9	7.764	1273	675	132	1273	0	1273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	32.1	7.057	186	49	46	186	0	186
03-05	31.6	7.138	186	55	44	186	0	186
06-08	31.2	7.484	186	63	46	186	0	186
09-11	33.6	6.894	124	25	44	124	0	124
12-14	34.0	7.219	186	32	67	186	0	186
15-17	33.7	8.088	186	41	66	186	0	186
18-20	33.9	7.059	186	35	67	186	0	186
21-23	33.6	7.334	186	35	62	186	0	186
ALL HOURS	32.9	7.412	1426	335	442	1426	0	1426

MONTH: APR

00-02	38.9	6.188	170	2	109	170	0	165
03-05	38.1	6.403	171	8	105	171	0	165
06-08	38.0	6.458	168	7	95	168	0	165
09-11	38.5	7.818	111	11	65	111	0	165
12-14	37.9	8.142	165	19	92	165	0	165
15-17	39.2	8.426	165	16	105	163	0	165
18-20	39.8	7.860	165	14	110	165	0	165
21-23	39.7	6.661	167	6	117	167	0	165
ALL HOURS	38.8	7.315	1282	83	798	1280	0	1282

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	51.0	5.004	180	0	180	154	0	180
03-05	50.5	5.024	180	0	180	158	0	180
06-08	50.5	4.924	180	0	180	160	0	180
09-11	52.0	5.352	120	0	120	102	0	120
12-14	52.2	6.057	180	1	176	138	1	180
15-17	52.4	6.877	179	2	174	130	3	179
18-20	52.2	5.967	180	0	180	132	0	180
21-23	51.7	4.923	181	0	181	145	0	181
ALL HOURS	51.5	5.630	1380	3	1371	1119	4	1380

MONTH: JUN

00-02	59.5	5.350	180	0	180	43	20	180
03-05	58.9	5.300	180	0	180	54	23	180
06-08	58.9	5.242	180	0	180	53	26	180
09-11	60.4	5.215	120	0	120	25	23	180
12-14	61.0	5.066	180	0	180	36	39	180
15-17	61.4	5.091	180	0	180	35	44	180
18-20	61.4	5.710	180	0	180	38	46	180
21-23	60.9	5.002	130	0	180	35	31	180
ALL HOURS	60.3	5.386	1380	0	1380	319	252	1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	68.1	4.707	90	0	90	1	64	90
03-05	67.4	4.708	90	0	90	2	57	90
06-08	67.5	4.853	90	0	90	3	62	90
09-11	69.2	4.514	58	0	58	0	50	58
12-14	69.8	4.760	87	0	87	0	75	87
15-17	70.0	4.404	87	0	87	0	75	87
18-20	70.0	4.462	87	0	87	0	72	87
21-23	69.7	4.625	87	0	87	1	71	87
ALL HOURS	68.9	4.795	676	0	676	7	526	676

MONTH: AUG

00-02	67.1	4.199	93	0	93	0	62	93
03-05	66.5	4.480	93	0	93	2	55	93
06-08	66.2	4.349	93	0	93	2	54	93
09-11	67.7	3.987	62	0	62	0	44	93
12-14	68.2	4.479	93	0	93	2	69	93
15-17	68.9	3.968	93	0	93	0	73	93
18-20	69.1	4.499	93	0	93	2	77	93
21-23	67.9	4.648	93	0	93	0	67	93
ALL HOURS	67.7	4.503	713	0	713	8	501	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
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	59.8	5.979	90	0	90	21	17	90
03-05	58.9	6.011	90	0	90	23	13	90
06-08	59.1	6.195	90	0	90	27	13	90
09-11	60.3	5.605	60	0	60	11	10	60
12-14	60.3	5.423	90	0	90	21	19	90
15-17	60.6	5.955	90	0	90	21	20	90
18-20	61.2	5.818	90	0	90	21	27	90
21-23	60.3	5.662	90	0	90	21	17	90
ALL HOURS	59.9	5.943	690	0	690	166	136	690

MONTH: OCT

00-02	44.5	6.842	93	0	86	88	0	93
03-05	43.2	7.011	93	3	82	89	0	93
06-08	42.8	6.993	93	1	73	93	0	93
09-11	44.8	7.412	62	2	56	59	0	93
12-14	46.0	7.874	93	3	86	87	0	93
15-17	45.6	8.238	93	3	82	85	0	93
18-20	46.2	7.548	93	1	85	92	0	93
21-23	45.4	6.756	93	1	87	92	0	93
ALL HOURS	44.8	7.439	713	14	637	685	0	713

E - 5 - 3 - 5

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	36.3	11.379	84	17	41	84	0	84
03-05	35.5	12.042	84	20	38	81	0	84
06-08	34.5	12.072	84	20	33	81	0	84
09-11	36.1	11.769	56	13	26	54	0	56
12-14	37.1	10.538	84	15	42	82	0	84
15-17	36.6	10.242	84	16	42	84	0	84
18-20	36.1	11.217	84	20	43	84	0	84
21-23	35.9	11.552	84	21	40	84	0	84
ALL HOURS	36.0	11.337	644	142	305	634	0	644

MONTH: DEC

00-02	25.1	8.379	89	51	6	89	0	90
03-05	24.0	8.840	90	58	4	90	0	90
06-08	23.7	8.865	90	60	4	90	0	90
09-11	27.4	7.584	60	30	6	60	0	90
12-14	27.4	7.822	90	43	10	90	0	90
15-17	28.1	8.016	90	40	8	90	0	90
18-20	27.3	8.077	86	42	6	86	0	90
21-23	26.4	8.018	84	48	5	84	0	90
ALL HOURS	26.1	8.383	679	372	49	679	0	679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL HOURS
				LE 27	GE 37	LE 55	GE 65	
00-02	42.3	17.279	1599	333	951	1180	163	1599
03-05	41.5	17.537	1602	369	933	1201	148	1602
06-08	41.1	17.814	1600	392	905	1209	155	1600
09-11	43.0	17.201	1065	215	635	778	127	1065
12-14	43.6	16.959	1596	298	966	1155	203	1596
15-17	43.9	17.111	1595	305	971	1142	215	1595
18-20	43.9	17.237	1590	296	967	1152	222	1590
21-23	43.3	17.239	1588	305	968	1158	186	1588
ALL HOURS	42.8	17.329	12235	2513	7296	8975	1419	12235

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	99.4	97.8	88.3	62.6	34.6	84.1	179
03-05	100.0	100.0	100.0	100.0	98.9	96.7	90.0	71.1	40.6	85.8	180
06-08	100.0	100.0	100.0	100.0	98.3	96.7	89.4	77.2	45.6	86.9	180
09-11	100.0	100.0	100.0	95.7	93.3	85.0	75.0	45.8	20.0	77.3	120
12-14	100.0	100.0	98.9	93.9	80.6	62.2	43.9	23.9	8.9	66.3	180
15-17	100.0	100.0	97.2	90.6	77.2	52.8	32.2	22.8	4.4	63.0	180
18-20	100.0	100.0	100.0	98.3	96.7	78.3	58.9	37.8	11.7	73.2	180
21-23	100.0	100.0	100.0	100.0	100.0	95.0	77.2	47.8	23.9	80.4	180
ALL HOURS	100.0	100.0	99.5	97.5	93.0	83.0	69.1	48.7	23.9	77.1	1379

MONTH: FEB

00-02	100.0	100.0	100.0	100.0	98.2	95.2	84.8	57.0	35.2	83.6	165
03-05	100.0	100.0	100.0	100.0	100.0	97.6	90.3	73.9	48.5	87.8	165
06-08	100.0	100.0	100.0	100.0	99.4	95.8	88.6	77.7	60.2	89.1	166
09-11	100.0	100.0	100.0	98.2	87.5	75.0	64.3	44.6	17.9	74.0	112
12-14	100.0	100.0	94.6	82.1	58.9	41.1	25.6	20.2	6.0	58.2	168
15-17	100.0	100.0	89.3	74.4	48.8	36.3	31.0	19.0	10.1	55.8	168
18-20	100.0	100.0	99.4	93.4	81.9	66.3	41.0	30.1	19.3	67.9	166
21-23	100.0	100.0	100.0	98.2	93.3	84.0	63.2	44.8	31.9	77.2	163
ALL HOURS	100.0	100.0	97.8	93.0	83.2	73.7	60.8	45.9	29.0	74.1	1273

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KC
LST TO UTC: - 9

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	98.9	90.3	75.9	57.0	24.2	80.2	186
03-05	100.0	100.0	100.0	100.0	100.0	97.3	88.2	71.0	36.6	85.7	186
06-08	100.0	100.0	100.0	100.0	99.5	96.8	92.5	72.0	41.9	86.8	186
09-11	100.0	100.0	99.2	96.0	83.1	68.5	44.4	29.0	9.7	67.7	124
12-14	100.0	98.4	91.9	79.6	55.4	33.3	21.5	11.8	7.5	55.2	186
15-17	100.0	96.2	86.6	68.8	43.5	29.0	21.0	12.4	8.1	51.5	186
18-20	100.0	100.0	96.8	91.4	75.3	55.4	29.6	17.2	7.5	61.6	186
21-23	100.0	100.0	100.0	98.9	93.5	82.8	62.9	37.1	14.0	73.7	186
ALL HOURS	100.0	99.3	96.7	91.7	81.1	69.2	55.0	38.8	19.1	70.4	1426

MONTH: APR

00-02	100.0	100.0	100.0	98.8	96.5	82.4	68.2	55.3	19.4	77.2	170
03-05	100.0	100.0	100.0	99.4	98.2	92.4	78.4	60.8	33.3	81.8	171
06-08	100.0	100.0	100.0	100.0	99.4	95.2	73.8	56.0	31.5	81.4	168
09-11	100.0	99.1	88.3	67.6	50.5	32.4	19.8	13.5	6.3	52.0	111
12-14	100.0	89.7	62.4	46.1	27.9	17.6	13.9	12.1	3.6	42.0	165
15-17	100.0	86.1	63.0	44.8	29.1	20.6	17.6	11.5	6.7	43.0	165
18-20	100.0	98.2	88.5	61.2	47.9	34.5	25.5	12.7	1.8	51.7	165
21-23	100.0	100.0	99.4	95.8	81.4	60.5	47.3	30.5	4.2	66.4	167
ALL HOURS	100.0	96.6	87.8	77.4	67.4	55.8	44.4	32.6	13.8	62.6	1282

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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	99.4	95.6	68.3	15.0	83.5	180
03-05	100.0	100.0	100.0	100.0	100.0	100.0	97.2	86.1	32.2	88.0	180
06-08	100.0	100.0	100.0	100.0	99.4	98.9	95.0	77.2	25.6	85.1	180
09-11	100.0	100.0	100.0	90.0	80.0	60.0	36.7	20.0	3.3	63.6	120
12-14	100.0	98.3	91.7	79.4	55.6	36.7	15.0	8.3	.6	53.2	180
15-17	99.4	97.8	89.4	74.9	59.2	30.7	19.0	10.1	.6	52.4	179
18-20	100.0	99.4	97.8	90.0	80.0	59.4	32.2	17.8	3.3	62.6	180
21-23	100.0	100.0	100.0	100.0	98.3	91.2	71.3	41.4	10.5	76.7	181
ALL HOURS	99.9	99.4	97.2	91.9	84.3	72.6	58.7	42.1	11.7	70.9	1380

MONTH: JUN

00-02	100.0	100.0	100.0	98.3	98.3	98.3	92.2	81.1	26.1	85.6	180
03-05	100.0	100.0	100.0	99.4	98.3	97.8	97.2	39.4	40.0	89.3	180
06-08	100.0	100.0	100.0	98.9	98.9	97.2	93.9	79.4	26.7	85.8	180
09-11	100.0	100.0	100.0	98.3	91.7	65.8	37.5	24.2	7.5	67.6	120
12-14	100.0	100.0	99.4	93.9	68.3	47.8	27.8	22.8	6.1	61.3	180
15-17	100.0	100.0	100.0	90.0	64.4	45.6	31.7	21.7	6.7	60.7	180
18-20	100.0	100.0	100.0	96.7	86.1	68.9	45.6	29.4	11.7	68.5	180
21-23	100.0	100.0	100.0	100.0	100.0	97.2	80.6	60.6	13.9	80.8	180
ALL HOURS	100.0	100.0	99.9	96.9	88.1	77.8	64.4	52.2	17.8	75.3	1380

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	98.9	94.4	50.0	89.5	90
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	95.6	60.0	91.2	90
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.9	87.8	48.9	88.9	90
09-11	100.0	100.0	100.0	100.0	98.3	86.2	67.2	32.8	17.2	75.3	58
12-14	100.0	100.0	100.0	96.6	89.7	66.7	44.8	26.4	13.8	68.4	87
15-17	100.0	100.0	100.0	96.6	87.4	67.8	36.8	17.2	2.3	65.1	87
18-20	100.0	100.0	100.0	100.0	96.6	82.8	57.5	31.0	8.0	72.8	87
21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.3	74.7	36.8	85.9	87
ALL HOURS	100.0	100.0	100.0	99.1	96.4	88.2	75.4	59.0	30.5	80.0	676

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	94.6	76.3	35.5	86.0	93
03-05	100.0	100.0	100.0	100.0	100.0	100.0	93.5	91.4	52.7	89.3	93
06-08	100.0	100.0	100.0	100.0	100.0	100.0	93.5	79.6	39.8	86.7	93
09-11	100.0	100.0	100.0	100.0	88.7	56.5	37.1	16.1	3.2	65.9	62
12-14	100.0	100.0	100.0	92.5	66.7	37.6	22.6	8.6	4.3	58.1	93
15-17	100.0	100.0	100.0	90.3	64.5	37.6	22.6	10.8	5.4	58.0	93
18-20	100.0	100.0	100.0	97.8	86.0	69.9	54.8	29.0	15.1	70.2	93
21-23	100.0	100.0	100.0	100.0	98.9	95.7	82.8	62.4	28.0	81.9	93
ALL HOURS	100.0	100.0	100.0	97.5	88.1	75.5	63.8	48.1	23.8	74.9	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 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	100.0	100.0	98.9	66.7	92.1	90
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	85.6	95.5	90
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.9	97.8	73.3	93.9	90
09-11	100.0	100.0	100.0	100.0	95.0	78.3	43.3	20.0	10.0	69.3	60
12-14	100.0	100.0	100.0	98.9	72.2	34.4	11.1	6.7	6.7	57.9	90
15-17	100.0	100.0	100.0	95.6	68.9	38.9	17.8	10.0	6.7	58.8	90
18-20	100.0	100.0	100.0	100.0	98.9	88.9	63.3	43.3	13.3	76.0	90
21-23	100.0	100.0	100.0	100.0	100.0	100.0	95.6	87.8	35.6	87.5	90
ALL HOURS	100.0	100.0	100.0	99.3	91.7	80.1	67.2	59.7	38.4	79.3	690

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	100.0	96.8	96.8	67.7	93.0	93
03-05	100.0	100.0	100.0	100.0	100.0	100.0	98.9	96.8	78.5	95.8	93
06-08	100.0	100.0	100.0	100.0	100.0	100.0	100.0	98.9	87.1	96.6	93
09-11	100.0	100.0	100.0	96.8	77.4	66.1	41.9	29.0	11.3	67.8	62
12-14	100.0	100.0	94.6	73.1	47.3	30.1	22.6	15.1	1.1	53.5	93
15-17	100.0	100.0	90.3	71.0	45.2	28.0	18.3	11.8	4.3	52.0	93
18-20	100.0	100.0	100.0	98.9	90.3	76.3	60.2	36.6	11.8	72.3	93
21-23	100.0	100.0	100.0	100.0	98.9	94.6	92.5	76.3	29.0	85.5	93
ALL HOURS	100.0	100.0	98.0	92.3	82.6	74.8	67.5	58.9	37.4	77.5	713

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	100.0	94.0	77.4	57.1	90.1	84
03-05	100.0	100.0	100.0	100.0	100.0	98.8	95.2	83.3	71.4	92.4	84
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.8	86.9	72.6	92.8	84
09-11	100.0	100.0	100.0	100.0	91.1	85.7	62.5	44.6	17.9	75.6	56
12-14	100.0	100.0	100.0	98.8	76.2	45.2	29.8	13.1	8.3	61.2	84
15-17	100.0	100.0	100.0	91.7	67.9	38.1	26.2	14.3	9.5	59.7	84
18-20	100.0	100.0	100.0	100.0	97.6	91.7	67.9	38.1	17.9	75.4	84
21-23	100.0	100.0	100.0	100.0	100.0	96.4	86.9	73.8	41.7	85.0	84
ALL HOURS	100.0	100.0	100.0	98.8	91.6	81.8	70.5	54.3	37.9	79.2	644

MONTH: DEC

00-02	100.0	100.0	100.0	100.0	100.0	100.0	100.0	82.0	60.7	90.5	89
03-05	100.0	100.0	100.0	100.0	100.0	100.0	100.0	88.9	66.7	92.6	90
06-08	100.0	100.0	100.0	100.0	100.0	98.8	96.7	91.1	75.6	93.6	90
09-11	100.0	100.0	100.0	100.0	100.0	90.0	80.0	58.3	35.0	82.8	60
12-14	100.0	100.0	95.6	88.9	77.8	51.1	31.1	24.4	13.3	63.8	90
15-17	100.0	100.0	96.7	91.1	78.9	52.2	32.2	25.6	13.3	64.1	90
18-20	100.0	100.0	100.0	100.0	96.5	88.4	74.4	45.3	31.4	79.9	86
21-23	100.0	100.0	100.0	100.0	100.0	100.0	94.0	69.0	51.2	88.2	84
ALL HOURS	100.0	100.0	99.0	97.3	93.8	84.7	75.7	60.7	43.7	81.8	679

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066 STATION NAME: CAMP CASEY/TONGDUCHON KO PERIOD OF RECORD: JUL 80 - JUN 90
LST TO UTC: - 9 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	99.7	99.1	96.0	88.8	71.8	36.0	85.0	1599
03-05	100.0	100.0	100.0	99.9	99.5	97.9	92.9	81.3	48.8	88.6	1602
06-08	100.0	100.0	100.0	99.9	99.4	97.8	92.0	79.1	47.8	88.0	1600
09-11	100.0	99.9	98.7	94.1	84.8	68.8	49.3	30.8	12.4	69.0	1065
12-14	100.0	98.6	92.9	83.5	62.6	41.4	25.4	16.2	6.3	57.6	1596
15-17	99.9	97.9	91.2	79.3	58.9	38.6	25.5	15.8	6.3	56.2	1595
18-20	100.0	99.7	98.1	92.4	83.6	68.1	46.9	28.6	11.5	67.7	1590
21-23	100.0	100.0	99.9	99.2	95.3	89.5	75.3	53.9	23.1	79.2	1588
ALL HOURS	100.0	99.5	97.6	93.5	85.6	75.0	62.6	47.9	24.5	74.1	12235

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PPPPPPPP	AAAAAAAA	RRRRRRRR	TTTTTTTTTT	FFFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPPP	AA AA	RRRRRRRR	TT	FFFFFF
PPPPPPPP	AAAAAAAAAA	RRRRRRRR	TT	FFFFFF
PP	AAAAAAAAAA	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

F - 1 - 1

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.31	30.27	30.13	29.97	29.92	29.79	29.82	29.79	29.92	30.12	30.25	30.26	30.05
	SD	.170	.138	.169	.139	.133	.154	.116	.117	.128	.088	.134	.160	.239
	TOT OBS	59	55	62	56	60	60	30	31	30	31	28	29	531
0300	MEAN	30.31	30.27	30.13	29.96	29.90	29.78	29.80	29.78	29.92	30.12	30.25	30.25	30.04
	SD	.179	.137	.167	.142	.118	.158	.119	.126	.139	.102	.132	.165	.244
	TOT OBS	60	55	62	57	60	60	30	31	30	31	28	30	534
0600	MEAN	30.30	30.26	30.13	29.97	29.90	29.80	29.81	29.78	29.92	30.12	30.24	30.24	30.04
	SD	.181	.139	.162	.145	.123	.156	.128	.129	.144	.122	.137	.164	.240
	TOT OBS	60	55	62	57	50	60	30	31	30	31	28	30	534
0900	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	MEAN	30.32	30.27	30.13	29.96	29.88	29.79	29.81	29.78	29.91	30.12	30.26	30.26	30.05
	SD	.169	.142	.166	.137	.119	.144	.124	.114	.150	.120	.127	.155	.244
	TOT OBS	60	56	62	55	60	60	29	31	30	31	28	30	532
1500	MEAN	30.27	30.22	30.07	29.91	29.84	29.76	29.77	29.75	29.87	30.07	30.22	30.21	30.00
	SD	.161	.143	.164	.130	.116	.136	.119	.106	.146	.108	.111	.151	.235
	TOT OBS	60	56	62	55	59	60	29	31	30	31	28	30	531
1800	MEAN	30.29	30.23	30.07	29.91	29.84	29.75	29.77	29.75	29.88	30.07	30.23	30.23	30.00
	SD	.160	.136	.165	.126	.109	.140	.120	.103	.144	.095	.106	.150	.241
	TOT OBS	60	56	62	55	60	60	29	31	30	31	28	30	532
2100	MEAN	30.31	30.27	30.11	29.96	29.88	29.78	29.81	29.78	29.92	30.11	30.26	30.25	30.04
	SD	.162	.134	.168	.130	.111	.147	.116	.107	.134	.097	.106	.157	.239
	TOT OBS	60	54	62	55	60	60	29	31	30	31	28	28	528
ALL HOURS	MEAN	30.30	30.26	30.11	29.95	29.88	29.78	29.80	29.77	29.91	30.10	30.24	30.24	30.03
	SD	.170	.140	.168	.138	.122	.149	.122	.116	.142	.108	.123	.158	.241
	TOT OBS	419	387	434	390	419	420	206	217	210	217	196	207	3722

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0000	MEAN	30.09	30.05	29.91	29.75	29.70	29.57	29.60	29.57	29.70	29.90	30.03	30.04	29.83
	SD	.170	.138	.169	.139	.133	.152	.117	.116	.128	.088	.134	.160	.238
	TOT OBS	59	55	62	56	60	61	29	31	30	31	28	29	531
0300	MEAN	30.09	30.05	29.91	29.74	29.68	29.56	29.58	29.56	29.70	29.90	30.03	30.03	29.82
	SD	.179	.137	.167	.142	.118	.157	.117	.125	.139	.102	.132	.165	.243
	TOT OBS	60	55	62	57	60	60	30	31	30	31	28	30	534
0600	MEAN	30.08	30.04	29.91	29.75	29.68	29.58	29.59	29.56	29.70	29.90	30.02	30.02	29.82
	SD	.181	.139	.162	.145	.123	.154	.126	.128	.144	.122	.137	.164	.240
	TOT OBS	60	55	62	57	60	60	30	31	30	31	28	30	534
0900	MEAN	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00	.00
	SD	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000	.000
	TOT OBS	0	0	0	0	0	0	0	0	0	0	0	0	0
1200	MEAN	30.10	30.05	29.91	29.74	29.66	29.57	29.59	29.56	29.69	29.90	30.04	30.04	29.83
	SD	.169	.142	.166	.137	.119	.143	.122	.113	.150	.120	.127	.155	.244
	TOT OBS	60	56	62	55	60	60	29	31	30	31	28	30	532
1500	MEAN	30.05	30.00	29.85	29.69	29.63	29.54	29.56	29.53	29.65	29.85	30.00	29.99	29.78
	SD	.161	.143	.164	.130	.115	.135	.117	.105	.146	.108	.111	.151	.235
	TOT OBS	60	56	62	55	59	60	29	31	30	31	28	30	531
1800	MEAN	30.07	30.01	29.85	29.69	29.62	29.53	29.55	29.53	29.66	29.85	30.01	30.01	29.78
	SD	.160	.136	.165	.126	.109	.139	.119	.103	.144	.095	.106	.150	.240
	TOT OBS	60	56	62	55	60	60	29	31	30	31	28	30	532
2100	MEAN	30.09	30.05	29.89	29.74	29.66	29.56	29.59	29.56	29.70	29.89	30.04	30.03	29.82
	SD	.162	.134	.168	.130	.111	.146	.116	.107	.134	.097	.106	.157	.238
	TOT OBS	60	54	62	55	60	60	29	31	30	31	28	28	528
ALL HOURS	MEAN	30.08	30.04	29.89	29.73	29.66	29.56	29.58	29.55	29.69	29.88	30.02	30.02	29.81
	SD	.170	.140	.168	.138	.122	.148	.120	.115	.142	.108	.123	.158	.241
	TOT OBS	419	387	434	390	419	421	205	217	210	217	196	207	3722

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTTT	GGGGG
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	GGGGGGG
PP PP	AA AA	RR RR	TT	GG GG
PP PP	AA AA	RR RR	TT	GG
PPPPPPPP	AA AA	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	GGGGG

PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: J'JL 80 - JUN 90
MONTH: JAN

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				179				180				180	.8			120
CATEGORY B	.5			191				197	.5			213	.7			147

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6			180				180				180				180
CATEGORY B	1.0			205	1.0			200				197	1.0			203

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			840	.1			1379
CATEGORY B	.6			962	.6			1553

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: FEB

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				165				165				166				112
CATEGORY B	.5			185				182				199	1.4	.7		140

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				168				168				166				163
CATEGORY B	2.7	1.1		182	1.1			176	.6			176				171

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				780				1273
CATEGORY B	1.1	.3		873	.8	.2		1411

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				186				186				186				124
CATEGORY B				196	1.5			204				228				149

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.6			186	1.1			186				186				186
CATEGORY B	4.1	.5		196	6.3	1.1		189	1.5	.5		199				194

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6			868	.4			1426
CATEGORY B	2.4	.4		961	1.7	.3		1555

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: APR

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				170				171				169	1.8			112
CATEGORY B				188	.5			190				199	5.7	1.6		122

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.8	1.2		165	5.5			165	1.2			165	.6			167
CATEGORY B	7.5	3.2	1.1	187	7.7	1.1		183	2.2	.6		181	1.1			178

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.3		776	1.7	.2		1284
CATEGORY B	4.5	1.3	.2	872	2.9	.8	.1	1428

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				180				180				180	1.7			120
CATEGORY B	.5			215				228				253	1.4			142

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.2			180	1.1			179				180				181
CATEGORY B	2.5			204	2.4	.5		212	.5			205				197

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0			839	.6			1380
CATEGORY B	1.3	.1		1016	.8	.1		1656

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				180				180				180				120
CATEGORY B	2.0	2.0		203				227				233	.6	.6		155

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.6			180	.6			180				180				180
CATEGORY B	1.4	.5		210	1.0			200				206	.5	.5		198

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			840	.1			1380
CATEGORY B	.6	.2		1004	.7	.4		1632

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				87				87				87				58
CATEGORY B				99	.9			115				108				73

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				87				87				87				87
CATEGORY B	.9			111				99				104				103

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				406				667
CATEGORY B	.2			495	.2			812

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066 STATION NAME: ASHEVILLE RAMP
LST: 000000

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

TABLE 1: PERCENTAGE FREQUENCY OF VISIBILITY (HOURLY OBS ONLY)

TABLE 2: PERCENTAGE FREQUENCY OF CROSSWINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

TIME (LST)	0000 - 0100				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				93				93				93	3.2			62
CATEGORY B				106				117				114	5.5			73

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.2			93	4.3			93				93				93
CATEGORY B	5.0	1.0		101	3.8			104				108				105

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.1			434	1.3			713
CATEGORY B	2.6	.2		500	1.6	.1		828

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				90				90				90				60
CATEGORY B				109				107				116				67

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				90				90	1.1			90				90
CATEGORY B	3.1			97	1.0	1.0		103	1.0	1.0		101				95

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.2			420	.1			690
CATEGORY B	1.0	.4		484	.6	.3		795

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: OCT

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				93				93				93				62
CATEGORY B				112				114	.8			133	1.2			81

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.3			93	1.1			93				93				93
CATEGORY B	5.0	2.0		101	4.0			100	1.9			103				107

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.2			434	.7			713
CATEGORY B	2.5	.4		518	1.5	.2		851

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				84				84				84		1.8		56
CATEGORY B				94				103	1.9			104		1.6		64

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				84				84				84				84
CATEGORY B	4.3	1.1		93	5.6			90	2.3			88	1.1			89

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.3			392	.2			644
CATEGORY B	3.2	.2		439	2.1	.1		725

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JUL 80 - JUN 90
MONTH: DEC

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

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

.....

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				89				90				90				60
CATEGORY B	1.0			97	4.1			97				105				69

.....

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				90				90				86				84
CATEGORY B	.9			107	3.2			93	1.1			90				89

.....

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				416				679
CATEGORY B	1.1			464	1.3			747

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 180-360

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

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

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100				
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	
CATEGORY A				1596				1599				1598		.8			1066
CATEGORY B	.4	.2		1795	.5			1881	.2			2005	1.5	.3			1282

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
SPEED (KTS)	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.5	.1		1596	1.2			1595	.2			1590	.1			1588
CATEGORY B	3.1	.8	.1	1794	3.1	.3		1749	.9	.2		1758	.3	.1		1729

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	.7	.0		7445	.4	.0		12228
CATEGORY B	1.7	.3	.0	8588	1.2	.2	.0	13993

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PPPPPPPP	AAAAAAAA	RRRRRRRR	TT	HHHHHHHH	HHHHHHHH
PP	AAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

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

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

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

HEATING DEGREE DAYS.

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

COOLING DEGREE DAYS.

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

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

NOTE 1. THESE SUMMARIES ARE NOT AVAILABLE FOR PART TIME PERIODS.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JAN 89 - JUN 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1989	****	832	688	****	58	4	****		33	367	****	****	1982
1990	1197	****	669	****	****	8							1874
MEAN	1197	832	678		58	6			33	367			
SD			13.44			2.83							

H - 2 - 1

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 471066

STATION NAME: CAMP CASEY/TONGDUCHON KO
LST TO UTC: - 9

PERIOD OF RECORD: JAN 89 - JUN 90

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1989	****			****	39	154	****	383	110		****	****	686
1990		****		****	****	140							140
MEAN					39	147		383	110				
SD						9.90							

A W S CLIMATIC BRIEF JUN 91	STATION NAME: CAMP CASEY/TONGDUCHON KO												FIELD ELEV: 196 FT	
	LATITUDE/LONGITUDE: 37 55 N 127 03 E												STATION MSC: 471066	
	HOURLY OBS POR: JUL 80 - JUN 90												CALL SIGN: RKST	
	SUMMARY OF DAY POR: MAY 53-JUN 90												SUPERSEDES: JAN 86	
	HOURS SUMMARIZED: 0000 - 2300 LST													
	LST TO UTC: -09													
MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	57	61	72	88	91	97	102	100	91	84	75	57	102	37
MEAN MAX TEMP (F)	33	39	50	64	73	81	84	86	78	67	52	38	62	37
MEAN TEMP (F)	25	30	41	53	63	72	78	78	68	56	43	30	53	37
MEAN MIN TEMP (F)	15	20	30	42	52	62	70	70	58	45	34	22	44	37
EXTRM MIN TEMP (F)	-13	-6	10	24	36	45	57	53	37	25	5	-2	-13	37
D/W TEMP GE 90 (F)	0	0	0	0	1	3	7	9	1	0	0	0	21	37
D/W TEMP GE 80 (F)	0	0	0	1	7	19	24	25	13	1	0	0	90	37
D/W TEMP LT 33 (F)	29	24	20	3	0	0	0	0	0	2	14	26	118	37
D/W TEMP LT 10 (F)	10	4	0	0	0	0	0	0	0	0	#	3	17	37
HEATING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
COOLING DEGREE DAYS	*	*	*	*	*	*	*	*	*	*	*	*	*	*
MEAN DEWPOINT TEMP (F)	21	26	32	38	51	60	68	67	59	44	36	26	42	10
MEAN WET BULB TEMP (F)	23	28	38	46	56	63	71	70	62	48	39	28	48	10
99.95% WCPA (FT)	350	300	550	600	600	800	700	700	650	350	300	400	850	10
MEAN REL HUM 07 LST(%)	86.9	89.1	86.8	81.4	85.1	85.8	88.9	86.7	93.9	96.6	92.8	93.6	88.0	10
MEAN REL HUM 13 LST(%)	66.3	58.2	55.2	42.0	53.2	61.3	68.4	58.1	57.9	53.5	61.2	63.8	57.6	10
MAX 24HR PRECIP (IN)	.89	1.21	3.49	5.20	10.47	6.12	10.18	9.82	11.69	2.54	3.49	1.74	11.69	37
MAX PRECIP (IN)	2.47	4.08	4.73	9.65	13.15	14.84	45.84	28.70	30.19	5.29	7.90	3.12	91.98	37
MEAN PRECIP (IN)	.71	.85	1.55	2.59	2.29	4.54	16.94	12.46	5.63	1.53	1.52	.72	45.21	37
MIN PRECIP (IN)	#	#	.11	#	#	.26	5.08	2.24	.13	#	.10	#	19.69	37
D/W PRECIP GE .01 (IN)	5	4	7	7	7	10	16	13	8	5	7	6	95	37
D/W PRECIP GT .50 (IN)	1	1	1	2	2	3	8	7	3	1	1	1	31	37
MAX 24HR SNFL (IN)	7.0	8.7	5.0	.2	0	#	0	0	0	#	3.3	7.0	8.7	37
MAX SNFL (IN)	18.5	11.1	6.5	.2	0	#	0	0	0	#	3.3	9.7	22.0	37
MEAN SNFL (IN)	5.0	3.4	1.1	0	0	#	0	0	0	#	.3	2.2	11.5	37
D/W SNFL GE .1 (IN)	4	3	1	#	0	0	0	0	0	0	1	2	11	37
D/W SNFL GE 1.5 (IN)	1	1	1	0	0	0	0	0	0	0	1	1	5	37
MAX DLY SNO DEPTH (IN)	7	9	5	#	0	0	0	0	0	0	4	7	9	37
PRVLNG WND DIR (DEG)	\$35-01	\$35-01	\$35-01	\$20-22	\$20-22	\$20-22	\$20-22	\$35-01	35-01	\$35-01	\$35-01	\$35-01	\$35-01	10
MEAN WND SPD (KTS)	2	2	3	3	3	3	3	3	2	2	2	2	3	10
MAX WND SPD (KTS)	26	27	29	40	42	31	45	38	42	33	30	25	45	37
SKY COVER GT 5/10 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
D/W THUNDERSTORMS	0	#	#	1	1	1	2	2	1	1	1	#	10	37
D/W FOG (VSBY LT 7 MI)	14	11	15	15	16	17	23	21	20	21	18	15	206	37
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	20.7	29.1	12.9	10.0	26.1	37.2	17.8	25.8	23.3	26.9	32.1	34.8	24.7	10
	03 - 05	23.9	35.2	21.0	24.0	36.1	46.1	31.1	31.2	38.9	40.9	45.2	37.8	34.3	10
	06 - 08	30.6	39.2	34.4	23.7	51.7	48.3	47.8	30.1	42.2	57.0	48.8	38.9	41.1	10
	09 - 11	35.0	32.1	22.6	17.0	27.5	35.8	41.4	25.8	11.7	22.6	26.8	35.0	27.8	10
	12 - 14	23.9	12.5	12.9	13.9	17.2	23.3	29.9	19.4	6.7	10.8	15.5	22.2	17.3	10
	15 - 17	20.6	10.1	12.4	9.7	15.1	18.9	17.2	14.0	10.0	5.4	10.7	5.6	12.5	10
	18 - 20	21.7	10.8	11.3	9.1	16.7	17.8	18.4	12.9	2.2	4.3	8.3	16.3	12.5	10
	21 - 23	23.9	17.8	12.9	10.2	19.9	25.0	19.5	19.4	7.8	19.4	15.5	27.4	18.2	10
	ALL	24.6	22.9	17.3	14.6	26.2	31.4	27.4	22.2	18.1	23.4	25.3	27.0	23.2	10

CIG LT 1500 FT AND/OR VSBY LT 3 MI	00 - 02	18.4	28.5	9.1	7.6	17.2	35.6	12.2	20.4	17.8	23.7	19.0	33.7	20.3	10
	03 - 05	20.0	35.2	15.1	20.5	29.4	45.0	21.1	24.7	36.7	40.9	34.5	36.7	30.0	10
	06 - 08	27.2	38.0	29.6	21.9	45.6	45.0	35.6	28.0	42.2	50.5	41.7	36.7	36.8	10
	09 - 11	31.7	30.4	19.4	15.2	20.0	30.8	25.9	25.8	10.0	22.6	21.4	35.0	24.0	10
	12 - 14	19.4	9.5	9.1	7.3	12.2	15.6	17.2	12.9	4.4	6.5	8.3	22.2	12.0	10
	15 - 17	15.0	7.1	7.5	6.1	10.6	10.0	3.4	8.6	10.0	4.3	6.0	2.2	7.6	10
	18 - 20	18.9	8.4	8.6	4.2	11.7	13.3	2.3	6.5	1.1	4.3	3.6	15.1	8.2	10
	21 - 23	21.1	16.0	7.5	3.6	15.5	22.2	9.2	14.0	3.3	17.2	1.2	27.4	13.2	10
	ALL	21.0	21.2	13.0	10.7	20.3	27.0	15.5	17.3	15.9	21.2	16.8	25.8	18.9	10

CIG LT 1000 FT AND/OR VSBY LT 2 MI	00 - 02	8.4	10.9	5.9	1.8	7.8	16.7	5.6	10.8	11.1	22.6	2.4	18.0	10.2	10
	03 - 05	11.7	20.0	10.2	12.9	11.1	27.8	17.8	18.3	28.9	31.2	13.1	20.0	18.6	10
	06 - 08	21.1	26.5	17.7	17.2	31.7	27.8	26.7	21.5	40.0	45.2	25.0	32.2	27.7	10
	09 - 11	17.5	20.5	9.7	6.2	9.2	18.3	13.8	17.7	5.0	16.1	17.9	33.3	15.4	10
	12 - 14	11.7	7.7	3.2	2.4	3.9	8.3	8.0	5.4	1.1	1.1	.0	16.7	5.8	10
	15 - 17	6.7	1.2	2.7	3.6	3.4	4.4	.0	3.2	7.8	4.3	2.4	.0	3.3	10
	18 - 20	6.1	.0	1.1	.6	3.9	6.1	1.1	4.3	1.1	3.2	2.4	3.5	2.8	10
	21 - 23	10.0	1.8	3.2	.0	6.1	13.3	.0	8.6	.0	14.0	.0	11.9	5.7	10
	ALL	11.4	10.7	6.6	5.6	9.6	15.2	9.0	10.9	12.2	17.3	7.5	16.3	10.7	10

CIG LT 200 FT AND/OR VSBY LT 1/2 MI	00 - 02	.0	.0	.5	1.2	1.1	.0	.0	1.1	.0	12.9	.0	3.4	1.7	10
	03 - 05	3.3	1.8	3.8	7.0	3.9	1.1	1.1	2.2	6.7	22.6	2.4	3.3	4.9	10
	06 - 08	4.4	5.4	2.2	11.8	4.4	3.9	3.3	.0	18.9	24.7	9.5	2.2	7.6	10
	09 - 11	3.3	3.6	.8	.0	.0	.0	.0	.0	1.7	3.2	3.6	6.7	1.9	10
	12 - 14	.0	1.2	1.6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	10
	15 - 17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	18 - 20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	10
	21 - 23	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1	.0	2.4	.3	10
	ALL	1.3	1.4	1.1	2.6	1.2	.7	.6	.4	3.5	8.3	1.9	2.1	1.9	10

HURRICANES/TROPICAL STORMS OBSERVED FOR THE PERIOD : 1954 - 1986

HR/TS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
60NM	0/0	0/0	0/0	0/0	0/0	0/0	0/2	0/5	0/0	0/0	0/0	0/0	0/7
120NM	0/0	0/0	0/0	0/0	0/0	0/0	2/4	2/10	0/0	0/0	0/0	0/0	4/14
240NM	0/0	0/0	0/0	0/0	0/1	1/3	4/13	5/16	3/1	0/0	0/0	0/0	13/34

REMARKS : ALL SUMMARIES FROM SUMMARY OF DAY DATA (DESIGNATED BY 37 IN YOR COLUMN) WERE TAKEN FROM DATA THAT WAS REPORTED ON A PART TIME BASIS (MAY 53 - FEB 88). DATA ARE MAINLY MISSING FOR 1800-0500 LST DURING THE PART TIME PERIOD. DATA FOR MAR 88 - JUN 90 ARE FULL TIME. THE SAME RULE APPLIES TO THE HOURLY DATA SUMMARIES (DESIGNATED BY 10 IN YOR COLUMN). THE HOURLY DATA SUMMARIES PERIOD OF RECORD ONLY GOES BACK TO JUL 80.