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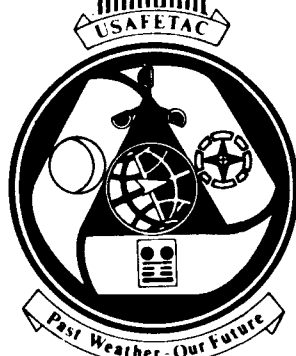
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SURFACE OBSERVATION CLIMATIC SUMMARIES

for

ANSBACH AHP/KATTERBACH, GERMANY



Prepared by

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

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11. SUPPLEMENTARY NOTES: EFFECTIVE JULY 1 1988, THIS PRODUCT REPLACED TWO USAFETAC DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE OBSERVATIONS (RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS). EXISTING RUSSWOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE BY A SOCS.
- 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, ANSBACH AHP, GERMANY, 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 DATA: JAN 82 - DEC 91 (METAR) ALL OF THE DATA IS PART TIME EXCEPT APR 86 - AUG 87.

SUMMARY OF DAY DATA: JUL 46 - MAY 47, APR 86 - AUG 87 (FULL TIME).

SUMMARY OF DAY DATA: MAY 46 - JUN 46, OCT 65 - MAR 86, SEP 87 - DEC 91 (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 DIURNAL VARIATIONS, THE DATA IS SUMMARIZED USING THE FOLLOWING STANDARD 3-HOUR PERIODS (ALL LST):

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

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

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
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. OR SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR			
107550	ANSBACH AHP/KATTERBACH, GERMANY	N 49 19	E 010 38	1532	EDEB	10755			
STATION LOCATION AND INSTRUMENTATION HISTORY									
Nbr of Loc	GEOGRAPHICAL LOCATION & NAME	Type of Station	At This Location		LATITUDE	LONGITUDE	Elev Above MSL		OBS PER DAY
			From	To			FLD (FT)	BARO (FT)	
1	Ansbach AAF, Germany	AAF	May 46	May 47	N 49 19	E 010 38	1550	1526	24
2	Same	AAF	Oct 65	Jul 76	Same	Same	1542	1565	13
3	Same	AAF	Jul 76	Oct 78	Same	Same	1532	Same	13
4	Ansbach AHP/Katterbach, GE	AHP	Oct 78	Jan 88	Same	Same	Same	Same	14
	EDEB works 4-7 Sat Sun and American holidays.	closed		3		3		3	
Nbr of Loc	Date of Change	SURFACE WIND EQUIPMENT INFORMATION				REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE			
		LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND				
1	May 46	Atop Operations Building	Selsyn	None	68 ft				
2	Oct 65	Atop Observation tower	AN/GMQ-11	None	49 ft				
3	Jun 68	Same	Same	RO-2	Same				
4	Sep 70	On control twr, 1/2 mile fm ROS	Same	Same	30 ft				
5	Jan 88	Midpoint of runway 26	AN/GMQ-20	RO-362	12 ft				

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAA
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTTT	AAAAAAA
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

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02		6.9	4.6	14.5		26.0	39.9				65.9	173
03-05		10.4	.9	15.2		26.5	50.6	1.2			78.4	328
06-08		12.2	2.8	15.3		30.2	44.8	1.5			76.5	648
09-11		11.9	1.8	15.7		29.4	39.3	3.1			71.8	670
12-14		11.1	.7	16.0		27.9	31.1	7.7			66.7	673
15-17		10.5	.8	12.9		24.1	30.6	8.2			62.9	660
18-20	.2	12.6	.5	9.7	.2	23.0	42.4	1.5			66.9	601
21-23		9.9	1.3	9.9		21.1	46.1	.8			67.9	393
ALL HOURS	.0	11.2	1.4	13.7	.0	26.4	39.4	3.7			69.5	4146

MONTH: FEB

00-02		6.8	1.4	11.6		19.9	49.3				69.2	146
03-05		9.6		14.2		23.8	55.3	.7			79.8	282
06-08	.2	10.0	.5	16.0		26.6	50.6	3.5			80.7	549
09-11		6.8	.2	20.3		27.2	40.6	7.3			75.1	591
12-14		7.0		16.1		23.1	25.1	18.7			66.9	589
15-17	.2	8.9		15.6		24.6	17.9	21.2			63.7	570
18-20		7.6		15.2		22.7	32.0	13.1			67.8	528
21-23	.3	6.0	.3	13.4		19.7	39.9	5.2			64.8	366
ALL HOURS	.1	7.9	.2	16.0		24.1	36.2	10.6			70.8	3621

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR

HOURS (LST)	TSIMS	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		8.5		7.3		15.8	34.5	1.7			52.0	177
03-05	.3	15.5		8.7		24.2	36.2	4.7			65.0	343
06-08		13.5		9.9		23.4	44.4	6.1			73.8	638
09-11		10.5		6.5		17.0	28.8	18.0			63.9	676
12-14		10.1		5.4		15.5	15.5	18.7			49.7	670
15-17	.3	9.3		4.0		13.3	10.9	20.6			44.8	645
18-20	.2	9.4		5.1		14.5	17.0	15.2			46.6	594
21-23	.2	11.5		5.6		17.1	23.4	7.0			47.5	444
ALL HOURS	.1	11.0		6.4		17.4	24.9	13.4			55.6	4187

MONTH: APR

00-02		5.6		2.2		7.8	41.1				48.9	180
03-05		10.1		3.7		13.9	46.3	1.7			61.9	404
06-08		11.0		5.8		16.8	41.1	4.9			62.8	654
09-11		10.8		4.6		15.4	17.0	15.5			47.9	676
12-14	.1	11.6		3.6		15.2	6.1	13.6			34.9	671
15-17	.6	11.5		2.8		14.2	5.8	11.0			31.1	618
18-20	1.1	13.2		2.7		15.9	9.8	9.6			35.3	561
21-23	.4	11.6		1.9		13.5	21.0	5.2			39.7	534
ALL HOURS	.3	11.2		3.6		14.8	20.7	9.0			44.4	4298

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OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREZ 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	1.6	16.1		.5		16.7	25.8	1.6			44.1	186
03-05	1.1	11.3		.7		12.0	43.0	2.9			57.9	451
06-08		13.8		.3		14.1	37.7	7.7			59.5	676
09-11	.1	14.0		.1		14.1	11.8	12.0			38.0	693
12-14	.9	14.8			.1	15.0	4.2	7.6			26.8	695
15-17	2.1	16.6				16.6	1.9	5.8			24.3	634
18-20	2.3	19.1				19.1	4.3	4.5			27.9	556
21-23	1.8	14.3		.2		14.5	15.1	2.8			32.4	503
ALL HOURS	1.1	15.0		.2	.0	15.2	16.4	6.4			37.9	4394

MONTH: JUN

00-02	1.1	16.1				16.1	40.6	.6			57.2	180
03-05	.6	10.2				10.2	48.9	1.8			60.9	491
06-08	.1	11.9				11.9	36.7	6.0			54.6	687
09-11	.4	12.6			.1	12.7	10.8	9.5			33.0	684
12-14	.9	11.5			.1	11.7	3.4	9.6			24.7	684
15-17	2.2	8.5				8.5	3.9	7.2			19.6	623
18-20	1.8	9.3				9.3	6.3	6.8			22.3	560
21-23	1.7	12.8				12.8	18.9	3.1			34.8	523
ALL HOURS	1.1	11.2			.0	11.3	18.5	6.3			36.1	4432

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
00-02	1.6	6.4				6.4	44.1				50.5	188
03-05	.2	7.1				7.1	45.3	1.6			54.1	492
06-08	.4	7.4				7.4	35.7	6.1			49.3	672
09-11	.3	6.1				6.1	10.9	11.2			28.1	672
12-14	1.0	7.6				7.6	4.2	7.0			18.8	672
15-17	1.3	6.4				6.4	3.0	6.1			15.6	636
18-20	1.4	5.6				5.6	4.3	7.7			17.6	586
21-23	2.1	6.9				6.9	16.0	5.5			28.4	525
ALL HOURS	1.0	6.7				6.7	17.4	6.4			30.6	4443

MONTH: AUG

00-02	1.0	9.7				9.7	30.1	1.0			40.8	196
03-05	.4	6.1				6.1	44.2	2.6			52.9	543
06-08	.3	6.5				6.5	48.5	5.3			60.3	723
09-11	.3	5.3				5.3	13.6	17.1			36.0	720
12-14	.3	7.4				7.4	3.6	13.1			24.1	719
15-17	1.5	6.2				6.2	2.0	7.7			15.9	710
18-20	1.8	5.9				5.9	4.4	7.1			17.4	680
21-23	1.9	5.7				5.7	15.0	8.0			28.7	634
ALL HOURS	.9	6.3				6.3	18.5	8.6			33.5	4925

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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		7.6				7.6	44.3				51.9	210
03-05	.2	8.8				8.8	55.8	.9			65.6	430
06-08		11.7				11.7	57.7	1.8			71.2	657
09-11		6.7				6.7	31.4	13.9			52.0	660
12-14		7.7				7.7	8.3	15.9			32.0	660
15-17	.3	7.8				7.8	5.0	14.2			26.9	657
18-20	1.7	9.7				9.7	12.3	11.4			33.4	641
21-23	1.1	8.9				8.9	27.7	7.7			44.3	549
ALL HOURS	.4	8.7				8.7	27.7	9.4			45.9	4464

MONTH: OCT

00-02		7.5				7.5	50.8	1.0			59.3	199
03-05		11.5		.3		11.7	60.1	.3			72.1	366
06-08		11.2		.1		11.3	66.7	1.0			79.1	670
09-11		10.6				10.6	45.8	9.4			65.7	671
12-14		9.6				9.6	19.8	21.9			51.3	667
15-17		7.6				7.6	13.7	23.4			44.6	659
18-20		6.8				6.8	32.1	8.3		.2	47.4	647
21-23		6.4				6.4	44.0	2.6			53.0	498
ALL HOURS		9.0		.0		9.0	39.4	10.1		.0	58.5	4377

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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		12.8				12.8	47.2	1.0			61.0	195
03-05		13.7	.3	4.0		18.0	53.4	.9			72.3	350
06-08	.2	12.3	.2	4.4		16.8	57.9	1.7			76.4	594
09-11		10.1	.2	4.4		14.6	54.3	5.4			74.2	597
12-14		10.6		4.1		14.7	35.9	14.4			64.9	613
15-17		11.5		3.3		14.7	31.6	15.4			61.7	611
18-20		11.8		2.7		14.5	46.4	6.5			67.5	550
21-23	.2	12.4		3.1		15.6	53.3	2.9			71.8	418
ALL HOURS	.1	11.7	.1	3.5		15.3	46.8	7.1			69.1	3928

MONTH: DEC

00-02		17.0		15.2		32.1	42.0	.9			75.0	112
03-05		13.8	.7	5.4		19.9	46.8	.7			67.3	297
06-08		12.5	.6	5.5		18.6	49.4	2.6			70.6	623
09-11		12.6	.9	10.2		23.8	42.8	4.3			70.9	635
12-14		11.5		5.8		17.3	36.9	9.1			63.3	626
15-17		13.2	.2	6.5		19.9	36.8	8.8			65.5	614
18-20		13.8	.6	5.8		20.2	43.1	4.5			67.8	515
21-23		19.0	.3	7.6		26.9	42.3	2.7			71.9	331
ALL HOURS		13.5	.5	7.0		20.9	42.2	5.0			68.2	3753

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
HOURS: ALL

MONTH	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
JAN	.0	11.2	1.4	13.7	.0	26.4	39.4	3.7			69.5	4146
FEB	.1	7.9	.2	16.0		24.1	36.2	10.6			70.8	3621
MAR	.1	11.0		6.4		17.4	24.9	13.4			55.6	4187
APR	.3	11.2		3.6		14.8	20.7	9.0			44.4	4298
MAY	1.1	15.0		.2	.0	15.2	16.4	6.4			37.9	4394
JUN	1.1	11.2			.0	11.3	18.5	6.3			36.1	4432
JUL	1.0	6.7				6.7	17.4	6.4			30.6	4443
AUG	.9	6.3				6.3	18.5	8.6			33.5	4925
SEP	.4	8.7				8.7	27.7	9.4			45.9	4464
OCT		9.0		.0		9.0	39.4	10.1		.0	58.5	4377
NOV	.1	11.7	.1	3.5		15.3	46.8	7.1			69.1	3928
DEC		13.5	.5	7.0		20.9	42.2	5.0			68.2	3753
ANNUAL	.5	10.2	.2	3.9	.0	14.3	28.4	8.0		.0	50.7	50968

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

MONTH	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
JAN	.3	33.0	6.2	37.9		58.6	78.9	36.3	.8		94.6	630
FEB	.7	30.3	2.2	35.2	.2	53.0	75.6	46.9	1.1		93.0	557
MAR	1.4	39.4	.2	24.3	.6	52.5	66.7	50.0	.3		89.3	634
APR	3.6	44.1		17.1	1.3	50.8	62.0	50.5			84.9	608
MAY	10.5	48.1		1.6	1.6	48.3	54.1	41.1			75.4	630
JUN	11.8	49.2			.8	49.2	56.8	44.5			79.7	620
JUL	11.6	40.0			1.0	40.0	55.1	46.2			75.3	612
AUG	10.9	41.3			.9	41.3	63.6	49.7			83.6	642
SEP	4.1	36.5			.2	36.5	77.3	57.4			89.1	608
OCT	.5	36.0		1.7		36.2	80.4	55.8			92.3	652
NOV	.5	39.7	1.2	20.0	.5	51.1	77.1	43.3	.2		94.4	589
DEC	.5	37.7	3.3	33.9		59.4	78.0	39.1	.5		95.4	608
ANNUAL	4.7	39.7	1.1	14.0	.6	48.0	68.7	46.8	.2		87.2	7390

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550 STATION NAME: ANSBACH AHP/KATTERBACH DL PERIOD OF RECORD: JAN 82 - DEC 91
 LST TO UTC: - 1

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02					1.6	1.1	1.6	1.0				
03-05			.3		1.1	.6	.2	.4	.2			
06-08		.2				.1	.4	.3			.2	
09-11					.1	.4	.3	.3				
12-14				.1	.9	.9	1.0	.3				
15-17		.2	.3	.6	2.1	2.2	1.3	1.5	.3			
18-20	.2		.2	1.1	2.3	1.8	1.4	1.8	1.7			
21-23		.3	.2	.4	1.8	1.7	2.1	1.9	1.1		.2	
ALL HOURS	.0	.1	.1	.3	1.1	1.1	1.0	.9	.4		.1	
TOTAL OBS	4146	3621	4187	4298	4394	4432	4443	4925	4464	4377	3928	3753

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSNS						100.0		1
LIQUID PRECIP	1.5	.9	1.3	.2	14.0	78.4	3.7	464
FREEZING PRECIP	18.6		6.8	8.5	28.8	33.9	3.4	59
FROZEN PRECIP	3.1		17.4	3.8	9.4	55.1	11.3	523
FOG	13.0		9.8	14.7	32.9	27.3	2.4	1635
FOG WITH VIS GE 1/2 MILES	10.1		11.7	15.8	31.9	28.0	2.5	1353
TOTAL OBS	255	7	282	304	733	1246	132	2959

MONTH: FEB HOURS: ALL

TSNS			66.7				33.3	3
LIQUID PRECIP	4.9	1.1	2.5	.7	10.2	70.2	10.5	285
FREEZING PRECIP	14.3					71.4	14.3	7
FROZEN PRECIP	10.4	.2	21.8	14.0	8.0	29.1	16.4	536
FOG	14.8	.1	17.5	25.0	19.8	18.2	4.6	1311
FOG WITH VIS GE 1/2 MILES	12.0	.1	20.1	26.0	17.8	19.2	4.9	1096
TOTAL OBS	297	9	449	576	396	686	204	2617

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSTMS			20.0			80.0		5
LIQUID PRECIP	2.0	.7	10.3	2.0	13.4	61.4	10.3	456
FREEZING PRECIP								
FROZEN PRECIP	4.5	.4	14.8	2.2	3.6	62.8	11.7	223
FOG	17.7		20.2	15.6	13.7	26.6	6.2	1042
FOG WITH VIS GE 1/2 MILES	17.3		20.9	15.0	12.7	28.0	6.1	964
TOTAL OBS	284	13	413	359	256	940	188	2453

MONTH: APR HOURS: ALL

TSTMS			15.4	7.7		38.5	38.5	13
LIQUID PRECIP	2.6		14.5	5.5	3.6	49.5	24.3	469
FREEZING PRECIP								
FROZEN PRECIP	4.5	1.5	45.1	.8	.8	30.8	16.5	133
FOG	16.9	.1	21.3	16.3	7.2	27.2	11.0	889
FOG WITH VIS GE 1/2 MILES	16.0	.1	21.7	16.6	7.0	27.6	10.9	868
TOTAL OBS	196	15	463	281	109	665	303	2032

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSIMS	4.0	2.0	12.0	16.0	8.0	38.0	20.0	50
LIQUID PRECIP	3.9	.2	16.3	3.4	6.5	52.8	17.0	618
FREZING PRECIP								
FROZEN PRECIP								
FOG	17.2		18.1	9.4	9.6	31.5	14.2	720
FOG WITH VIS GE 1/2 MILES	16.6		18.4	9.1	9.6	31.7	14.6	700
TOTAL OBS	186	7	334	161	157	709	266	1820

MONTH: JUN HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSIMS	6.3	8.3	8.3	12.5	10.4	45.8	8.3	48
LIQUID PRECIP	2.8	.4	10.9	1.3	7.7	61.1	16.0	470
FREZING PRECIP								
FROZEN PRECIP								
FOG	13.0		20.2	7.1	8.5	38.0	13.0	820
FOG WITH VIS GE 1/2 MILES	13.0		20.3	7.1	8.8	37.6	13.2	798
TOTAL OBS	158	8	287	123	134	798	269	1777

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSIMS	9.3		11.6	4.7	7.0	44.2	23.3	43
LIQUID PRECIP	5.9	.4	12.2	4.4	9.3	47.8	20.0	270
FREEZING PRECIP								
FROZEN PRECIP								
FOG	21.3		16.9	8.0	6.5	33.9	13.4	775
FOG WITH VIS GE 1/2 MILES	21.0		17.0	8.1	6.4	34.0	13.5	770
TOTAL OBS	226	6	249	137	115	540	235	1508

MONTH: AUG HOURS: ALL

TSIMS	6.7			13.3	13.3	55.6	11.1	45
LIQUID PRECIP	4.9	.7	2.1	.4	8.5	64.4	19.0	284
FREEZING PRECIP								
FROZEN PRECIP								
FOG	25.0	.1	11.9	5.9	9.6	35.3	12.2	913
FOG WITH VIS GE 1/2 MILES	23.5	.1	12.0	5.9	9.7	36.3	12.5	888
TOTAL OBS	314	10	193	162	191	685	221	1776

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSIMS	10.0		10.0	15.0	5.0	40.0	20.0	20
LIQUID PRECIP	6.7		15.1	2.7	6.7	53.0	15.9	372
FREEZING PRECIP								
FROZEN PRECIP								
FOG	26.4		14.7	10.2	12.8	28.9	7.0	1238
FOG WITH VIS GE 1/2 MILES	25.0		14.5	9.8	13.1	30.1	7.4	1141
TOTAL OBS	416	1	329	230	260	712	184	2132

MONTH: OCT HOURS: ALL

TSIMS								
LIQUID PRECIP	1.8	.3	5.1	4.8	15.0	66.2	6.9	393
FREEZING PRECIP								
FROZEN PRECIP								
FOG	24.2	.1	7.5	21.1	22.8	20.0	4.3	1724
FOG WITH VIS GE 1/2 MILES	21.1	.1	7.5	22.7	22.2	21.4	4.9	1464
TOTAL OBS	487	2	194	545	552	742	128	2650

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSIMS						50.0	50.0	2
LIQUID PRECIP	1.8	1.1	6.4	1.3	23.2	53.7	12.5	456
FREEZING PRECIP	66.7					33.3		3
FROZEN PRECIP	3.8	2.3	30.0	6.2	5.4	31.5	20.8	130
FOG	17.0	.1	11.1	17.8	29.3	21.4	3.3	1838
FOG WITH VIS GE 1/2 MILES	15.7		12.9	18.8	25.0	23.6	4.1	1486
TOTAL OBS	355	10	297	441	741	790	157	2791

MONTH: DEC HOURS: ALL

TSIMS								
LIQUID PRECIP	2.8		.4	1.6	16.6	74.7	4.0	505
FREEZING PRECIP	23.5			23.5	29.4	17.6	5.9	17
FROZEN PRECIP	2.5	.4	5.9	3.8	2.9	71.0	13.4	238
FOG	13.9	.1	7.6	19.5	26.8	27.3	4.9	1585
FOG WITH VIS GE 1/2 MILES	12.8	.1	7.0	19.6	25.0	29.9	5.5	1393
TOTAL OBS	264	4	153	385	598	1091	145	2640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTHS: ALL

PHENOMENA	CALM	VARIABLE	350 - 059	060 - 149	150 - 209	210 - 299	300 - 349	NO OF OBS
TSIMS	6.1	2.2	9.6	11.3	8.3	45.2	17.4	230
LIQUID PRECIP	3.2	.4	8.4	2.4	11.3	61.1	13.1	5042
FREEZING PRECIP	20.9		4.7	10.5	25.6	33.7	4.7	86
FROZEN PRECIP	5.6	.4	19.9	6.6	6.4	46.8	14.2	1783
FOG	18.2	.0	13.5	15.5	19.3	26.6	6.8	14490
FOG WITH VIS GE 1/2 MILES	16.8	.0	14.4	15.6	17.6	28.1	7.4	12921
TOTAL OBS	3438	92	3643	3704	4242	9604	2432	27155

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	BBBBBBBB
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	BBBBBBBBB
PP PP	AA AA	RR RR	TT	BB BB
PP PP	AA AA	RR RR	TT	BB BB
PPPPPPP	AAAA AA	RRRRRRRR	TT	BBBBBBBB
PPPPPPP	AAAAAAAA	RRRRRRR	TT	BBBBBBBB
PP	AAAAAAAAA	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 PERIOD.

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NOVE	28.8	36.8	39.0	39.5	39.0	38.9	47.0	45.6	50.3	49.8	38.1	27.1	40.1
TRACE	18.4	16.9	16.9	16.0	10.8	10.5	10.8	11.2	11.7	13.5	15.4	18.1	14.1
.01	7.3	5.6	4.6	7.1	4.5	4.4	3.6	3.1	3.8	4.0	4.8	6.3	4.9
.02-.05	15.5	12.4	15.7	12.2	14.2	13.6	9.6	10.1	8.7	10.7	12.6	13.2	12.4
.06-.10	10.5	10.1	7.9	7.9	6.5	7.1	6.4	8.0	5.1	4.6	8.5	11.0	7.8
.11-.25	12.1	11.0	10.0	10.0	13.1	12.6	8.6	8.0	11.2	8.6	11.3	13.3	10.8
.26-.50	5.8	5.9	4.1	5.4	7.3	7.9	8.0	9.2	5.6	5.5	7.5	8.4	6.7
.51-1.00	1.4	1.1	1.7	1.5	3.2	4.2	5.4	3.6	2.1	2.8	1.5	2.5	2.6
1.01-2.50	.2	.2		.3	1.4	.8	.5	1.2	1.3	.5	.3	.2	.6
2.51-5.00							.2						.0
5.01-10.00													
10.01-20.00													
OVER 20.00													
DAYS WITH MEAS AMTS	52.9	46.3	44.2	44.5	50.2	50.6	42.3	43.2	38.0	36.7	46.6	54.8	45.8
TOTAL NO. OF OBSERVATIONS	626	555	629	607	628	619	613	641	606	652	586	608	7370

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										TRACE*	.90*	2.34	3.24*
66	1.56	1.78	1.65	1.56	3.12	2.27	3.59	3.39	.56	1.70	.77	2.95	24.90
67	1.52	.84	1.60	1.10	1.80	1.52	.98	2.94	1.30	2.58	1.69	2.56*	20.43*
68	2.03*	1.44*	1.28*	.93	1.61	2.63	3.71	5.95	4.73	2.23	.40	1.15	28.09*
69	1.41	1.19	1.35	2.26	1.49	3.53	.75	3.36	.23	.65	2.47	1.89*	20.58*
70	2.24	2.38	.31*	1.19*	1.13	1.04	2.50	2.23*	.30*	1.83	1.07	1.89	18.11*
71	.48	.49	.54	.52	2.05	1.83	.11*	1.69*	1.14*	.57*	1.04*	.43*	10.89*
72	.75*	.15*	.51*	.90*	1.22*	2.48*	2.16*	1.82*	.40*	.98*	1.71*	.43*	13.51*
73	.73*	1.26*	.78*	2.61*	1.24*	1.54*	1.83*	1.36*	.42*	1.46*	2.14*	1.94*	17.31*
74	1.19*	.90*	.75*	.72*	2.27*	2.10*	4.76*	1.66*	1.67*	2.01*	.95*	2.27*	21.25*
75	1.57*	.70*	1.43*	.87*	1.39*	3.25*	1.11*	2.88*	2.90*	1.08*	1.66*	.50*	19.34*
76	1.86*	.62*	.35*	.80*	1.53*	.98*	2.09*	.96*	1.96*	.78*	1.30*	1.22*	14.45*
77	2.57*	2.82*	1.66*	2.43*	.88*	2.30*	1.38*	2.97*	1.08*	1.07*	2.72*	1.44*	23.32*
78	.89*	1.05*	2.11*	1.14*	4.71*	1.88*	2.17*	3.76*	2.14*	2.32*	.18*	1.74*	24.09*
79	2.65*	1.06*	2.64*	2.35*	1.76*	2.42*	2.32*	1.50*	2.09*	.86*	2.86*	3.61*	26.12*
80	1.72*	1.20*	.90*	2.82*	1.69*	2.73*	4.82*	.75*	1.82*	2.52*	.54*	1.27*	22.78*
81	1.17*	.85*	1.29*	.34*	4.53*	1.41*	2.59*	3.10*	2.02*	5.47*	1.26*	3.14*	27.17*
82	1.38*	.79*	1.24*	.78*	1.42*	3.22*	2.45*	2.33*	.71*	2.90*	.96*	3.12*	21.30*
83	1.47*	1.61*	1.53*	2.69*	4.36*	1.55*	.70*	1.89*	2.71*	.85*	1.43*	1.07*	21.86*
84	2.30*	1.58*	.13*	1.08*	4.76*	3.48*	2.16*	1.52*	3.17*	.56*	1.13*	.79*	22.66*
85	1.76*	1.20*	.18*	1.18*	5.12*	1.42*	1.35*	2.87*	1.71*	.11*	2.38*	1.44*	20.72*
86	2.30*	.67*	1.62*	1.24	3.66	1.29	2.62	3.49	1.78	2.80	1.01	2.54	25.02*
87	1.99	2.26	1.39	.62	3.55	5.20	3.70	3.03	2.33	1.55*	1.70*	1.71*	29.03*
88	1.96*	2.37*	5.76*	.89*	1.06*	3.49*	3.89*	1.96*	2.57*	1.35*	1.91*	2.93*	30.14*
89	1.24*	.87*	.70*	2.22*	1.47*	2.17*	2.49*	2.42*	1.08*	2.33*	1.66*	3.35*	22.00*
90	.81*	3.29*	1.23*	1.80*	1.42*	2.60*	3.75*	1.86*	3.44*	2.31*	3.49*	.98*	26.98*
91	1.58*	.56*	1.29*	1.06*	1.98*	4.65*	1.27*	1.48*	2.52*	.44*	2.46*	2.36*	21.65*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	.48	.49	.54	.52	1.13	1.04	.75	2.94	.23	.65	.40	1.15	24.90
GREATEST	2.65	3.29	5.76	2.82	5.12	5.20	4.82	5.95	4.73	5.47	3.49	3.61	30.14
MEAN	1.53	1.49	1.31	1.17	2.30	2.41	2.55	3.69	1.82	1.96	1.23	2.17	
MEDIAN	1.54	1.49	1.39	1.10	1.93	2.05	2.62	3.38	1.54	2.03	1.04	2.34	
SD	.606	.772	.447	.596	.993	1.382	1.256	1.126	1.620	.770	.738	.688	
TOTAL OBS	626	555	629	607	628	619	613	641	606	652	586	608	7370

THE GREATEST VALUE OF 5.95 OCCURRED ON 08/68

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										TRACE*	.41*	.29	.41*
66	.60	.69	.44	.38	.83	.98	.87	.94	.27	.34	.26	.44	.98
67	.29	.31	.43	.36	.49	.31	.29	.71	.37	.66	.39	.91*	.91*
68	.57*	.49*	.73*	.56	.49	.78	1.25	1.51	1.04	.80	.19	.23	1.51*
69	.62	.17	.38	.41	.52	.92	.33	1.07	.08	.24	.90	.49*	1.07*
70	.45	.46	.06*	.42*	.38	.24	.58	.71*	.13*	.54	.22	.32	.71*
71	.12	.20	.15	.18	.63	.46	.06*	.53*	.44*	.43*	.31*	.16*	.63*
72	.21*	.07*	.17*	.22*	.26*	.84*	.88*	1.00*	.15*	.65*	.46*	.32*	1.00*
73	.40*	.30*	.22*	1.07*	.34*	.30*	.32*	.40*	.20*	.35*	.52*	.40*	1.07*
74	.35*	.32*	.17*	.22*	.52*	.58*	.95*	.48*	.45*	.54*	.29*	.40*	.95*
75	.42*	.35*	.67*	.28*	.44*	.91*	.50*	.87*	1.67*	.32*	.35*	.35*	1.67*
76	.25*	.50*	.11*	.48*	.82*	.54*	.73*	.53*	.56*	.19*	.45*	.28*	.82*
77	.63*	.66*	.78*	.83*	.58*	.79*	.75*	1.25*	.37*	.44*	.49*	.55*	1.25*
78	.20*	.24*	.70*	.34*	1.18*	.48*	.87*	1.56*	.52*	.82*	.07*	.70*	1.56*
79	1.15*	.31*	.57*	.56*	.56*	1.43*	.83*	.37*	1.20*	.47*	.59*	.66*	1.43*
80	.60*	.30*	.17*	.80*	.70*	.82*	1.24*	.19*	.58*	.75*	.37*	.36*	1.24*
81	.30*	.21*	.34*	.21*	1.23*	.45*	.92*	1.67*	1.06*	1.90*	.47*	.61*	1.90*
82	.40*	.34*	.32*	.36*	.48*	.77*	.90*	.54*	.45*	.61*	.37*	.73*	.90*
83	.44*	.52*	.47*	1.18*	.99*	.33*	.46*	1.04*	1.18*	.31*	1.19*	.69*	1.19*
84	.35*	.63*	.06*	.64*	1.16*	1.71*	.73*	.88*	1.09*	.21*	.93*	.23*	1.71*
85	.23*	.48*	.08*	.32*	1.49*	.44*	.28*	.53*	.77*	.05*	.65*	.36*	1.49*
86	.30*	.62*	.31*	.40	.81	.54	.59	.76	.44	.61	.34	.40	.81*
87	.45	.35	.52	.23	1.09	.99	.60	.79	.43	.53*	.34*	.68*	1.09*
88	.82*	.43*	.73*	.57*	.37*	1.61*	1.19*	.82*	.63*	.33*	.67*	.77*	1.61*
89	.62*	.41*	.16*	.54*	.80*	.51*	.73*	1.08*	.52*	1.21*	1.02*	.79*	1.21*
90	.31*	1.43*	.40*	.36*	.60*	.58*	2.60*	.60*	1.78*	.79*	.78*	.22*	2.60*
91	.87*	.22*	.53*	.31*	1.04*	1.10*	.41*	.91*	1.91*	.21*	.41*	1.03*	1.91*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	1.15	1.43	.78	1.18	1.49	1.71	2.60	1.67	1.91	1.90	1.19	1.03	2.60
TOTAL OBS	626	555	629	607	628	619	613	641	606	652	586	608	7370

THE GREATEST VALUE OF 2.60 OCCURRED ON 07/02/90

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	55.9	58.9	71.0	81.1	98.4	100.0	100.0	100.0	100.0	97.7	76.5	59.0	83.5
TRACE	19.6	19.5	16.5	11.7	1.4					2.1	14.2	19.1	8.5
0.1-0.4	6.7	6.1	4.1	2.1	.2					.2	3.4	5.4	2.3
0.5-1.4	10.1	9.2	5.2	3.5							3.1	9.1	3.3
1.5-2.4	3.2	3.1	2.1	1.0							1.2	3.1	1.1
2.5-3.4	2.9	2.0	.2	.3							1.2	2.8	.8
3.5-4.4	.6	.5	.5	.2							.2	1.2	.3
4.5-6.4	.8	.7	.3									.3	.2
6.5-10.4	.2		.2								.3		.1
10.5-15.4				.2									.0
15.5-25.4													
25.5-50.4													
OVER 50.4													
DAYS WITH MEAS AMTS	24.4	21.6	12.5	7.2	.2					.2	9.4	21.9	7.9
TOTAL NO. OF OBSERVATIONS	626	555	630	608	629	620	610	642	607	652	586	607	7372

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										.0*	1.0*	5.1*	6.1*
66	7.6	.0	12.4	.0	.0	.0	.0*	.0	.0	.0	1.8	13.4	35.2*
67	8.3	1.7	.3	3.1	.0	.0	.0	.0	.0	TRACE	TRACE	6.8*	20.2*
68	7.4*	2.0*	4.0*	.8	.0	.0	.0	.0	.0	.0	.4	10.7	25.3*
69	8.3	13.7	2.0	2.1	.0	.0	.0	.0	.0	.0	9.9	14.4*	50.4*
70	4.7	15.8	6.4*	5.6*	TRACE	.0	.0	.0*	.0*	TRACE	TRACE	11.2	43.7*
71	TRACE	6.1	10.5	TRACE	.0	.0	.0*	.0*	.0*	TRACE*	2.9*	1.8*	21.3*
72	8.2*	.7*	1.7*	.2*	.0*	.0*	.0*	.0*	.0*	.2*	8.5*	TRACE*	19.5*
73	5.0*	8.0*	5.2*	18.2*	.0*	.0*	.0*	.0*	.0*	TRACE*	12.8*	8.1*	57.3*
74	TRACE*	3.4*	1.6*	1.2*	.0*	.0*	.0*	.0*	.0*	TRACE*	.7*	8.1*	15.0*
75	3.5*	.1*	2.0*	1.5*	.0*	.0*	.0*	.0*	.0*	.0*	5.1*	TRACE*	12.2*
76	6.4*	5.3*	TRACE*	1.8*	.0*	.0*	.0*	.0*	.0*	.0*	2.7*	2.3*	18.5*
77	20.7*	TRACE*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.5*	3.1*	25.3*
78	7.9*	9.5*	7.8*	4.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.8*	4.3*	34.3*
79	18.7*	1.3*	1.3*	1.1*	.1*	.0*	.0*	.0*	.0*	.0*	.1*	9.3*	31.9*
80	12.7*	TRACE*	.4*	6.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.3*	11.4*	30.8*
81	11.7*	7.3*	2.0*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	3.7*	26.8*	51.7*
82	8.4*	1.9*	2.7*	.9*	.0*	.0*	.0*	.0*	.0*	.0*	3.0*	10.8*	27.7*
83	7.6*	6.2*	1.7*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	1.1*	2.5*	19.1*
84	15.4*	12.6*	.1*	2.3*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.6*	31.0*
85	17.1*	7.0*	.8*	.3*	TRACE*	.0*	.0*	.0*	.0*	.0*	4.3*	3.0*	32.5*
86	12.6*	7.4*	.1*	1.8	.0	.0	.0	.0	.0	.0	.0	14.9	36.8*
87	14.4	9.7	5.0	TRACE	.0	.0	.0	.0	.0	.0*	.0*	TRACE*	29.1*
88	1.0*	14.0*	22.0*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	8.0*	3.0*	48.0*
89	TRACE*	.7*	.9*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	1.6*
90	TRACE*	9.1*	1.9*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	3.7*	8.7*	23.4*
91	.5*	6.3*	TRACE*	1.0*	TRACE*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	.5*	8.3*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	TRACE	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	10.7	
GREATEST	20.7	15.8	22.0	18.2	.1	.0	.0	.0	.0	.2	12.8	26.8	57.3
MEAN	7.2	7.8	6.0	1.1	TRACE	.0	.0	.0	.0	TRACE	2.0		
MEDIAN	8.0	7.9	5.0	.8	.0	.0	.0	.0	.0	.0	.2		
SD	4.744	6.377	5.261	1.239	.000	.000	.000	.000	.000	.000	3.924		
TOTAL OBS	626	555	630	608	629	620	610	642	607	652	586	607	7372

THE GREATEST VALUE OF 26.8 OCCURRED ON 12/81

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										.0*	1.0*	2.2*	2.2*
66	3.0	.0	4.4	.0	.0	.0	.0*	.0	.0	.0	1.0	4.4	4.4*
67	3.1	1.2	.2	3.1	.0	.0	.0	.0	.0	TRACE	TRACE	3.0*	3.1*
68	3.0*	1.0*	1.0*	.8	.0	.0	.0	.0	.0	.0	.3	3.0	3.0*
69	7.0	3.0	1.0	2.0	.0	.0	.0	.0	.0	.0	7.9	3.0*	7.9*
70	1.0	2.0	2.0*	2.0*	TRACE	.0	.0	.0*	.0*	TRACE	TRACE	3.2	3.2*
71	TRACE	2.0	2.0	TRACE	.0	.0	.0*	.0*	.0*	TRACE*	2.0*	1.0*	2.0*
72	2.5*	.7*	1.0*	.2*	.0*	.0*	.0*	.0*	.0*	.2*	3.0*	TRACE*	3.0*
73	3.7*	3.0*	2.7*	10.5*	.0*	.0*	.0*	.0*	.0*	TRACE*	4.2*	4.0*	10.5*
74	TRACE*	1.2*	1.6*	1.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	.7*	4.0*	4.0*
75	3.0*	.1*	1.0*	.7*	.0*	.0*	.0*	.0*	.0*	.0*	1.6*	TRACE*	3.0*
76	2.2*	5.0*	TRACE*	1.1*	.0*	.0*	.0*	.0*	.0*	.0*	2.3*	1.3*	5.0*
77	6.3*	TRACE*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	1.1*	2.0*	6.3*
78	2.0*	3.2*	5.0*	4.0*	TRACE*	.0*	.0*	.0*	.0*	.0*	.6*	2.2*	5.0*
79	4.6*	.8*	.8*	1.0*	.1*	.0*	.0*	.0*	.0*	.0*	.1*	4.5*	4.6*
80	6.2*	TRACE*	.4*	1.5*	.0*	.0*	.0*	.0*	.0*	TRACE*	.3*	3.6*	6.2*
81	3.0*	2.1*	2.0*	.2*	.0*	.0*	.0*	.0*	.0*	.0*	1.7*	5.0*	5.0*
82	5.0*	.7*	2.3*	.8*	.0*	.0*	.0*	.0*	.0*	.0*	3.0*	3.7*	5.0*
83	4.4*	2.4*	.7*	TRACE*	TRACE*	.0*	.0*	.0*	.0*	.0*	.8*	.9*	4.4*
84	3.5*	5.0*	.1*	1.5*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	.6*	5.0*
85	3.6*	3.0*	.4*	.3*	TRACE*	.0*	.0*	.0*	.0*	.0*	3.0*	3.0*	3.6*
86	3.1*	6.2*	.1*	.8	.0	.0	.0	.0	.0	.0	.0	4.0	6.2*
87	3.0	3.5	2.3	TRACE	.0	.0	.0	.0	.0	.0*	.0*	TRACE*	3.5*
88	1.0*	3.9*	7.1*	.0*	.0*	.0*	.0*	.0*	.0*	.0*	7.0*	1.4*	7.1*
89	TRACE*	.7*	.9*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	.9*
90	TRACE*	5.1*	1.2*	TRACE*	.0*	.0*	.0*	.0*	.0*	.0*	2.5*	2.0*	5.1*
91	.5*	3.0*	TRACE*	1.0*	TRACE*	.0*	.0*	.0*	.0*	TRACE*	TRACE*	.5*	3.0*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	7.0	6.2	7.1	10.5	.1	.0	.0	.0	.0	.2	7.9	5.0	10.5
TOTAL OBS	626	555	630	608	629	620	610	642	607	652	586	607	7372

THE GREATEST VALUE OF 10.5 OCCURRED ON 04/10/73

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
NONE	41.6	53.2	83.1	95.6	99.8	100.0	100.0	100.0	100.0	100.0	87.0	63.6	85.6
TRACE	6.4	8.3	5.1	2.6	.2						7.5	7.7	3.1
1	7.5	7.2	3.3	1.2							1.5	7.6	2.3
2	9.6	6.3	2.8								.9	6.1	2.1
3	12.3	6.1	2.7								1.0	5.8	2.3
4-6	14.3	18.0	1.4	.5							1.7	5.3	3.3
7-12	8.3	.9	1.4	.2							.3	4.0	1.3
13-24	.2		.2										.0
25-36													
37-48													
49-60													
61-120													
OVER 120													
DAYS WITH MEAS AMTS	52.1	38.6	11.8	1.8							5.5	28.7	11.3
TOTAL NO. OF OBSERVATIONS	628	555	633	608	629	620	610	642	607	652	586	607	7377

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										0*	0*	1*	1*
66	2	0	4	0	0	0	0*	0	0	0	1	3	4*
67	4	1	0	1	0	0	0	0	0	0	0	4*	4*
68	7*	1*	2	1	0	0	0	0	0	0	TRACE	7	7*
69	7	5	1	TRACE	0	0	0	0	0	0	8	9*	9*
70	4	5	4*	TRACE*	0	0	0	0*	0*	0	0	3	5*
71	2	2	3	0	0	0	0*	0*	0*	0*	TRACE*	1*	3*
72	6*	4*	TRACE*	0*	0*	0*	0*	0*	0*	0*	4*	0*	6*
73	2*	3*	3*	10*	0*	0*	0*	0*	0*	0*	7*	7*	10*
74	TRACE*	1*	2*	0*	0*	0*	0*	0*	0*	0*	0*	4*	4*
75	2*	0*	1*	0*	0*	0*	0*	0*	0*	0*	1*	0*	2*
76	3*	2*	0*	0*	0*	0*	0*	0*	0*	0*	3*	4*	4*
77	12*	4*	0*	0*	0*	0*	0*	0*	0*	0*	2*	1*	12*
78	3*	6*	4*	TRACE*	0*	0*	0*	0*	0*	0*	1*	2*	6*
79	13*	8*	1*	1*	TRACE*	0*	0*	0*	0*	0*	0*	5*	13*
80	9*	TRACE*	TRACE*	1*	0*	0*	0*	0*	0*	0*	TRACE*	8*	9*
81	8*	6*	0*	TRACE*	0*	0*	0*	0*	0*	0*	1*	10*	10*
82	8*	2*	0*	0*	0*	0*	0*	0*	0*	0*	1*	3*	8*
83	1*	6*	TRACE*	0*	0*	0*	0*	0*	0*	0*	TRACE*	2*	6*
84	10*	7*	5*	1*	0*	0*	0*	0*	0*	0*	0*	TRACE*	10*
85	9*	5*	TRACE*	0*	0*	0*	0*	0*	0*	0*	4*	3*	9*
86	4*	5*	3*	1	0	0	0	0	0	0	0	7	7*
87	9	6	2	0	0	0	0	0	0	0*	0*	TRACE*	9*
88	TRACE*	6*	14*	0*	0*	0*	0*	0*	0*	0*	5*	0*	14*
89	TRACE*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	TRACE*	TRACE*
90	0*	3*	2*	0*	0*	0*	0*	0*	0*	0*	2*	3*	3*
91	1*	5*	0*	0*	0*	0*	0*	0*	0*	0*	0*	TRACE*	5*

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL

PERIOD OF RECORD: 6510-9112
 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
65 - 66	NOV 12	NOV 22	DEC 05	MAR 31	MAR 30	MAR 16
66 - 67	NOV 15	NOV 15	NOV 15	APR 26	APR 06	APR 06
67 - 68	OCT 18	DEC 07	DEC 08	APR 08	APR 06	APR 07
68 - 69	NOV 15	NOV 18	DEC 24	APR 21	APR 19	MAR 29
69 - 70	NOV 10	NOV 25	NOV 26	MAY 01	APR 30	MAR 27
70 - 71	OCT 22	DEC 22	DEC 22	APR 29	MAR 12	MAR 13
71 - 72	OCT 16	NOV 19	DEC 30	APR 28	APR 28	FEB 11
72 - 73	OCT 20	OCT 24	NOV 15	APR 20	APR 20	APR 13
73 - 74	OCT 18	NOV 16	NOV 27	APR 26	APR 26	MAR 06
74 - 75	OCT 20	NOV 26	DEC 12	APR 10	APR 10	MAR 25
75 - 76	NOV 12	NOV 12	NOV 24	APR 28	APR 23	FEB 17
76 - 77	NOV 19	NOV 23	NOV 23	APR 15	JAN 31	FEB 04
77 - 78	NOV 14	NOV 16	NOV 17	MAY 11	APR 17	MAR 22
78 - 79	NOV 27	NOV 28	NOV 29	MAY 04	MAY 04	APR 06
79 - 80	NOV 13	NOV 16	DEC 19	APR 25	APR 24	APR 24
80 - 81	OCT 20	NOV 06	DEC 01	APR 28	APR 27	FEB 26
81 - 82	NOV 09	NOV 09	NOV 30	APR 30	APR 13	FEB 26
82 - 83	NOV 15	NOV 17	NOV 17	MAY 09	MAR 29	FEB 25
83 - 84	NOV 15	NOV 21	DEC 01	MAY 08	APR 04	APR 03
84 - 85	DEC 10	DEC 26	JAN 02	MAY 03	APR 29	FEB 26
85 - 86	NOV 12	NOV 14	NOV 21	APR 14	APR 12	APR 11
86 - 87	DEC 02	DEC 20	DEC 22	APR 12	MAR 20	MAR 20
87 - 88	DEC 07	JAN 22	FEB 10	MAR 31	MAR 15	MAR 18
88 - 89	NOV 21	NOV 21	NOV 21	APR 28	MAR 01	NOV 23
89 - 90	NOV 22	FEB 12	FEB 12	APR 25	MAR 02	MAR 02
90 - 91	NOV 05	NOV 05	NOV 28	MAY 17	APR 18	FEB 22

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL

PERIOD OF RECORD: 6510-9112
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
91 - 92	OCT 23	DEC 19		DEC 24	DEC 19	
MEDIAN-DATE	NOV 12	NOV 21	NOV 30	APR 26	APR 12	MAR 17

B - 5 - 1B

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

PART C

SURFACE WIND SUMMARIES

PEAK WINDS.

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 7011-9112
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
70											24/ 47	29/ 46	24/*47
71	27/ 41	26/ 29	28/ 36	27/ 33	10/*25	26/ 45	18/*24	28/*36	27/*24	01/*33	25/*44	26/*37	26/*45
72	03/*25	19/*20	27/*68	04/*43	24/*40	26/*39	25/*31	28/*50	26/*32	25/*24	24/*57	09/*26	27/*68
73	27/*25	24/*32	27/*22	23/*45	26/*39	22/*29	27/*28	27/*25	25/*25	27/*41	27/*44	28/*41	23/*45
74	26/*52	24/*41	26/*31	06/*26	30/*43	31/*32	29/*35	26/*32	25/*38	25/*39	29/*35	22/*48	26/*52
75	21/*38	11/*25	25/*33	27/*60	26/*34	27/*35	23/*38	18/*27	22/*41	24/*33	30/*37	17/*27	27/*60
76	26/*44	09/*23	26/*25	29/*24	27/*28	27/*30	02/*32	04/*32	27/*36	28/*25	27/*59	24/*38	27/*59
77	27/*40	28/*37	33/*41	30/*44	15/*30	28/*26	24/*25	26/*48	26/*39	28/*34	25/*52	25/*38	25/*52
78	29/*43	26/*28	22/*44	13/*32	12/*35	29/*35	28/*26	32/*34	30/*37	26/*26	25/*21	27/*36	22/*44
79	27/*27	21/*25	27/*42	21/*30	27/*40	27/*29	28/*28	25/*30	29/*30	31/*30	28/*43	27/*40	28/*43
80	23/*24	28/*32	27/*29	27/*39	09/*28	26/*28	27/*30	29/*25	28/*36	32/*40	25/*30	26/*31	32/*40
81	23/*35	27/*34	27/*39	26/*27	28/*29	29/*44	29/*30	21/*32	33/*26	27/*33	26/*30	27/*42	29/*44
82	27/*36	26/*26	28/*34	30/*38	25/*29	29/*23	19/*26	24/*22	25/*21	22/*39	24/*22	25/*45	25/*45
83	27/*50	26/*47	30/*41	25/*36	27/*28	12/*30	29/*30	23/*24	25/*31	29/*35	29/*42	27/*35	27/*50
84	25/*37	25/*41	27/*31	11/*22	27/*43	30/*30	24/*30	30/*24	27/*36	26/*26	09/*21	30/*25	27/*43
85	32/*40	27/*35	26/*31	28/*33	25/*30	26/*37	30/*34	21/*34	26/*27	26/*28	30/*34	27/*33	32/*40
86	28/*54	09/*19	26/*44	24/ 34	32/ 29	23/ 27	33/ 33	24/ 34	27/ 25	28/ 42	33/ 25	30/ 48	28/*54
87	26/ 36	27/ 26	30/ 38	27/ 28	26/ 28	24/ 38	24/ 26	28/ 40	27/*26	27/*33	26/*37	27/*25	28/*40
88	27/*35	23/*38	24/*46	27/*26	10/*24	29/*22	24/*46	23/*25	28/*32	25/*37	26/*30	28/*38	24/*46
89	25/*28	26/*30	27/*31	25/*32	27/*28	30/*27	30/*30	30/*34	25/*23	28/*28	35/*25	28/*44	28/*44
90	28/*48	30/*50	28/*60	33/*36	28/*26	29/*30	28/*27	27/*30	25/*35	28/*33	27/*34	26/*31	28/*60
91	28/*27	27/*30	08/*33	35/*29	27/*21	28/*30	27/*30	28/*24	27/*25	27/*38	23/*31	30/*44	30/*44

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 7011-9112
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GREATEST	28/ 54	30/ 50	27/ 68	27/ 60	30/ 43	26/ 45	24/ 46	28/ 50	22/ 41	28/ 42	27/ 59	22/ 48	27/ 68
TOTAL OBS	470	410	481	456	468	469	455	488	444	469	446	443	5499

THE PEAK WIND OF 68 FROM 27/ OCCURRED ON 03/28/72

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

C - 2 - 1B

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107559

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 7011-9112
 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	.2	12.6	29.6	23.0	13.2	9.4	6.0	3.4	2.1	.6	.0	18.1	16.0	470
FEB	1.7	15.6	30.2	24.9	12.4	8.3	3.4	1.7	1.5	.2	.0	16.4	15.0	410
MAR	1.0	7.3	29.9	23.7	18.5	8.1	6.0	2.9	1.9	.4	.2	18.6	17.0	481
APR	.0	4.8	26.1	29.4	23.9	8.6	4.4	2.0	.7	.2	.0	18.5	17.0	456
MAY	.2	5.1	32.1	30.3	19.0	9.6	1.7	1.1	.9	.0	.0	17.4	16.0	468
JUN	.0	3.2	29.2	33.5	19.0	10.7	3.0	1.1	.4	.0	.0	18.0	17.0	469
JUL	.0	4.6	32.3	30.5	20.2	8.6	2.9	.4	.4	.0	.0	17.3	16.0	455
AUG	.0	4.9	33.6	28.3	23.0	5.9	3.1	.6	.4	.2	.0	17.2	16.0	488
SEP	.2	10.6	33.8	27.9	15.1	7.2	2.7	2.3	.2	.0	.0	16.5	15.0	444
OCT	.0	13.0	37.7	24.5	13.0	4.1	5.8	1.3	.6	.0	.0	16.2	14.0	469
NOV	1.1	12.3	32.7	18.8	14.8	8.7	4.9	3.8	2.0	.7	.0	17.9	15.5	446
DEC	.2	12.6	27.8	23.0	12.2	10.6	6.8	3.4	3.4	.0	.0	18.5	16.0	443
ANNUAL	.4	8.8	31.3	26.5	17.1	8.3	4.2	2.0	1.2	.2	.0	17.6	16.0	5499

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.2	2.3	.6									4.0	6.9	8.0
020-040	3.5	4.6	.6									8.7	6.3	7.0
050-070	1.2	.6	2.3									4.0	8.4	10.0
(E) 080-100		1.7										1.7	7.0	7.0
110-130														
140-160	.6	.6										1.2	4.0	4.0
(S) 170-190	3.5	2.3										5.8	3.9	3.5
200-220	7.5	1.2	4.6									13.3	5.7	3.0
230-250	5.8	5.2	4.0									15.0	6.7	5.0
(W) 260-280	4.6	5.8	6.4	1.7	1.2	.6						20.2	9.6	9.0
290-310	2.3	6.4	1.2									9.8	6.4	7.0
320-340														
VARIABLE														
CALM	////////////////////											16.2	////	////
TOTALS	30.2	30.7	19.7	1.7	1.2	.6						100.0	5.9	7.0

TOTAL NUMBER OF OBSERVATIONS 173

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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		1.8	.3									2.1	7.4	8.0
020-040	1.8	1.8	1.5									5.2	6.7	6.0
050-070	2.4	.9	.6									4.0	5.0	4.0
(E) 080-100	1.5	.6	.6									2.7	5.6	4.0
110-130	2.7	.9										3.7	3.6	3.0
140-160	3.4	.9	.3									4.6	3.7	3.0
(S) 170-190	7.0	4.6	.6									12.2	4.8	4.0
200-220	8.5	3.7	2.1									14.3	5.0	4.0
230-250	2.7	5.5	4.0									12.2	7.4	7.0
(W) 260-280	2.7	5.2	7.3	2.4	2.1							19.8	10.8	10.0
290-310	1.8	2.4	1.8									6.1	6.9	6.0
320-340		1.5										1.5	5.4	5.0
VARIABLE														
CALM	////////////////////////////////////											11.6	////////////////////////////////	
TOTALS	34.5	29.8	19.1	2.4	2.1							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 328														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.3	.6	.2									1.1	6.0	6.0
020-040	1.4	1.5	.6									3.5	6.0	5.0
050-070	2.2	1.9	.9	.2								5.1	6.6	7.0
(E) 080-100	.9	1.9										2.8	5.0	5.0
110-130	3.4	1.5										4.9	3.9	4.0
140-160	4.2	4.8										9.0	4.6	5.0
(S) 170-190	7.1	6.5	1.1									14.7	5.2	5.0
200-220	5.4	5.6	2.5									13.4	5.7	5.0
230-250	3.1	4.3	5.2	.6	.6							13.9	8.9	8.0
(W) 260-280	2.5	3.7	7.1	4.2	.8	.2						18.4	11.3	12.0
290-310	1.2	1.5	1.4	.3								4.5	7.4	7.0
320-340	.5	1.5										2.0	5.7	6.0
VARIABLE		.2		.2								.3	12.5	12.5
CALM	////////////////////////////////////											6.5	////////////////////////////////	
TOTALS	32.2	35.5	19.0	5.5	1.4	.2						100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 648

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.1	.1										.3	4.0	4.0
020-040	1.2	1.9	.7									3.9	6.3	7.0
050-070	1.2	1.8	1.2	.3								4.5	7.6	6.5
(E) 080-100	1.2	1.8	.3									3.3	5.5	5.0
110-130	2.2	2.5	.6									5.4	5.0	5.0
140-160	4.6	2.7	.4									7.8	4.5	4.0
(S) 170-190	7.9	7.3	1.6									16.9	5.2	5.0
200-220	4.9	4.8	2.8	.1								12.7	6.3	6.0
230-250	2.8	4.3	5.5	1.0	.1							13.9	8.9	9.0
(W) 260-280	1.8	5.1	7.8	4.8	1.5							20.9	11.6	12.0
290-310	1.0	1.3	.4	.1								3.0	6.3	6.0
320-340	.6	.9	.7	.1								2.4	7.8	7.5
VARIABLE			.3	.1								.4	13.0	14.0
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	29.5	34.5	22.3	6.5	1.6							100.0	7.2	7.0
TOTAL NUMBER OF OBSERVATIONS 670														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.9	.4										1.3	3.9	3.0
020-040	1.2	1.5	.7									3.4	6.6	7.0
050-070	1.5	2.1	.6									4.2	5.9	5.0
(E) 080-100	1.0	.9	.7	.6								3.3	8.2	7.5
110-130	2.5	3.4	.7									6.7	5.6	6.0
140-160	4.3	2.1	.4									6.8	4.5	4.0
(S) 170-190	5.2	5.8	.4									11.4	5.0	5.0
200-220	5.1	4.5	2.2	.6								12.3	6.6	6.0
230-250	1.9	3.3	6.7	1.2	.1							13.2	9.8	10.0
(W) 260-280	.9	6.4	9.5	4.3	1.6	.1						22.9	12.1	12.0
290-310	.9	2.7	.9	.6	.1							5.2	8.8	8.0
320-340	1.2	.9	1.6	.1								3.9	7.9	7.5
VARIABLE		.1	.6									.7	10.2	10.0
CALM	////////////////////////////////////											4.6	////////////////////////////////	
TOTALS	26.6	34.1	25.0	7.4	1.8	.1						100.0	7.8	7.5

TOTAL NUMBER OF OBSERVATIONS 673

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.4	.8	.2									2.3	4.8	4.0
020-040	1.5	3.0	.2									4.7	5.5	6.0
050-070	1.7	1.5	1.1									4.2	6.2	5.0
(E) 080-100	.8	2.3	.5	.2								3.6	6.8	6.0
110-130	4.8	2.3	.3									7.4	3.9	3.0
140-160	2.9	2.4	.5									5.8	5.1	4.5
(S) 170-190	4.8	5.8	.2									10.8	4.8	5.0
200-220	4.7	4.4	2.0	.5								11.5	6.2	6.0
230-250	1.1	6.2	5.9	1.1	.2							14.4	9.4	9.0
(W) 260-280	.6	7.0	10.0	2.7	.5							20.8	10.8	10.0
290-310	1.4	2.0	1.8	.3								5.5	8.3	8.0
320-340	1.1	1.1	.9									3.0	6.5	6.5
VARIABLE		.5		.2								.6	9.5	8.0
CALM	////////////////////////////////////											5.5	////////////////////////////////	
TOTALS	26.8	39.3	23.6	5.0	.7							100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.8										2.2	3.8	3.0
020-040	1.7	2.5										4.2	5.1	6.0
050-070	1.3	2.0	.7									4.0	5.8	5.0
(E) 080-100	.8	1.2	.7									2.7	6.6	6.0
110-130	2.8	2.3										5.2	4.4	4.0
140-160	3.8	2.3	.3									6.5	4.2	3.0
(S) 170-190	5.5	6.3	1.0									12.8	5.5	5.0
200-220	5.8	4.3	1.7	.2								12.0	5.7	5.0
230-250	2.3	5.3	4.0	.8								12.5	8.5	8.0
(W) 260-280	2.8	7.2	6.8	2.7	.8	.2						20.5	10.0	10.0
290-310	1.2	.7	2.0		.2							4.0	8.2	10.0
320-340	2.3	.8	.3									3.5	4.3	3.0
VARIABLE			.2									.2	12.0	12.0
CALM	////////////////////////////////////											10.0	////////////////////////////////	
TOTALS	31.6	35.7	17.7	3.7	1.0	.2						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 601

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JAN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.0										2.3	4.1	4.0
020-040	3.6	2.0	.8									6.4	5.1	4.0
050-070	2.8	1.0	.8									4.6	5.3	4.0
(E) 080-100	.8	.3	.3									1.3	5.2	4.0
110-130	1.3	1.3										2.5	4.1	4.5
140-160	3.8	2.5										6.4	3.6	3.0
(S) 170-190	6.1	6.1	1.0									13.2	5.3	5.0
200-220	6.6	4.8	1.8									13.2	4.9	4.5
230-250	4.8	3.6	2.3	.8	.8							12.2	7.6	6.5
(W) 260-280	1.8	6.1	5.9	5.1	.5		.5					19.8	11.4	10.0
290-310	1.5	2.8	1.3	.3								5.9	7.3	8.0
320-340	.3	1.3										1.5	5.8	6.0
VARIABLE														
CALM	////////////////////////////////////											10.7	////////////////////////////////	
TOTALS	34.7	32.8	14.2	6.2	1.3		.5					100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 393

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.8	.8	.1									1.7	5.0	5.0
020-040	1.7	2.2	.6									4.5	5.9	6.0
050-070	1.7	1.6	.9	.1								4.4	6.3	5.0
(E) 080-100	.9	1.4	.4	.1								2.9	6.4	6.0
110-130	2.8	2.1	.3									5.2	4.5	4.0
140-160	3.8	2.6	.3									6.6	4.4	4.0
(S) 170-190	6.1	6.0	.8									12.9	5.1	5.0
200-220	5.7	4.5	2.3	.2								12.7	5.9	5.0
230-250	2.7	4.7	5.0	.8	.2							13.4	8.8	9.0
(W) 260-280	1.9	5.8	7.9	3.7	1.1	.1	.0					20.5	11.1	11.0
290-310	1.3	2.0	1.3	.2	.0							4.9	7.6	8.0
320-340	.9	1.1	.6	.0								2.6	6.4	6.0
VARIABLE		.1	.2	.1								.4	11.0	10.0
CALM	////////////////////////////////////											7.5	////////////////////////////////	
TOTALS	30.3	34.9	20.7	5.2	1.3	.1						100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 4146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	1.5	.7	.1									2.3	4.1	3.0
020-040	3.5	4.2	1.1									8.8	5.8	6.0
050-070	2.4	1.6	.2									4.2	4.9	4.0
(E) 080-100	1.0	.8										1.8	4.2	4.0
110-130	3.7	1.5										5.2	3.5	3.0
140-160	4.9	1.9	.5									7.3	4.0	3.0
(S) 170-190	6.4	4.7	.8									11.8	4.9	4.0
200-220	6.0	2.1	1.2	.2								9.5	4.8	4.0
230-250	2.7	3.5	3.6	.5	.1							10.3	8.0	8.0
(W) 260-280	2.3	7.1	9.8	3.0	1.2	.1	.1					23.5	10.7	10.0
290-310	.8	1.6	1.8	.4	.1							4.8	8.9	9.0
320-340	.9	.2	.8	.1								2.1	7.3	8.0
VARIABLE														
CALM	////////////////////											8.4	////	////
TOTALS	36.1	29.9	19.9	4.2	1.4	.1	.1					100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 1697

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.4											3.4	3.0	3.0
020-040	4.1	7.5										11.6	6.2	7.0
050-070	6.8	4.1										11.0	4.0	4.0
(E) 080-100	6.8	5.5										12.3	4.4	4.0
110-130	6.2											6.2	2.4	2.0
140-160	2.1	.7										2.7	3.5	3.5
(S) 170-190	4.1											4.1	3.2	3.5
200-220	2.7	2.7	.7									6.2	5.3	6.0
230-250	2.7	2.1	2.1									6.8	6.1	6.5
(W) 260-280	3.4	2.1	2.7		.7							8.9	8.0	8.0
290-310	4.1	.7		.7								5.5	4.6	3.0
320-340	2.1											2.1	1.3	1.0
VARIABLE														
CALM	////////////////////////////////////											19.2	////////////////////////////////	
TOTALS	48.5	25.4	5.5	.7	.7							100.0	3.9	4.0
TOTAL NUMBER OF OBSERVATIONS 146														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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			
(W) 350-010	2.1	1.1										3.2	3.6	4.0
020-040	3.9	6.0	.4									10.3	5.5	5.0
050-070	4.6	6.7										11.3	4.6	5.0
(E) 080-100	3.5	3.9	.4									7.8	4.8	5.0
110-130	4.6	1.1										5.7	2.9	2.0
140-160	5.7	.7										6.4	3.2	3.0
(S) 170-190	5.0	1.1	.7									6.7	4.1	3.0
200-220	3.9	1.4	.7	.4								6.4	5.3	4.0
230-250	2.8	3.2	3.2	.4	.4							9.9	7.9	7.5
(W) 260-280	3.2	3.5	2.1	.7	.7	.4						10.6	8.8	6.5
290-310	1.1	2.1	1.1		.4							4.6	7.5	6.0
320-340	.7	.7										1.4	4.3	4.5
VARIABLE														
CALM	////////////////////											15.6	////	////
TOTALS	41.1	31.5	8.6	1.5	1.5	.4						100.0	4.7	5.0
TOTAL NUMBER OF OBSERVATIONS 282														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	2.2	1.8										4.0	4.5	4.0
020-040	4.4	5.6	.2									10.2	5.1	5.0
050-070	5.6	2.6	.2									8.4	4.1	4.0
(E) 080-100	2.6	4.4	.5									7.5	5.2	5.0
110-130	5.6	2.4										8.0	3.4	3.0
140-160	4.7	1.6										6.4	3.3	3.0
(S) 170-190	4.9	3.1	.4									8.4	4.3	4.0
200-220	4.4	3.1	2.2	.2								9.8	6.5	6.0
230-250	1.6	2.7	2.4	1.5	.2	.4						8.7	10.5	9.5
(W) 260-280	2.0	4.4	3.5	.4	.5							10.7	8.9	8.0
290-310	.5	1.5	1.5		.4							3.8	9.3	9.0
320-340	1.3	1.6	.4	.2	.2	.2						3.8	8.0	8.0
VARIABLE														
CALM	////////////////////											10.2	////	////
TOTALS	39.8	34.8	11.3	2.3	1.3	.6						100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 549														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 1/7550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: FEB HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	1.5										2.7	5.0	5.0
020-040	3.7	4.9	.5									9.1	5.1	5.0
050-070	3.2	7.3	.7									11.2	5.4	5.0
(E) 080-100	1.7	3.2	1.2									6.1	6.5	7.0
110-130	3.0	4.2	.3									7.6	5.4	5.0
140-160	5.9	2.2										8.1	3.8	4.0
(S) 170-190	5.9	2.5	.5									9.0	4.4	4.0
200-220	3.9	3.7	1.5	.3								9.5	6.2	5.5
230-250	1.5	2.0	3.2	1.5	.2							8.5	10.2	12.0
(W) 260-280	.7	4.4	2.9	.7	.5	.2						9.3	10.0	8.0
290-310	.7	2.5	2.4	1.4	.2							7.1	10.5	10.0
320-340	1.4	2.0	.7	.2								4.2	6.4	6.0
VARIABLE		.3										.3	8.5	8.5
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	32.8	40.7	13.9	4.1	.9	.2						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 591

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ARP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.5	1.2	.2	.2								3.1	5.8	4.5
020-040	2.4	3.1	.7	.2								6.3	6.1	6.0
050-070	2.0	6.5	1.9									10.4	6.6	6.0
(E) 080-100	1.2	3.4	1.9									6.5	7.2	7.0
110-130	2.2	5.6	2.2									10.0	6.8	7.0
140-160	4.2	1.0										5.3	3.2	3.0
(S) 170-190	5.3	3.4	.2									8.8	4.3	4.0
200-220	4.6	2.4	.7	.2								7.8	5.5	4.0
230-250	.8	2.2	1.5	2.7	.8	.2						8.3	12.6	14.0
(W) 260-280	.7	3.9	5.4	1.9	.5							12.4	11.1	12.0
290-310	1.4	2.2	2.4	1.2	1.0	.7						8.8	11.9	10.5
320-340	.8	1.7	1.0									3.6	6.8	6.0
VARIABLE		.8	.5									1.4	9.1	8.0
CALM	////////////////////////////////////											7.5	////////////////////////////////	
TOTALS	27.1	37.4	18.6	6.4	2.3	.9						100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 589

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.8	1.2										4.0	4.1	4.0
020-040	4.0	3.7	.5									8.2	5.2	5.0
050-070	2.8	6.8	.9									10.5	6.4	6.0
(E) 080-100	1.6	5.3	1.1									7.9	6.5	6.0
110-130	3.2	3.9	1.2									8.2	5.6	5.0
140-160	3.5	1.4										4.9	3.7	3.0
(S) 170-190	3.2	3.0	.4									6.5	5.1	5.0
200-220	1.8	2.5	.9									5.1	6.3	6.0
230-250	1.1	1.6	2.8	1.9	.4	.2						7.9	11.5	12.0
(W) 260-280	1.1	5.8	4.6	2.1	.5	.4						14.4	10.8	10.0
290-310	1.1	2.3	4.0	.7	.7							8.8	10.4	10.0
320-340	1.4	1.4	.7		.2							3.7	7.2	6.0
VARIABLE		.4	.4									.7	10.0	10.0
CALM	////////////////////////////////////											9.1	////////////////////////////////	
TOTALS	27.6	39.3	17.5	4.7	1.8	.6						100.0	6.8	6.5

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: FEB HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	.4										3.0	3.1	3.0
020-040	3.8	4.2	.8									8.7	5.3	5.0
050-070	5.5	4.9	.2									10.6	4.7	4.0
(E) 080-100	3.4	4.5	.6									8.5	5.3	6.0
110-130	4.2	1.7	.6									6.4	4.3	3.5
140-160	2.8	1.1										4.0	3.3	4.0
(S) 170-190	3.6	1.7	.2									5.5	3.6	4.0
200-220	1.9	3.8	1.5									7.2	6.4	6.0
230-250	2.1	3.0	2.5	.6								8.1	7.8	7.0
(W) 260-280	2.7	3.2	4.2	2.5	.6							13.1	10.1	10.0
290-310	1.5	2.8	2.7	.9	.6							8.5	9.9	9.0
320-340	2.3	1.1	.9	.2								4.5	5.8	5.0
VARIABLE		.2										.2	7.0	7.0
CALM	////////////////////////////////////											11.6	////////////////////////////////	
TOTALS	36.5	32.6	14.2	4.2	1.2							100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 528

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ARP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.5	.3										2.7	3.1	2.5
020-040	2.7	3.6	1.1									7.4	5.7	6.0
050-070	6.6	5.2	.3									12.0	4.3	4.0
(E) 080-100	2.7	3.6	1.1									7.4	5.7	6.0
110-130	3.8	3.3										7.1	4.4	4.0
140-160	3.0	.8										3.8	3.3	3.0
(S) 170-190	3.8	1.6	.3									5.7	4.1	4.0
200-220	5.2	2.7	1.1									9.0	5.4	4.0
230-250	2.5	1.4	1.6	1.1	.3							6.8	8.6	7.0
(W) 260-280	3.3	3.6	4.6	1.4	1.1							13.9	9.5	10.0
290-310	3.0	1.6	2.2	.8	.5							8.2	8.4	6.0
320-340	1.1	1.9		.3								3.3	6.5	6.0
VARIABLE		.3										.3	7.0	7.0
CALM	////////////////////////////////////											12.3	////////////////////////////////	
TOTALS	40.2	29.9	12.3	3.6	1.9							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS 366

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.2	1.1	.0	.0								3.3	4.2	4.0
020-040	3.6	4.5	.6	.0								8.6	5.4	5.0
050-070	4.3	5.6	.6									10.5	5.2	5.0
(E) 080-100	2.4	4.1	1.0									7.5	5.9	6.0
110-130	3.8	3.2	.7									7.7	5.0	5.0
140-160	4.2	1.3										5.5	3.5	3.0
(S) 170-190	4.5	2.4	.3									7.3	4.3	4.0
200-220	3.5	2.9	1.2	.1								7.8	6.0	5.0
230-250	1.7	2.3	2.4	1.4	.3	.1						8.2	10.0	10.0
(W) 260-280	1.8	4.1	3.9	1.4	.6	.1						11.9	10.0	10.0
290-310	1.4	2.1	2.3	.8	.5	.1						7.2	10.0	10.0
320-340	1.4	1.5	.6	.1	.1	.0						3.6	6.6	6.0
VARIABLE		.3	.1									.4	9.0	8.0
CALM	////////////////////////////////////										10.3	////////////////////////////////		
TOTALS	34.8	35.4	13.7	3.8	1.5	.3						100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 3621

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.8	1.5	.1									4.4	4.3	4.0
020-040	4.4	7.9	1.0	.1								13.3	5.9	6.0
050-070	4.3	5.0	.3									9.6	4.7	5.0
(E) 080-100	1.9	2.2	.5									4.7	5.6	5.0
110-130	2.7	2.9	.4									6.0	4.9	5.0
140-160	3.9	1.6										5.5	3.6	3.0
(S) 170-190	5.3	1.9	.6									7.8	4.2	4.0
200-220	2.4	2.5	1.0	.1								6.1	6.3	5.5
230-250	1.3	1.7	1.8	1.0	.1							6.0	9.5	9.0
(W) 260-280	2.2	5.1	4.3	1.4	.7							13.6	9.5	9.0
290-310	1.3	2.9	1.9	.8	.6							7.4	9.5	8.0
320-340	1.9	1.9	.5	.2								4.6	6.0	6.0
VARIABLE														
CALM	////////////////////////////////////											11.1	////////////////////////////////	
TOTALS	34.4	37.1	12.4	3.6	1.4							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 1348

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010		1.1										1.1	6.5	6.5
020-040	.6	1.7	.6									2.8	6.0	5.0
050-070	6.8	1.1										7.9	3.0	3.0
(E) 080-100	4.5	1.7										6.2	3.4	3.0
110-130	2.3											2.3	1.5	1.5
140-160	2.8											2.8	2.0	2.0
(S) 170-190	6.2	2.8										9.0	3.8	3.0
200-220	5.1	4.0	1.7									10.7	5.5	5.0
230-250	9.0	4.5	.6		.6							14.7	5.0	4.0
(W) 260-280	4.0	3.4	3.4	2.8	.6							14.1	9.3	8.0
290-310	4.5	2.3	.6									7.3	4.7	4.0
320-340	.6	1.1										1.7	6.0	6.0
VARIABLE														
CALM	////////////////////											19.2	////	////
TOTALS	46.4	23.7	6.9	2.8	1.2							100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 177

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.6											.6	3.0	3.0
020-040	3.2	3.8	1.2									8.2	5.4	5.0
050-070	5.8	.9	.3									7.0	3.5	3.0
(E) 080-100	1.5	.3										1.7	3.7	4.0
110-130	2.3	.6										2.9	3.3	4.0
140-160	2.3	.9										3.2	3.5	3.0
(S) 170-190	7.0	2.3										9.3	3.4	3.0
200-220	5.2	4.4	1.2									10.8	4.9	5.0
230-250	5.2	5.5	1.7	.3								12.8	5.9	5.5
(W) 260-280	7.0	2.0	4.4	.6	.3		.3					14.6	7.7	6.0
290-310	3.2	2.0	1.5	.3				.3				7.3	7.2	5.0
320-340	.6	2.6	.3									3.5	5.8	5.5
VARIABLE			.3									.3	14.0	14.0
CALM	////////////////////////////////////											17.8	////////////////////////////////	
TOTALS	43.9	25.3	10.9	1.2	.3		.3	.3				100.0	4.5	4.0
TOTAL NUMBER OF OBSERVATIONS 343														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.1	1.3	.5									2.8	5.8	5.0
020-040	3.6	3.1	.6									7.4	5.0	5.0
050-070	5.6	2.4	.6									8.6	4.5	4.0
(E) 080-100	1.6	.9										2.5	4.2	4.0
110-130	2.0	.5										2.5	2.6	2.0
140-160	3.0	.9										3.9	3.5	2.0
(S) 170-190	6.7	3.6	.6									11.0	4.1	3.0
200-220	6.0	4.7	1.4									12.1	5.3	5.0
230-250	3.9	6.4	2.8									13.2	6.7	6.0
(W) 260-280	3.6	4.4	4.7	.9								13.6	8.4	8.0
290-310	1.9	1.6	1.9	.3	.3	.3						6.3	9.2	9.0
320-340	1.4	1.3	.2									2.8	5.1	4.5
VARIABLE			.2									.2	10.0	10.0
CALM	////////////////////////////////////											13.2	////////////////////////////////	
TOTALS	40.4	31.1	13.5	1.2	.3	.3						100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 638

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	3.1	.1									4.0	6.1	6.0
020-040	2.4	1.9	.4									4.7	5.0	4.5
050-070	3.6	5.2	1.8	.6								11.1	6.8	6.0
(E) 080-100	1.2	1.2										2.4	4.8	4.5
110-130	2.5	3.4	.6									6.5	5.5	5.0
140-160	2.4	1.9										4.3	4.1	4.0
(S) 170-190	4.3	3.8	1.2									9.3	5.3	5.0
200-220	3.8	5.3	2.4									11.5	6.2	6.0
230-250	1.5	6.1	4.4	1.6								13.6	9.0	8.0
(W) 260-280	3.1	5.2	5.2	1.9	.7							16.1	9.6	9.0
290-310	1.9	2.7	3.0	.6	.1							8.3	8.6	9.0
320-340	.4	1.2	.9	.1								2.7	8.2	8.0
VARIABLE		.6	.1									.7	8.2	8.0
CALM	////////////////////////////////////											4.7	////////////////////////////////	
TOTALS	27.8	41.6	20.1	4.8	.8							100.0	6.8	7.0
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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.9	2.5	.4									4.9	6.0	6.0
020-040	1.6	3.3	.9									5.8	6.4	7.0
050-070	3.9	4.9	1.5	.7	.1							11.2	6.9	6.0
(E) 080-100	1.3	2.5	.1									4.0	5.6	5.0
110-130	1.3	3.0	.3									4.6	5.6	6.0
140-160	2.4	2.5	.1									5.1	4.7	5.0
(S) 170-190	2.4	1.0	.9									4.3	5.5	4.0
200-220	1.6	3.6	2.4	.4								8.1	8.1	8.0
230-250	1.6	6.0	4.2	1.0	.7	.1						13.7	9.8	9.0
(W) 260-280	1.3	4.5	9.4	3.7	.9							19.9	11.6	12.0
290-310	1.0	2.8	3.0	.4								7.3	8.8	9.0
320-340	.7	2.2	2.2									5.2	8.6	9.0
VARIABLE		.6	1.3		.1							2.1	10.6	10.0
CALM	////////////////////////////////////											3.7	////////////////////////////////	
TOTALS	21.0	39.4	26.7	6.2	1.8	.1						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	2.0	.2									3.6	5.3	6.0
020-040	4.0	3.6	.8									8.4	5.2	5.0
050-070	3.6	5.7	1.2	.8								11.3	7.0	7.0
(E) 080-100	1.4	2.2										3.6	4.9	5.0
110-130	2.5	2.0										4.5	4.7	4.0
140-160	.8	1.7	.2									2.6	6.1	6.0
(S) 170-190	2.3	1.6	.6									4.5	5.0	4.0
200-220	2.0	3.3	1.7									7.0	6.9	7.0
230-250	1.7	5.9	3.1	2.2								12.9	9.2	8.0
(W) 260-280	1.4	5.1	9.8	1.7	.2	.3						18.4	10.6	11.0
290-310	2.8	5.4	4.2	.8	.3							13.5	8.4	8.0
320-340	.5	3.4	.3	.2								4.3	7.0	7.0
VARIABLE		.6	.6									1.2	9.4	9.5
CALM	////////////////////////////////////											4.2	////////////////////////////////	
TOTALS	24.4	42.5	22.7	5.7	.5	.3						100.0	7.4	7.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.0	1.0	.3									3.4	4.6	4.0
020-040	5.2	2.4	1.0									8.6	4.7	4.0
050-070	5.6	1.9	.7	.2								8.2	4.6	4.0
(E) 080-100	3.0	1.3										4.4	4.0	4.0
110-130	2.0	.3										2.4	2.5	2.0
140-160	2.4	1.3										3.7	4.0	4.0
(S) 170-190	3.7	.3	.2									4.2	3.4	3.0
200-220	2.2	3.9	2.5	.5	.2							9.3	8.1	8.0
230-250	4.0	4.7	3.0	.5								12.3	7.0	7.0
(W) 260-280	3.5	8.4	2.9	1.9	.2							16.8	7.9	7.0
290-310	4.0	5.2	.7	.7								10.6	6.0	5.0
320-340	2.0	1.5	.3	.5	.2							4.5	7.0	5.0
VARIABLE		.2	.2									.3	9.5	9.5
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	39.6	32.4	11.8	4.3	.6							100.0	5.4	5.0
TOTAL NUMBER OF OBSERVATIONS 594														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.1	.5	.7									2.3	6.3	4.5
020-040	2.9	1.8	.2									5.0	5.0	4.0
050-070	4.1	2.0	.7									6.8	4.7	4.0
(E) 080-100	1.4	2.3										3.6	5.0	5.0
110-130	1.4	.5										1.8	3.0	2.0
140-160	3.4	.7										4.1	2.9	2.0
(S) 170-190	3.8	2.5										6.3	4.4	4.0
200-220	4.7	2.3	2.0	.2								9.2	6.0	4.0
230-250	4.1	5.2	2.0	.5								11.7	6.3	5.0
(W) 260-280	3.2	6.3	4.1	2.7								16.2	9.0	8.0
290-310	2.9	2.3	2.5	1.4								9.0	8.3	7.5
320-340	2.3	1.6	.2									4.1	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											20.0	////////////////////////////////	
TOTALS	35.3	28.0	12.4	4.8								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 444

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.6	.3									3.2	5.7	5.0
020-040	3.2	2.8	.7									6.6	5.3	5.0
050-070	4.6	3.5	1.0	.4	.0							9.4	5.7	5.0
(E) 080-100	1.7	1.6	.0									3.4	4.6	4.0
110-130	2.0	1.6	.1									3.7	4.4	4.0
140-160	2.3	1.5	.0									3.8	4.1	4.0
(S) 170-190	4.2	2.2	.5									7.0	4.5	4.0
200-220	3.6	4.0	2.0	.2	.0							9.7	6.4	6.0
230-250	3.2	5.7	3.1	.9	.1	.0						13.0	7.8	7.0
(W) 260-280	3.1	5.2	5.9	2.0	.4	.0	.0					16.6	9.6	10.0
290-310	2.5	3.2	2.4	.6	.1	.0		.0				8.9	8.0	7.0
320-340	1.1	1.9	.7	.1	.0							3.8	6.9	7.0
VARIABLE		.3	.4		.0							.7	9.9	10.0
CALM	////////////////////////////////////											10.0	////////////////////////////////	
TOTALS	32.8	35.1	17.1	4.2	.6							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 1187

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.6	2.1	.5									4.3	5.9	5.5
020-040	4.9	4.7	1.4									11.0	5.4	5.0
050-070	5.2	2.0	.7	.3								8.3	5.1	4.0
(E) 080-100	1.8	.9										2.7	3.5	3.0
110-130	1.3	1.2	.3									2.8	5.1	5.0
140-160	1.8	1.5										3.3	4.4	4.0
(S) 170-190	3.5	1.7	.3									5.5	4.2	3.5
200-220	3.8	1.8										5.7	3.9	4.0
230-250	3.1	6.7	1.5	.2	.1							11.6	6.6	6.0
(W) 260-280	4.3	7.4	6.5	1.7	.3							20.2	8.6	8.0
290-310	3.0	3.8	2.2	.5	.1							9.7	7.4	7.0
320-340	1.7	1.5	.5	.2								3.9	6.3	5.0
VARIABLE														
CALM	////////////////////////////////////											11.0	////////////////////////////////	
TOTALS	36.0	35.3	13.9	2.9	.5							100.0	5.6	5.0

TOTAL NUMBER OF OBSERVATIONS 937

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: APR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.9	2.8										6.7	4.7	4.0
020-040	4.4	5.0	.6									10.0	5.1	5.0
050-070	3.3	2.2										5.6	4.3	4.0
(E) 080-100	2.2	3.3										5.6	5.4	5.0
110-130	2.8											2.8	3.4	4.0
140-160	1.7	.6										2.2	4.5	3.5
(S) 170-190	3.3	.6										3.9	2.9	2.0
200-220	3.3	1.1										4.4	4.0	4.0
230-250	4.4	3.3										7.8	4.6	4.0
(W) 260-280	3.9	8.3	2.8									15.0	6.6	7.0
290-310	6.7	2.8	.6									10.0	4.2	2.5
320-340	2.2		.6									2.8	5.0	4.0
VARIABLE														
CALM	////////////////////											23.3	////	////
TOTALS	42.1	30.0	4.6									100.0	3.8	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.0	3.0										5.9	5.0	4.5
020-040	4.2	5.2										9.4	5.2	5.0
050-070	4.0	3.0	1.2	.5								8.7	6.0	5.0
(E) 080-100	1.0	2.5	.5									4.0	5.9	6.0
110-130	1.2	.7										2.0	4.6	4.0
140-160	1.7	.7										2.5	3.6	3.0
(S) 170-190	6.2	.7										6.9	3.1	3.0
200-220	4.5	1.0	.5									5.9	4.2	3.0
230-250	3.0	3.2	1.5									7.7	6.0	6.0
(W) 260-280	4.7	6.2	3.2	.2								14.4	6.8	7.5
290-310	4.2	3.5	1.0									8.7	5.2	5.0
320-340	2.0	2.5	.2									4.7	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											19.3	////////////////////////////////	
TOTALS	39.7	32.2	8.1	.7								100.0	4.3	5.0

TOTAL NUMBER OF OBSERVATIONS 404

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.1	2.4										5.5	4.9	4.0
020-040	4.3	5.0	.3									9.6	5.3	5.0
050-070	4.4	4.9	.9	.3								10.6	5.7	5.0
(E) 080-100	1.4	1.2	.8									3.4	6.5	6.5
110-130	1.5	2.3										3.8	5.0	5.0
140-160	1.8	.8	.2									2.8	4.2	4.0
(S) 170-190	5.0	1.5										6.6	3.4	3.0
200-220	5.0	1.5	.8									7.3	4.1	3.5
230-250	2.4	4.4	2.1									9.0	6.9	7.0
(W) 260-280	4.6	6.4	2.8	.3								14.1	6.7	6.5
290-310	3.8	3.7	1.5	.2								9.2	6.2	6.0
320-340	.6	3.5										4.1	6.1	6.0
VARIABLE		.2										.2	8.0	8.0
CALM	////////////////////////////////////											13.9	////////////////////////////////	
TOTALS	37.9	37.8	9.4	.8								100.0	4.8	5.0
TOTAL NUMBER OF OBSERVATIONS 654														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.4	3.0	.6									5.9	5.6	5.0
020-040	1.9	5.2	.4									7.5	6.0	6.0
050-070	1.6	6.1	2.1	.1								9.9	7.1	7.0
(E) 080-100	1.6	2.5	1.3									5.5	6.8	8.0
110-130	2.7	2.7	1.0									6.4	5.7	6.0
140-160	1.6	3.0	.1									4.7	5.3	5.0
(S) 170-190	3.4	1.5										4.9	3.9	4.0
200-220	3.0	1.2	.7									4.9	5.0	4.0
230-250	2.2	4.9	2.5	.4								10.1	7.7	8.0
(W) 260-280	2.8	6.4	7.2	1.0	.1							17.6	8.8	9.0
290-310	2.1	5.6	2.2	.6								10.5	7.8	7.0
320-340	.4	3.0	.7									4.1	6.8	7.0
VARIABLE		2.4	.7									3.1	8.8	8.0
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	25.7	47.5	19.5	2.1	.1							100.0	6.6	7.0

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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			
(W) 350-010	1.9	3.0	1.6									6.6	6.6	6.0
020-040	1.8	4.3	.3									6.4	5.7	6.0
050-070	3.1	5.4	1.8	.1								10.4	6.6	6.0
(E) 080-100	.9	2.1	2.2									5.2	7.8	8.0
110-130	1.6	2.5	.6									4.8	6.3	6.5
140-160	1.9	1.5										3.4	4.3	4.0
(S) 170-190	2.8	1.5										4.3	4.3	4.0
200-220	2.7	1.9	.3									4.9	4.7	4.0
230-250	1.9	3.4	2.2	.7								8.3	8.0	7.5
(W) 260-280	2.5	6.6	6.1	2.4	.3							17.9	9.4	9.0
290-310	2.5	6.1	4.0	.3	.1							13.1	7.7	7.0
320-340	1.3	3.9	1.9									7.2	7.6	8.0
VARIABLE		4.5	1.5									6.0	8.5	8.0
CALM	////////////////////////////////////											1.5	////////////////////////////////	
TOTALS	24.9	46.7	22.5	3.5	.4							100.0	7.2	7.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.8	3.4	1.6									6.8	6.9	7.0
020-040	3.2	4.7	.6									8.6	5.6	5.0
050-070	1.8	4.5	2.1	.2								8.6	7.5	7.0
(E) 080-100	1.3	2.1	1.5									4.9	7.5	7.0
110-130	2.9	2.8	.8	.2								6.6	6.1	5.0
140-160	2.4	1.6										4.0	4.3	4.0
(S) 170-190	2.9	1.5	.2									4.5	4.3	4.0
200-220	2.3	1.6										3.9	4.4	4.0
230-250	1.6	2.6	2.9	1.1								8.3	9.0	9.0
(W) 260-280	.8	4.4	5.3	2.1								12.6	10.3	10.0
290-310	2.3	7.3	5.3	.5								15.4	8.1	8.0
320-340	2.3	4.7	2.1	.5								9.5	7.5	7.0
VARIABLE	.2	3.4	.6									4.2	8.0	7.0
CALM	////////////////////////////////////											2.1	////////////////////////////////	
TOTALS	25.8	44.6	23.0	4.6								100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.9	5.2	1.4									10.5	6.1	6.0
020-040	3.4	5.2	1.1									9.6	5.4	5.0
050-070	2.5	2.3	1.2									6.1	5.8	5.5
(E) 080-100	5.0	2.5	1.1									8.6	4.9	4.0
110-130	5.3	.5	.5									6.4	3.6	3.0
140-160	3.2	.5										3.7	2.9	2.0
(S) 170-190	1.8	1.1										2.9	3.6	3.0
200-220	1.6	1.6	.2									3.4	5.2	5.0
230-250	3.0	1.8	.4	.7								5.9	6.1	4.0
(W) 260-280	3.6	3.6	3.4	1.2								11.8	8.1	8.0
290-310	3.9	5.0	3.4	.5								12.8	7.2	7.0
320-340	4.6	2.7	1.2	.4								8.9	5.8	4.0
VARIABLE														
CALM	////////////////////											9.4	////	////
TOTALS	41.8	32.0	13.9	2.8								100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 561

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.6	2.6	.6	.4								6.2	5.8	5.0
020-040	3.0	6.2	.4									9.6	5.7	6.0
050-070	2.6	3.9	1.7									8.2	6.0	6.0
(E) 080-100	2.2	2.4	.7									5.4	5.8	6.0
110-130	5.4	.2										5.6	2.7	2.0
140-160	4.7	.6										5.2	2.8	2.0
(S) 170-190	2.2	.4	.4									3.0	4.0	3.0
200-220	2.6	2.2	.4									5.2	4.9	4.5
230-250	3.2	1.7	.4									5.2	4.7	4.0
(W) 260-280	5.1	6.6	3.2									14.8	6.4	6.0
290-310	2.8	4.3	2.2	.2								9.6	7.2	7.0
320-340	2.8	1.7										4.5	4.0	4.0
VARIABLE														
CALM	////////////////////////////////////											17.4	////////////////////////////////	
TOTALS	39.2	32.8	10.0	.6								100.0	4.4	5.0
TOTAL NUMBER OF OBSERVATIONS 534														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.7	3.2	.8	.0								6.7	5.9	5.5
020-040	3.1	5.1	.5									8.6	5.5	5.0
050-070	2.8	4.4	1.5	.2								8.9	6.4	6.0
(E) 080-100	1.9	2.2	1.2									5.3	6.4	6.0
110-130	2.9	1.7	.4	.0								5.1	4.9	4.0
140-160	2.4	1.3	.0									3.7	4.0	4.0
(S) 170-190	3.4	1.2	.1									4.7	3.8	3.0
200-220	3.1	1.6	.4									5.0	4.6	4.0
230-250	2.5	3.2	1.7	.4								7.9	7.1	7.0
(W) 260-280	3.4	5.8	4.5	1.1	.1							14.9	8.2	8.0
290-310	3.2	5.1	2.8	.3	.0							11.4	7.2	7.0
320-340	1.9	3.1	.9	.1								6.0	6.4	6.0
VARIABLE	.0	1.6	.4									2.0	8.4	8.0
CALM	////////////////////////////////////										9.6	////////////////////////////////		
TOTALS	33.3	39.5	15.2	2.1	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 4298

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: APR HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.3	5.5	1.8									11.6	6.1	6.0
020-040	4.3	7.3	1.0									12.6	5.8	6.0
050-070	2.8	3.1	1.2	.1								7.2	6.0	5.0
(E) 080-100	1.0	2.7	.1									3.9	6.2	7.0
110-130	.4	1.2										1.5	5.6	6.0
140-160	.3	.5	.1									.9	5.3	6.0
(S) 170-190	.4	.1										.5	3.8	2.5
200-220	1.3	.4	.1									1.8	4.1	3.0
230-250	1.5	1.7	1.3	.1								4.6	6.9	7.0
(W) 260-280	3.7	8.6	5.4	.8								18.6	7.9	8.0
290-310	4.1	9.7	4.0	.5								18.3	7.2	7.0
320-340	2.7	6.3	.9	.1								10.1	6.2	6.0
VARIABLE														
CALM	////////////////////											8.4	////	////
TOTALS	26.8	47.1	15.9	1.6								100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 776

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.6	1.1	1.6									4.3	7.4	8.5
020-040	.5	2.2										2.7	5.6	6.0
050-070	3.2											3.2	2.2	2.0
(E) 080-100	1.6											1.6	3.7	4.0
110-130	3.2											3.2	2.3	2.0
140-160	3.2	.5										3.8	2.3	2.0
(S) 170-190	4.8											4.8	2.3	2.0
200-220	6.5		.5									7.0	3.3	3.0
230-250	4.8	2.7										7.5	4.1	4.0
(W) 260-280	7.0	7.0	2.7									16.7	5.5	5.0
290-310	7.0	7.0	1.1	.5								15.6	5.6	5.0
320-340	4.3	3.8										8.1	4.5	4.0
VARIABLE														
CALM	////////////////////////////////////											21.5	////////////////////////////////	
TOTALS	47.7	24.3	5.9	.5								100.0	3.6	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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			
(W) 350-010	1.1	1.6	.4									3.1	5.6	5.5
020-040	5.5	4.2	.9									10.6	4.9	4.0
050-070	5.8	2.9										8.6	4.1	4.0
(E) 080-100	3.1	.9										4.0	3.8	3.5
110-130	1.3											1.3	2.8	2.5
140-160	2.0											2.0	2.3	2.0
(S) 170-190	4.7	1.8										6.4	3.4	4.0
200-220	5.1	1.3	.2	.2								6.9	4.2	4.0
230-250	4.0	2.0										6.0	4.0	4.0
(W) 260-280	8.4	4.7	1.6									14.6	4.7	4.0
290-310	6.9	2.7		.2								9.8	3.7	3.0
320-340	1.8	2.4										4.2	4.8	5.0
VARIABLE														
CALM	////////////////////////////////////											22.4	//////////	
TOTALS	49.7	24.5	3.1	.4								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 451

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.8	1.3	.3									3.4	4.8	4.0
020-040	2.8	4.7	.6									8.1	5.5	5.0
050-070	5.6	5.3	.9									11.8	5.0	5.0
(E) 080-100	1.9	.6	.7									3.3	5.5	4.0
110-130	2.4	1.3	.6									4.3	5.2	4.0
140-160	1.0	1.0										2.1	4.3	4.5
(S) 170-190	6.8	1.5										8.3	3.4	3.0
200-220	5.5	3.4										8.9	4.1	4.0
230-250	5.2	4.6	.7									10.5	5.1	5.0
(W) 260-280	5.9	6.8	2.5	.3								15.5	6.1	6.0
290-310	2.8	2.7	.3									5.8	4.9	5.0
320-340	1.9	2.5										4.4	5.0	5.5
VARIABLE		.1										.1	9.0	9.0
CALM	////////////////////////////////////											13.5	////////////////////////////////	
TOTALS	43.6	35.8	6.6	.3								100.0	4.3	4.0

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	3.8	.1									5.3	5.4	5.0
020-040	3.9	2.7	1.0									7.6	5.5	4.0
050-070	2.6	5.9	1.0									9.5	5.8	6.0
(E) 080-100	1.9	3.0	1.9									6.8	6.8	7.0
110-130	1.2	2.0	2.2	.3								5.6	8.0	7.0
140-160	2.5	1.6	.1									4.2	4.3	4.0
(S) 170-190	2.6	1.0	.1									3.8	3.8	3.0
200-220	4.0	3.5	.6									8.1	4.8	4.5
230-250	3.2	4.6	2.6	.3								10.7	7.2	8.0
(W) 260-280	2.7	5.6	4.0	.4	.1							13.0	7.9	8.0
290-310	3.9	5.3	1.9									11.1	6.2	6.0
320-340	1.9	3.2	.4		.1							5.6	6.4	6.0
VARIABLE		1.6	.4									2.0	8.5	8.0
CALM	////////////////////////////////////											6.6	////////////////////////////////	
TOTALS	31.8	43.8	16.3	1.0	.2							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 693

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.7	3.6	.7									6.0	6.0	5.5
020-040	4.3	3.9	.6									8.8	5.0	5.0
050-070	2.2	4.5	1.0									7.6	5.9	5.0
(E) 080-100	.6	2.0	1.6									4.2	7.9	8.0
110-130	2.2	1.9	1.2									5.2	6.6	6.0
140-160	1.7	1.9										3.6	4.8	5.0
(S) 170-190	2.4	1.9	.3									4.6	4.7	4.0
200-220	2.9	3.2	.4									6.5	5.1	5.0
230-250	1.7	5.8	2.2	.4								10.1	7.7	8.0
(W) 260-280	2.9	4.9	4.3	1.0								13.1	8.1	8.0
290-310	4.3	5.8	3.9	.3								14.2	7.1	7.0
320-340	2.6	4.0	2.2	.3								9.1	7.0	7.0
VARIABLE		2.7	1.2									3.9	8.7	9.0
CALM	////////////////////////////////////											3.2	////////////////////////////////	
TOTALS	29.5	46.1	19.6	2.0								100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	3.9	.2									6.8	5.1	5.0
020-040	3.9	4.9	.6									9.5	5.2	5.0
050-070	1.6	3.2	1.3									6.0	6.6	6.0
(E) 080-100	2.2	2.4	1.7									6.3	6.6	7.0
110-130	1.4	2.7	.5									4.6	5.9	6.0
140-160	2.1	.6										2.7	3.0	2.0
(S) 170-190	2.7	1.4	.5									4.6	4.8	4.0
200-220	1.9	3.6	.9									6.5	5.8	6.0
230-250	2.4	2.7	2.4									7.4	7.1	7.0
(W) 260-280	3.3	6.3	4.7	.8								15.1	8.1	8.0
290-310	3.6	6.2	3.3	.2								13.2	7.1	7.0
320-340	2.7	5.2	1.9									9.8	6.7	7.0
VARIABLE		2.7	.6									3.3	8.4	8.0
CALM	////////////////////////////////////											4.3	////////////////////////////////	
TOTALS	30.5	45.8	18.6	1.0								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	4.5	2.9	.5									7.9	5.0	4.0
020-040	6.7	3.2	.4									10.3	4.1	4.0
050-070	3.8	3.4	.7									7.9	5.0	5.0
(E) 080-100	2.2	2.9	.7									5.8	5.9	5.5
110-130	1.6	.9										2.5	4.1	4.0
140-160	3.1	.7										3.8	3.4	4.0
(S) 170-190	3.4	.7										4.1	3.0	2.0
200-220	3.1	1.8	.2									5.0	4.5	4.0
230-250	3.1	2.7	1.6	.2								7.6	6.6	5.0
(W) 260-280	5.2	4.7	2.7	.2								12.8	6.3	6.0
290-310	6.8	6.3	1.8									14.9	5.4	5.0
320-340	4.1	4.1	.5									8.8	5.2	5.0
VARIABLE		.2										.2	8.0	8.0
CALM	////////////////////////////////////											8.5	////////////////////////////////	
TOTALS	47.6	34.5	9.1	.4								100.0	4.7	4.0
TOTAL NUMBER OF OBSERVATIONS 556														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.4	1.8										4.2	4.0	4.0
020-040	5.6	2.2	.2									8.0	4.2	4.0
050-070	2.2	3.8	.2									6.2	5.0	5.0
(E) 080-100	1.2	2.8										4.0	6.1	7.0
110-130	2.0	1.2										3.2	3.9	4.0
140-160	3.6	.2	.2									4.0	2.4	2.0
(S) 170-190	3.4	.2										3.6	2.1	2.0
200-220	5.2	1.0										6.2	3.5	3.0
230-250	6.8	2.8	1.0									10.5	4.7	4.0
(W) 260-280	6.0	6.2	1.2									13.3	5.6	6.0
290-310	4.0	4.2	1.0	.4								9.5	5.8	5.0
320-340	3.0	2.4										5.4	4.4	4.0
VARIABLE														
CALM	////////////////////											22.1	////	////
TOTALS	45.4	28.8	3.8	.4								100.0	3.6	4.0
TOTAL NUMBER OF OBSERVATIONS 503														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	2.2	2.7	.4									5.3	5.3	5.0
020-040	4.4	3.7	.6									8.6	4.9	4.0
050-070	3.3	4.1	.8									8.1	5.3	5.0
(E) 080-100	1.8	2.0	1.0									4.8	6.3	6.0
110-130	1.8	1.5	.7	.0								4.0	5.8	5.0
140-160	2.3	.9	.0									3.2	3.6	3.0
(S) 170-190	3.7	1.2	.1									5.1	3.6	3.0
200-220	4.0	2.6	.4	.0								6.9	4.6	4.0
230-250	3.7	3.7	1.5	.1								9.1	6.2	6.0
(W) 260-280	4.8	5.7	3.1	.4	.0							14.0	6.8	6.0
290-310	4.6	4.9	1.8	.2								11.4	6.0	5.0
320-340	2.6	3.5	.8	.0	.0							6.9	5.9	6.0
VARIABLE		1.1	.3									1.5	8.6	8.0
CALM	////////////////////////////////////											11.0	////////////////////////////////	
TOTALS	39.2	37.6	11.5	.7								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 4394

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.7	6.1	1.4									10.2	6.2	6.0
020-040	4.7	6.9	2.0									13.7	6.1	6.0
050-070	2.2	2.5										4.7	4.6	5.0
(E) 080-100	.8											.8	2.4	2.0
110-130	.5	.2										.7	3.8	3.5
140-160	.7											.7	2.5	2.5
(S) 170-190	3.1	.7										3.7	3.0	3.0
200-220	2.4	2.2	.2									4.7	4.6	4.5
230-250	3.1	5.8	2.7									11.5	6.8	6.5
(W) 260-280	4.6	8.8	4.6	.8								18.8	7.2	6.0
290-310	5.3	6.3	2.9									14.4	6.1	5.0
320-340	2.5	5.9	.5		.2							9.2	6.0	6.0
VARIABLE														
CALM	////////////////////											6.8	////////////////	
TOTALS	32.6	45.4	14.3	.8	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 590

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.3			.6								3.9	4.9	4.0
020-040	8.3	2.8										11.1	3.6	3.5
050-070	8.3											8.3	2.9	3.0
(E) 080-100														
110-130	2.2											2.2	2.0	2.0
140-160	3.9	.6										4.4	2.5	2.0
(S) 170-190	3.9	2.2	.6									6.7	4.3	3.5
200-220	6.7	2.2	.6									9.4	4.2	4.0
230-250	6.7	3.9	.6									11.1	4.3	4.0
(W) 260-280	5.6	7.2	2.2									15.0	5.7	5.0
290-310	2.8	2.2										5.0	3.9	3.0
320-340	1.7	.6	.6									2.8	4.8	3.0
VARIABLE														
CALM	////////////////////////////////////										20.0	////////////////////////////////		
TOTALS	53.4	21.7	4.6	.6								100.0	3.3	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: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.8	.8	.2									1.8	5.0	5.0
020-040	5.7	2.2										7.9	3.8	4.0
050-070	4.5	1.4										5.9	3.3	3.0
(E) 080-100	.8	.4										1.2	3.7	2.0
110-130	1.8											1.8	2.7	2.0
140-160	1.2	.2										1.4	2.7	2.0
(S) 170-190	7.9	.8	.2									9.0	3.0	2.0
200-220	7.3	2.9	.2									10.4	3.9	3.0
230-250	6.7	2.4	1.2									10.4	4.4	4.0
(W) 260-280	9.8	8.1	1.4									19.3	5.2	4.0
290-310	4.9	1.8	1.6									8.4	5.2	4.0
320-340	2.4	1.0										3.5	4.2	4.0
VARIABLE														
CALM	////////////////////											18.9	////////////////	
TOTALS	53.8	22.0	4.8									100.0	3.5	4.0

TOTAL NUMBER OF OBSERVATIONS 491

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	.9	.1									2.3	4.1	3.5
020-040	3.6	2.3										6.0	4.0	4.0
050-070	4.7	3.1										7.7	4.0	4.0
(E) 080-100	.9	.7										1.6	4.3	4.0
110-130	1.5	1.2										2.6	4.5	4.0
140-160	3.2	.6										3.8	3.0	3.0
(S) 170-190	5.7	1.2										6.8	3.3	3.0
200-220	8.0	3.1	.3									11.4	3.9	3.5
230-250	4.5	5.7	.7									10.9	5.5	5.0
(W) 260-280	7.0	10.2	4.8	.4								22.4	6.7	6.0
290-310	3.9	3.9	1.9									9.8	5.8	6.0
320-340	1.9	1.5	.4									3.8	5.3	4.5
VARIABLE		.1	.1									.3	8.5	8.5
CALM	////////////////////////////////////											10.6	////////////////////////////////	
TOTALS	46.2	34.5	8.3	.4								100.0	4.5	4.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATIEBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.8	1.2	.3									3.2	4.8	4.0
020-040	2.8	2.5	.1									5.4	4.7	4.0
050-070	2.9	2.2	.7									5.8	5.0	4.5
(E) 080-100	2.0	1.9	.1									4.1	4.9	4.5
110-130	1.3	2.2	.1									3.7	5.3	5.0
140-160	3.5	1.0										4.5	3.5	3.0
(S) 170-190	3.1	2.3	.1									5.6	4.7	4.0
200-220	2.2	2.8	.3									5.3	5.2	5.0
230-250	2.5	6.6	2.9	.1								12.1	7.1	7.0
(W) 260-280	3.8	9.8	9.4	.6	.1							23.7	8.5	9.0
290-310	2.3	7.0	2.0	.1								11.5	6.9	7.0
320-340	2.2	3.8	.6									6.6	6.0	6.0
VARIABLE	.1	1.9	1.6									3.7	9.3	9.0
CALM	////////////////////////////////////											4.8	////////////////////////////////	
TOTALS	30.5	45.2	18.2	.8	.1							100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 684

REPORTING LOCATION "A"
 AFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN 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
1) 350-010	2.0	2.9	.3									5.3	5.6	5.0
020-040	2.2	2.9	.4									5.6	5.4	6.0
050-070	1.9	4.1	.1									6.1	5.7	5.5
1) 080-100	1.2	1.6	.4									3.2	5.7	5.0
110-130	1.3	1.2	.4									2.9	5.3	5.0
140-160	1.2	1.3										2.5	4.7	5.0
3) 170-190	2.2	2.3										4.5	5.1	5.0
200-220	2.5	5.0										7.5	5.5	5.0
230-250	2.0	6.3	2.9	.3	.1							11.7	7.8	8.0
4) 260-280	2.5	8.8	7.9	1.9	.3							21.3	9.3	8.5
290-310	2.6	7.0	2.8	.1								12.6	6.9	7.0
320-340	2.8	4.4	.3									7.5	5.5	6.0
VARIABLE		3.2	2.0									5.3	8.9	9.0
CALM	////////////////////////////////////											4.1	////////////////////////////////	
TOTALS	24.4	51.0	17.5	2.3	.4							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.5	4.2										7.7	4.7	5.0
020-040	3.0	3.7	.2									6.9	5.1	5.0
050-070	2.4	3.0	.2									5.6	5.3	5.0
(E) 080-100	2.2	1.3	.8									4.3	5.5	4.0
110-130	1.6	1.6										3.2	4.8	4.5
140-160	1.1	1.3										2.4	5.1	6.0
(S) 170-190	2.6	1.9										4.5	4.2	4.0
200-220	2.1	3.0	.5									5.6	5.7	5.0
230-250	1.9	4.3	2.9	.3								9.5	7.7	8.0
(W) 260-280	3.4	9.8	6.3	1.0	.2							20.5	8.2	8.0
290-310	3.2	10.0	4.2	.5								17.8	7.5	7.0
320-340	2.1	4.2	.6									6.9	6.2	6.0
VARIABLE		1.8	1.1									2.9	9.3	8.5
CALM	////////////////////////////////////										2.1	////////////////////////////////		
TOTALS	29.1	50.1	16.8	1.8	.2							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 623

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	4.6	2.1										6.8	4.0	4.0
020-040	4.8	4.6	.4									9.8	4.6	5.0
050-070	3.6	2.0										5.5	4.0	4.0
(E) 080-100	2.5	1.8	.2									4.5	4.5	4.0
110-130	2.7											2.7	2.5	2.0
140-160	1.1	1.1										2.1	4.2	4.5
(S) 170-190	2.5	.5										3.0	3.1	3.0
200-220	2.1	3.0	.2									5.4	5.1	5.0
230-250	3.9	2.7	1.6									8.2	5.5	5.0
(W) 260-280	4.8	9.8	4.1	.4								19.1	7.1	7.0
290-310	5.5	6.3	.2									12.0	5.0	5.0
320-340	5.9	4.5	.5									10.9	4.7	4.0
VARIABLE		.5	.4									.9	10.0	9.0
CALM	////////////////////////////////////											9.1	////////////////////////////////	
TOTALS	44.0	38.9	7.6	.4								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.0										4.8	3.5	4.0
020-040	5.7	2.3										8.0	3.8	4.0
050-070	5.4	1.5										6.9	3.3	3.0
(E) 080-100	1.1	1.0										2.1	4.3	4.0
110-130	3.4	.2										3.6	2.3	2.0
140-160	1.3											1.3	2.6	2.0
(S) 170-190	4.0	1.0										5.0	3.4	4.0
200-220	3.1	2.1										5.2	3.8	4.0
230-250	6.5	2.1	.8									9.4	4.2	3.0
(W) 260-280	6.5	7.1	2.3	.2								16.1	6.0	6.0
290-310	5.4	1.9		.2								7.5	3.8	3.0
320-340	4.6	2.5	.2									7.3	4.5	4.0
VARIABLE		.2										.2	7.0	7.0
CALM	////////////////////////////////////											22.8	////////////////////////////////	
TOTALS	50.8	22.9	3.3	.4								100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 523

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.5	1.8	.1	.0								4.5	4.6	4.0
020-040	4.0	2.9	.2									7.1	4.4	4.0
050-070	3.7	2.5	.2									6.3	4.3	4.0
(E) 080-100	1.5	1.2	.2									2.9	4.9	4.0
110-130	1.9	.9	.1									2.9	4.1	4.0
140-160	2.0	.8										2.8	3.7	3.0
(S) 170-190	3.9	1.5	.1									5.5	3.8	4.0
200-220	4.0	3.1	.2									7.3	4.6	4.0
230-250	3.9	4.5	1.9	.1	.0							10.4	6.2	6.0
(W) 260-280	5.2	9.1	5.3	.7	.1							20.4	7.5	7.0
290-310	3.8	5.5	1.8	.1								11.3	6.2	6.0
320-340	3.0	3.1	.4									6.5	5.3	5.0
VARIABLE	.0	1.2	.8									2.0	9.1	9.0
CALM	////////////////////////////////////											10.1	////////////////////////////////	
TOTALS	39.4	38.1	11.3	.9	.1							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 4432

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	3.1	2.4	.9									6.5	5.3	5.0
020-040	8.9	3.1	.2									12.2	3.6	3.0
050-070	3.0	1.9										4.8	4.1	4.0
(E) 080-100	1.1	.6										1.7	4.6	4.0
110-130	.4											.4	3.0	3.0
140-160	.6											.6	1.7	2.0
(S) 170-190	1.1	.7	.2									2.0	4.5	4.0
200-220	1.9	1.3	.2									3.3	4.9	4.0
230-250	3.3	5.4	3.0	.2								11.9	7.0	6.5
(W) 260-280	3.3	12.2	6.9	.7								23.1	8.0	8.0
290-310	3.9	7.6	3.3									14.8	6.8	7.0
320-340	5.2	3.9	.7									9.8	5.0	4.0
VARIABLE														
CALM	////////////////////											8.9	////	////
TOTALS	35.8	39.1	15.4	.9								100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 540

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6											1.6	2.7	3.0
020-040	1.6	1.1										2.7	3.8	4.0
050-070	1.6											1.6	3.3	4.0
(E) 080-100	1.6											1.6	2.3	2.0
110-130	2.1											2.1	2.5	2.0
140-160	1.1	.5										1.6	2.7	2.0
(S) 170-190	11.2	1.1										12.2	3.1	3.0
200-220	6.9	2.1										9.0	3.1	3.0
230-250	4.8	2.1										6.9	4.0	4.0
(W) 260-280	8.0	8.0	1.6									17.6	5.4	5.0
290-310	4.8	2.1										6.9	3.5	2.0
320-340	1.1	2.1										3.2	5.5	5.0
VARIABLE														
CALM	////////////////////											33.0	////	////
TOTALS	46.4	19.1	1.6									100.0	2.6	4.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.2	1.4										3.7	4.4	4.0
020-040	5.3	3.5										8.7	4.4	4.0
050-070	5.1	1.4										6.5	3.7	4.0
(E) 080-100	1.0											1.0	3.0	3.0
110-130	1.6	.4										2.0	3.6	4.0
140-160	3.3	.4										3.7	3.2	3.5
(S) 170-190	6.1	1.2										7.3	3.3	3.0
200-220	5.3	1.4										6.7	3.5	3.0
230-250	5.9	4.3										10.2	4.5	4.0
(W) 260-280	4.3	4.9	1.4									10.6	5.8	5.5
290-310	5.1	2.6										7.7	3.9	4.0
320-340	2.6	2.6										5.3	4.7	4.5
VARIABLE														
CALM	////////////////////////////////////											26.6	////////////////////////////////	
TOTALS	47.8	24.1	1.4									100.0	3.1	4.0
TOTAL NUMBER OF OBSERVATIONS 492														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.7	.1									5.5	5.0	5.0
020-040	2.5	2.2	.1									4.9	4.5	4.0
050-070	4.6	3.7	.1									8.5	4.6	4.0
(E) 080-100	1.5	.9										2.4	3.8	3.5
110-130	3.0	1.8										4.8	4.0	4.0
140-160	3.0	1.6										4.6	3.8	4.0
(S) 170-190	7.6	1.2	.1									8.9	3.3	3.0
200-220	5.7	1.8										7.4	3.7	4.0
230-250	4.2	3.4	1.2									8.8	5.1	5.0
(W) 260-280	4.8	5.7	3.0	.1								13.5	6.5	6.0
290-310	4.6	4.0	.3									8.9	4.8	4.0
320-340	2.4	2.5	.1									5.1	4.9	5.0
VARIABLE		.1	.1									.3	8.5	8.5
CALM	////////////////////////////////////											16.4	////////////////////////////////	
TOTALS	46.6	31.6	5.1	.1								100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.3	3.1	.4									4.9	5.8	6.0
020-040	2.5	2.7										5.2	4.2	5.0
050-070	2.7	3.3	.3									6.2	5.3	5.0
(E) 080-100	1.8	1.2	.3									3.3	4.7	4.0
110-130	3.0	3.4	.3									6.7	5.1	5.0
140-160	3.9	2.8	.3									7.0	4.6	4.0
(S) 170-190	3.4	1.6	.4									5.5	4.7	4.0
200-220	3.7	2.7	.4									6.8	5.0	4.0
230-250	2.7	3.9	2.2	.3								9.1	6.9	6.0
(W) 260-280	2.2	7.1	4.0	1.3								14.7	8.4	8.0
290-310	5.5	7.4	2.1	.1								15.2	5.9	6.0
320-340	1.9	2.2	1.0									5.2	6.1	6.0
VARIABLE		1.9	1.3									3.3	9.1	8.0
CALM	////////////////////////////////////											6.8	////////////////////////////////	
TOTALS	34.6	43.3	13.0	1.7								100.0	5.6	6.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.0	1.9	.1									5.1	4.6	4.0
020-040	1.9	3.3	.1									5.4	5.3	6.0
050-070	2.5	2.8	.1									5.5	5.4	5.0
(E) 080-100	1.5	1.8	.1									3.4	5.4	6.0
110-130	2.2	2.4	.3									4.9	5.2	5.0
140-160	2.7	2.2										4.9	4.2	4.0
(S) 170-190	2.5	2.8										5.4	4.8	5.0
200-220	2.1	2.5	.7									5.4	6.0	6.0
230-250	2.4	3.1	2.2	.4		.1						8.3	7.6	7.0
(W) 260-280	3.4	8.3	6.7	.7								19.2	8.3	8.0
290-310	3.4	7.4	3.7	.6								15.2	7.4	7.0
320-340	2.2	5.1	.7	.3								8.3	6.6	6.0
VARIABLE	.1	4.3	1.5									6.0	8.6	8.0
CALM	////////////////////////////////////											3.1	////////////////////////////////	
TOTALS	29.9	47.9	16.2	2.0		.1						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.0	3.9	.6									7.5	5.6	5.0
020-040	2.0	3.1	.5									5.7	5.6	6.0
050-070	2.2	2.2	.3									4.7	4.9	5.0
(E) 080-100	1.6	1.9										3.5	4.8	5.0
110-130	2.8	1.9	.3									5.0	4.8	4.0
140-160	1.1	1.4										2.5	4.9	5.0
(S) 170-190	4.1	2.0										6.1	3.8	3.0
200-220	2.8	1.7	.3									4.9	4.6	4.0
230-250	1.4	5.0	.9	.3								7.7	6.8	6.0
(W) 260-280	2.2	6.4	3.1	1.3								13.1	8.2	7.0
290-310	4.4	10.2	5.7	.2								20.4	7.5	8.0
320-340	2.2	7.5	2.2	.3								12.3	7.5	7.0
VARIABLE		2.0	.6									2.7	8.8	9.0
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	29.8	49.2	14.5	2.1								100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	5.3	4.3	.3									9.9	4.7	4.0
020-040	4.6	3.9	.3									8.9	4.8	4.0
050-070	4.1	1.2										5.3	3.7	4.0
(E) 080-100	1.7	2.0										3.8	4.3	5.0
110-130	3.9	.9										4.8	2.9	2.5
140-160	2.4	.7										3.1	3.3	3.0
(S) 170-190	3.2	.5										3.8	3.1	2.5
200-220	1.7	.7										2.4	3.8	3.5
230-250	2.0	1.7	1.9	.2								5.8	6.9	6.0
(W) 260-280	4.3	6.8	2.6	.2								13.8	6.8	7.0
290-310	3.6	8.5	1.7	.2								14.0	6.4	6.0
320-340	6.3	7.3	1.2	.2								15.0	5.2	5.0
VARIABLE		.2	.2									.3	10.0	10.0
CALM	////////////////////////////////////											9.2	////////////////////////////////	
TOTALS	43.1	38.7	8.2	.8								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 586

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	1.7										5.5	4.0	4.0
020-040	4.6	3.6	.2									8.4	4.3	4.0
050-070	3.4	1.9										5.3	4.0	4.0
(E) 080-100	2.3	.4										2.7	3.3	3.0
110-130	3.8	.4										4.2	2.9	2.5
140-160	3.8		.2									4.0	2.7	2.0
(S) 170-190	3.4	1.0										4.4	3.6	3.0
200-220	2.3	.8	.2									3.2	3.9	4.0
230-250	4.0	2.9	.6									7.4	4.7	4.0
(W) 260-280	7.8	6.9	.8	.2								15.6	5.0	4.5
290-310	5.3	3.4	.2									9.0	4.6	4.0
320-340	4.0	1.9	.2									6.1	4.0	4.0
VARIABLE		.6										.6	7.7	7.0
CALM	////////////////////////////////////											23.6	////////////////////////////////	
TOTALS	48.5	25.5	2.4	.2								100.0	3.2	4.0
TOTAL NUMBER OF OBSERVATIONS 525														

OPERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL HOURE: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
N) 350-010	2.9	2.7	.2									5.9	4.9	4.0
020-040	3.2	3.1	.2									6.4	4.7	5.0
050-070	3.4	2.3	.1									5.9	4.6	4.0
E) 080-100	1.6	1.2	.1									2.9	4.4	4.0
110-130	2.9	1.6	.1									4.6	4.2	4.0
140-160	2.8	1.4	.1									4.2	3.9	4.0
S) 170-190	4.6	1.5	.1									6.2	3.8	3.0
200-220	3.5	1.7	.2									5.5	4.4	4.0
230-250	3.2	3.4	1.3	.2		.0						8.1	6.0	6.0
W) 260-280	4.2	6.7	3.2	.6								14.6	7.1	6.0
290-310	4.5	6.2	2.0	.2								12.9	6.2	6.0
320-340	2.9	4.1	.8	.1								8.0	5.8	5.0
VARIABLE	.0	1.4	.6									1.9	8.8	8.0
CALM	////////////////////////////////////											12.9	////////////////////////////////	
TOTALS	39.7	37.3	9.0	1.1								100.0	4.8	5.0

TOTAL NUMBER OF OBSERVATIONS 4443

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.8	8.9										12.8	6.0	6.0
020-040	4.5	3.5	.3									8.3	4.7	4.0
050-070	3.8	3.5	1.0									8.3	5.4	5.0
(E) 080-100	1.0											1.0	2.0	2.0
110-130														
140-160	.3	1.0										1.3	6.0	6.0
(S) 170-190	1.9	.6										2.6	3.4	3.5
200-220	2.2	.3	1.3									3.8	5.8	4.0
230-250	3.5	5.1	1.6									10.2	6.0	6.0
(W) 260-280	3.8	8.9	3.5	.6								16.9	7.6	8.0
290-310	4.8	8.3	.6									13.7	5.5	5.0
320-340	3.5	5.8	.3									9.6	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											11.5	////////////////////////////////	
TOTALS	33.1	45.9	8.6	.6								100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 313

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.5												.5	4.0	4.0
020-040	1.0												1.0	2.5	2.5
050-070															
(E) 080-100															
110-130	1.5	.5											2.0	2.5	2.0
140-160	6.1	.5											6.6	2.6	2.0
(S) 170-190	7.7												7.7	2.1	2.0
200-220	3.1	4.1											7.1	4.9	5.0
230-250	2.6	4.1	2.0										8.7	6.5	6.0
(W) 260-280	3.6	12.8	.5										16.8	5.9	6.0
290-310	6.1	4.6	.5										11.2	4.3	4.0
320-340	2.6												2.6	3.2	4.0
VARIABLE															
CALM	////////////////////////////////////											35.7	////////////////////////////////		
TOTALS	34.8	26.6	3.0										100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 196

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.7	.9										1.7	4.3	5.0
020-040	2.4	1.5										3.9	3.9	4.0
050-070	3.1	.7										3.9	3.6	4.0
(E) 080-100	.4											.4	2.5	2.5
110-130	1.1											1.1	2.3	2.0
140-160	3.3	.2										3.5	2.7	2.0
(S) 170-190	7.4	.9										8.3	2.6	2.0
200-220	7.6	3.9	.2									11.6	3.9	4.0
230-250	6.3	2.8	.4									9.4	4.3	4.0
(W) 260-280	8.1	6.8	.9									15.8	4.8	4.0
290-310	3.5	4.1	.2	.2								7.9	5.3	5.0
320-340	.9	.9	.4									2.2	5.3	5.5
VARIABLE														
CALM	////////////////////											30.4	////////////////	
TOTALS	44.8	22.7	2.1	.2								100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 543

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: AUG HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.7										1.9	3.9	3.5
020-040	3.7	1.9										5.7	3.9	4.0
050-070	5.1	1.5										6.6	3.5	4.0
(E) 080-100	1.5	.3										1.8	2.8	2.0
110-130	.8	.7										1.5	4.5	4.0
140-160	2.8	.8										3.6	3.4	3.0
(S) 170-190	7.2	1.7										8.9	3.1	3.0
200-220	7.3	2.9	.1									10.4	3.9	4.0
230-250	5.8	4.3	1.0									11.1	5.1	4.0
(W) 260-280	4.6	6.9	1.7									13.1	6.0	6.0
290-310	2.5	6.6	1.5									10.7	6.5	6.0
320-340	1.4	.8	.1									2.4	4.4	4.0
VARIABLE														
CALM	////////////////////////////////////											22.4	////////////////////////////////	
TOTALS	43.9	29.1	4.4									100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.3										2.5	5.1	5.0
020-040	2.2	1.5										3.7	4.5	4.0
050-070	3.9	2.5	.7									7.1	4.9	4.0
(E) 080-100	1.7	1.4										3.1	4.4	4.0
110-130	2.4	2.5	.1									5.0	4.8	5.0
140-160	4.9	1.8	.1									6.8	3.8	4.0
(S) 170-190	4.9	2.6										7.5	4.1	4.0
200-220	3.8	2.6	.1									6.5	4.4	4.0
230-250	4.3	6.9	2.1	.1								13.5	6.5	6.0
(W) 260-280	3.1	7.5	4.9	1.1								16.5	8.1	8.0
290-310	2.1	6.5	3.6	.4								12.6	7.7	7.0
320-340	2.6	1.7	.8									5.1	5.5	4.0
VARIABLE	.1	1.3	.6	.1								2.1	9.3	9.0
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	37.3	40.1	13.0	1.7								100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 720

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: AUG HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	1.4										3.9	3.6	4.0
020-040	3.2	1.5	.1									4.9	3.8	4.0
050-070	2.4	3.5	.3									6.1	5.5	6.0
(E) 080-100	2.2	2.1	.7									5.0	5.4	5.5
110-130	1.4	1.9	.4									3.8	5.7	6.0
140-160	2.6	1.7	.1									4.5	4.2	4.0
(S) 170-190	2.6	2.4	.3									5.3	5.1	4.5
200-220	2.5	3.2	.3									6.0	5.0	5.0
230-250	3.3	3.9	2.1	.3								9.6	6.7	5.0
(W) 260-280	2.9	9.2	8.1	1.5								21.7	8.5	8.0
290-310	2.5	6.0	5.3	.1								13.9	8.3	8.0
320-340	2.9	2.9	.8	.1								6.8	6.0	5.0
VARIABLE	.1	2.8	1.5	.1	.1							4.7	9.1	8.0
CALM	////////////////////////////////////											3.9	////////////////////////////////	
TOTALS	31.1	42.5	20.0	2.1	.1							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 719

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.7	2.1										4.8	4.6	4.0
020-040	3.0	2.3	.3									5.5	4.7	4.0
050-070	3.2	2.7	.8									6.8	5.2	5.0
(E) 080-100	1.4	2.1	.3									3.8	5.3	5.0
110-130	2.0	1.7	.6									4.2	5.1	5.0
140-160	2.3	1.1	.1									3.5	4.0	4.0
(S) 170-190	2.8	2.0										4.8	4.5	4.0
200-220	4.2	2.5	.1									6.9	4.1	4.0
230-250	1.7	5.2	1.0	.1								8.0	6.7	7.0
(W) 260-280	2.7	10.4	6.2	.6	.1							20.0	8.3	8.0
290-310	2.4	7.6	5.5	.1								15.6	8.0	8.0
320-340	3.1	4.4	1.3	.1								8.9	6.3	6.0
VARIABLE		1.7	.6									2.3	8.8	9.0
CALM	////////////////////////////////////											4.9	////////////////////////////////	
TOTALS	31.5	45.8	16.8	.9	.1							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 710

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.4	1.3										4.7	3.7	4.0
020-040	4.3	1.2	.1									5.6	3.9	3.0
050-070	4.7	1.9	.1									6.8	4.2	4.0
(E) 080-100	4.3	1.5										5.7	3.8	4.0
110-130	1.9	.9										2.8	3.4	3.0
140-160	3.1	.7	.1									4.0	3.4	3.0
(S) 170-190	2.9	.4	.1									3.5	3.0	2.0
200-220	3.5	.7	.3									4.6	4.0	3.0
230-250	4.3	3.1	1.0									8.4	5.3	4.0
(W) 260-280	6.0	7.6	2.6	.4								16.8	6.3	6.0
290-310	7.2	5.6	1.3									14.1	5.3	4.0
320-340	4.1	2.8	.3									7.2	4.5	4.0
VARIABLE														
CALM	////////////////////											15.9	////	////
TOTALS	49.7	27.7	5.9	.4								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.5	.5										3.0	3.2	3.0
020-040	2.5	1.6	.2									4.3	4.4	4.0
050-070	4.9	.9										5.8	3.6	4.0
(E) 080-100	.6	.3										.9	4.0	4.0
110-130	4.1	.3										4.4	2.7	2.0
140-160	4.9											4.9	2.1	2.0
(S) 170-190	3.8	.5										4.3	2.7	2.0
200-220	4.7	.5			.2							5.4	3.6	3.0
230-250	4.7	3.2	.8	.2								8.8	5.1	4.0
(W) 260-280	8.4	7.4	.8									16.6	4.8	4.0
290-310	4.9	2.4	.9									8.2	4.9	4.0
320-340	2.4	1.7	.2									4.3	4.6	4.0
VARIABLE														
CALM	////////////////////											29.2	////	////
TOTALS	48.4	19.3	2.9	.2	.2							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: AUG HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	2.0	1.1										3.1	4.0	4.0
020-040	3.0	1.6	.1									4.7	4.1	4.0
050-070	3.8	1.9	.3									6.0	4.4	4.0
(E) 080-100	1.7	1.1	.1									2.9	4.5	4.0
110-130	1.9	1.2	.2									3.3	4.3	4.0
140-160	3.5	.9	.1									4.5	3.4	3.0
(S) 170-190	4.6	1.5	.1									6.1	3.5	3.0
200-220	4.6	2.4	.2		.0							7.2	4.1	4.0
230-250	4.2	4.3	1.3	.1								9.8	5.8	5.0
(W) 260-280	4.9	8.2	3.6	.5	.0							17.3	6.9	7.0
290-310	3.6	5.6	2.7	.1								12.0	6.8	7.0
320-340	2.5	2.1	.5	.0								5.3	5.4	5.0
VARIABLE	.0	.8	.4	.0	.0							1.3	9.1	9.0
CALM	////////////////////////////////////											16.4	////////////////////////////////	
TOTALS	40.3	32.7	9.6	.7								100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 4925

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.8	1.9										2.7	5.0	5.5
020-040	5.7	3.8	.3									9.8	4.3	4.0
050-070	6.3	2.2										8.4	3.7	4.0
(E) 080-100	1.4											1.4	2.2	2.0
110-130	.5	.5										1.1	3.8	4.0
140-160	2.7	.3										3.0	2.5	2.0
(S) 170-190	2.7	.3										3.0	2.3	2.0
200-220	4.1	.8										4.9	3.4	4.0
230-250	3.8	.8										4.6	3.5	3.0
(W) 260-280	4.9	7.1	2.2	.3								14.4	5.8	5.0
290-310	5.2	9.2	3.5	.3								18.2	6.7	6.0
320-340	3.0	1.9	1.1									6.0	5.5	4.5
VARIABLE														
CALM	////////////////////////////////////											22.6	////////////////////////////////	
TOTALS	41.1	28.8	7.1	.6								100.0	3.8	4.0

TOTAL NUMBER OF OBSERVATIONS 368

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.4	1.4										3.8	3.6	4.0
020-040	6.7	2.9										9.5	3.9	4.0
050-070	4.8	1.0										5.7	3.4	3.0
(E) 080-100	.5	1.0										1.4	5.3	7.0
110-130	.5											.5	3.0	3.0
140-160	.5											.5	2.0	2.0
(S) 170-190	4.3											4.3	2.8	2.0
200-220	4.3	1.0	.5									5.7	4.0	3.0
230-250	6.7	1.0	1.4									9.0	4.5	4.0
(W) 260-280	9.0	4.8	1.0									14.8	4.8	4.0
290-310	1.9	3.3	.5									5.7	5.5	6.5
320-340	2.4	1.9										4.3	3.7	4.0
VARIABLE														
CALM	////////////////////											34.8	////	////
TOTALS	44.0	18.3	3.4									100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 210

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.8	1.4										4.2	4.3	4.0
020-040	3.7	2.1										5.8	4.2	4.0
050-070	4.2	1.4										5.6	3.5	3.0
(E) 080-100	.7											.7	2.3	3.0
110-130	.7											.7	4.0	4.0
140-160	1.9	.2										2.1	2.6	2.0
(S) 170-190	5.3	1.4										6.7	3.3	3.0
200-220	4.4	1.9	.2									6.5	3.9	3.0
230-250	4.9	6.5	.7									12.1	5.4	5.0
(W) 260-280	6.5	5.8	1.4									13.7	5.3	5.0
290-310	3.7	2.8	.2									6.7	4.2	4.0
320-340	1.9	1.2										3.0	4.4	4.0
VARIABLE														
CALM	////////////////////											32.1	////	////
TOTALS	40.7	24.7	2.5									100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 430

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.1	.8										2.9	3.9	4.0
020-040	3.7	1.2										4.9	4.0	4.0
050-070	5.0	.3										5.3	2.9	3.0
(E) 080-100	2.0	.5										2.4	3.3	2.5
110-130	1.7	.5										2.1	3.1	3.0
140-160	2.9	.5										3.3	3.0	2.5
(S) 170-190	7.9	1.7										9.6	3.3	3.0
200-220	6.4	5.0	.2									11.6	4.1	4.0
230-250	3.5	4.9	2.0									10.4	6.4	7.0
(W) 260-280	7.3	5.6	2.3	.2								15.4	5.8	5.0
290-310	4.4	3.2	.6									8.2	5.1	4.0
320-340	1.7	1.1										2.7	4.3	4.0
VARIABLE														
CALM	////////////////////											21.2	////	////
TOTALS	48.6	25.3	5.1	.2								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.4	1.8										4.2	4.2	4.0
020-040	3.9	2.3	.2									6.4	4.5	4.0
050-070	3.3	2.4										5.8	4.5	4.0
(E) 080-100	1.8	1.1	.5									3.3	4.8	4.0
110-130	1.8	1.7	.2									3.6	5.1	4.5
140-160	3.5	1.5	.2									5.2	4.2	4.0
(S) 170-190	7.1	3.9	.2									11.2	4.1	4.0
200-220	4.4	5.6	.6	.2								10.8	5.3	5.0
230-250	3.9	5.9	2.4	.2	.2	.2						12.7	6.8	6.5
(W) 260-280	2.9	6.2	6.7	.9								16.7	8.6	9.0
290-310	2.4	4.4	2.4									9.2	7.0	7.0
320-340	1.8	1.8	.3									3.9	5.3	5.0
VARIABLE		.5	.2									.6	9.0	8.5
CALM	////////////////////////////////////											6.2	////////////////////////////////	
TOTALS	39.2	39.1	13.9	1.3	.2	.2						100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	2.6	.5									6.1	4.7	4.5
020-040	2.7	3.0										5.8	4.4	5.0
050-070	3.2	2.9	.2									6.2	4.7	4.0
(E) 080-100	1.4	2.6	.6									4.5	6.8	6.5
110-130	1.8	1.4										3.2	4.3	4.0
140-160	2.6	1.5	.2									4.2	4.5	4.0
(S) 170-190	2.3	2.6	.3									5.2	5.1	5.0
200-220	3.2	4.2	.6	.2								8.2	5.4	5.5
230-250	2.9	4.8	4.4	.8								12.9	8.2	8.0
(W) 260-280	3.5	6.2	8.5	.9	.3							19.4	8.9	9.5
290-310	3.2	6.7	2.0	.3								12.1	6.7	6.0
320-340	1.7	3.6	.8	.2								6.2	6.0	6.0
VARIABLE		.5	.6									1.1	10.1	12.0
CALM	////////////////////////////////////											5.0	////////////////////////////////	
TOTALS	31.5	42.6	18.7	2.4	.3							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	4.0	2.9	.2									7.0	4.2	4.0
020-040	5.9	2.0	.2	.2								8.2	4.0	3.0
050-070	3.5	2.7	.2									6.4	4.5	4.0
(E) 080-100	2.7	2.9	.3									5.9	5.4	5.0
110-130	1.7	1.1										2.7	4.4	4.0
140-160	2.1	1.5										3.7	4.4	4.0
(S) 170-190	2.6	2.4	.8									5.8	5.3	5.0
200-220	2.6	2.0	.3	.2								5.0	4.9	4.0
230-250	2.4	5.8	2.6									10.8	7.4	7.0
(W) 260-280	2.6	7.5	6.8	1.2	.3							18.4	8.8	9.0
290-310	3.3	7.0	1.8	.5								12.6	6.6	6.0
320-340	3.5	3.2	.5									7.2	5.0	5.0
VARIABLE		.3	.3									.6	9.5	9.5
CALM	////////////////////////////////////											5.6	////////////////////////////////	
TOTALS	36.9	41.3	14.0	2.1	.3							100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	5.6	.2										5.8	3.0	3.0
020-040	6.2	1.7										8.0	3.5	3.0
050-070	5.6	.9										6.6	3.2	3.0
(E) 080-100	3.1	1.1										4.2	3.4	3.0
110-130	2.3	.2										2.5	2.5	2.0
140-160	2.2	.5										2.7	3.4	3.0
(S) 170-190	2.0	1.7										3.7	3.8	4.0
200-220	1.9	1.7	.5									4.1	5.3	5.0
230-250	4.4	6.9	.6									11.9	5.8	6.0
(W) 260-280	6.2	8.0	2.7	.3								17.2	6.1	6.0
290-310	4.8	2.7	.9									8.4	4.8	4.0
320-340	3.3	1.2										4.5	3.7	3.0
VARIABLE														
CALM	////////////////////											20.6	////	////
TOTALS	47.6	26.8	4.7	.3								100.0	3.6	4.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	3.5	.5										4.0	3.1	3.0
020-040	3.3	2.0										5.3	4.0	4.0
050-070	2.9	1.5										4.4	4.0	4.0
(E) 080-100	.9	.7										1.6	3.7	3.0
110-130	1.8	.4										2.2	3.3	3.5
140-160	3.6	.4										4.0	2.9	2.0
(S) 170-190	2.2	.9										3.1	3.5	3.0
200-220	3.6	1.8	.2									5.6	4.2	4.0
230-250	5.6	5.6	.4									11.7	5.2	5.0
(W) 260-280	8.0	5.8	2.2	.2								16.2	5.4	5.0
290-310	3.8	2.4	.2									6.4	4.2	3.0
320-340	2.2	1.5										3.6	4.2	3.5
VARIABLE														
CALM	////////////////////////////////////											31.9	////////////////////////////////	
TOTALS	41.4	23.5	3.0	.2								100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 549

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.3	1.5	.1									4.9	3.9	4.0
020-040	4.4	2.1	.0	.0								6.5	4.1	4.0
050-070	4.0	1.7	.0									5.8	3.9	4.0
(E) 080-100	1.8	1.3	.2									3.3	4.9	4.0
110-130	1.7	.7	.0									2.4	4.0	4.0
140-160	2.6	.9	.0									3.5	3.7	3.0
(S) 170-190	4.2	2.1	.2									6.5	4.0	4.0
200-220	3.8	3.2	.4	.1								7.4	4.7	4.0
230-250	4.0	5.5	1.9	.1	.0	.0						11.6	6.5	6.0
(W) 260-280	5.3	6.4	4.4	.5	.1							16.8	7.2	7.0
290-310	3.6	4.2	1.2	.1								9.1	5.8	5.0
320-340	2.3	2.0	.2	.0								4.5	4.8	4.0
VARIABLE		.2	.2									.3	9.7	9.0
CALM	////////////////////////////////////											17.2	////////////////////////////////	
TOTALS	41.0	31.8	8.8	.8	.1							100.0	4.4	5.0

TOTAL NUMBER OF OBSERVATIONS 4464

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN %	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	3.0	1.6	.2									4.7	4.2	4.0
020-040	4.4	4.1										8.4	4.8	4.0
050-070	4.7	1.3										5.9	3.4	3.0
(E) 080-100	1.9	.6										2.5	3.4	2.5
110-130	1.6	.3										1.9	3.5	3.5
140-160	3.8	.6										4.4	3.4	3.0
(S) 170-190	5.0	1.4	.2									6.6	3.8	4.0
200-220	3.4	1.1	.2									4.7	3.7	3.0
230-250	3.6	4.4	1.1	.2								9.2	5.7	5.0
(W) 260-280	6.1	7.7	3.1									16.9	6.1	6.0
290-310	4.7	6.1	.8									11.6	5.5	5.5
320-340	3.1	2.0	.2	.2								5.5	5.1	4.0
VARIABLE														
CALM	////////////////////											17.8	////	////
TOTALS	45.3	31.2	5.8	.4								100.0	4.0	4.0

TOTAL NUMBER OF OBSERVATIONS 640

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.5											1.5	2.7	3.0
020-040	1.5	1.0	.5									3.0	6.0	5.5
050-070	3.5	3.0										6.5	4.2	4.0
(E) 080-100	2.0	3.0	.5									5.5	5.6	5.0
110-130	2.0	1.0										3.0	4.2	4.0
140-160	4.5	3.0	.5									8.0	5.1	4.0
(S) 170-190	8.0	4.5	.5									13.1	4.5	4.0
200-220	6.0	3.5	1.5									11.1	4.6	4.0
230-250	2.0	2.0	1.5	.5								6.0	7.3	8.0
(W) 260-280	4.5	3.5	1.5	1.5	1.0							12.1	8.2	6.0
290-310	1.0	2.5	1.0									4.5	6.4	6.0
320-340	1.0											1.0	2.5	2.5
VARIABLE														
CALM	////////////////////											24.6	////	////
TOTALS	37.5	27.0	7.5	2.0	1.0							100.0	4.2	4.5

TOTAL NUMBER OF OBSERVATIONS 199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.6											1.6	3.0	3.0
020-040	2.5	.8										3.3	4.0	4.0
050-070	4.4	.8										5.2	3.5	4.0
(E) 080-100	3.0	3.8	.3									7.1	5.1	5.0
110-130	3.3	.5										3.8	3.1	3.0
140-160	3.8	1.9	.5									6.3	4.4	4.0
(S) 170-190	5.5	4.4	.3									10.1	4.9	4.0
200-220	5.5	2.5	1.4	.3	.3							9.8	5.5	4.0
230-250	4.9	4.4	1.9	.5								11.7	6.3	5.0
(W) 260-280	4.4	5.2	2.5	1.1								13.1	7.2	6.0
290-310	2.2	1.6										3.8	5.0	4.0
320-340	.8											.8	3.0	3.0
VARIABLE														
CALM	////////////////////											23.2	////	////
TOTALS	41.9	25.9	6.9	1.9	.3							100.0	4.0	4.0
TOTAL NUMBER OF OBSERVATIONS 366														

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550 STATION NAME: ANSBACH ARP/KATTERBACH DL PERIOD OF RECORD: JAN 82 - DEC 91
LST TO UTC: - 1 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	.4	.4										.9	4.5	4.5
020-040	1.9	.3										2.2	3.1	3.0
050-070	3.7	2.2										6.0	4.2	4.0
(E) 080-100	3.1	3.6										6.7	4.7	5.0
110-130	3.6	4.3	.3									8.2	4.7	5.0
140-160	4.2	2.7										6.9	4.2	4.0
(S) 170-190	6.3	5.4	.3									11.9	4.6	4.0
200-220	5.4	4.2	.9	.1	.3	.1						11.0	5.6	5.0
230-250	3.4	4.6	2.7	1.0								11.8	7.4	6.0
(W) 260-280	2.4	3.4	2.1	.7	.6							9.3	8.3	8.0
290-310	1.9	1.6	.3									3.9	5.2	4.5
320-340	1.0	.3	.1									1.5	4.4	4.0
VARIABLE			.3									.3	11.5	11.5
CALM	////////////////////////////////////											19.4	////////////////////////////////	
TOTALS	37.3	33.0	7.0	1.8	.9	.1						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	.9	.6	.1									1.6	4.8	4.0
020-040	1.3	.9	.1									2.4	5.3	4.0
050-070	1.9	1.3										3.3	4.5	4.0
(E) 080-100	1.3	2.1	1.5									4.9	7.1	8.0
110-130	4.3	6.9	2.5	.1								13.9	6.4	6.0
140-160	5.7	3.3	.1									9.1	4.3	4.0
(S) 170-190	6.9	6.3	.7									13.9	5.1	5.0
200-220	4.8	5.4	.4	.6	.1							11.3	5.8	5.0
230-250	3.9	4.2	3.6	2.4	.1							14.2	8.8	9.0
(W) 260-280	1.5	3.9	4.3	1.3								11.0	9.5	10.0
290-310	1.0	1.9	.9									3.9	7.0	6.5
320-340	.9	.9	.1									1.9	4.9	5.0
VARIABLE		.3		.1								.4	11.0	9.0
CALM	////////////////////////////////////											8.2	////////////////////////////////	
TOTALS	34.4	38.0	14.3	4.5	.2							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.5	.9		.1								2.5	4.5	3.0
020-040	1.9	.9										2.8	4.4	4.0
050-070	2.8	1.9	.1									4.9	4.7	4.0
(E) 080-100	1.3	4.2	2.4									7.9	7.8	8.0
110-130	1.2	6.7	2.4	.1								10.5	7.4	7.0
140-160	4.3	4.0	.3									8.7	4.9	4.5
(S) 170-190	4.6	4.6	1.5	.1								10.9	5.6	5.0
200-220	3.4	4.3	1.5	.9								10.2	6.9	6.0
230-250	1.8	4.3	3.9	.9	.4							11.4	9.2	9.0
(W) 260-280	1.5	5.4	5.4	2.4	.9	.1						15.7	10.6	10.0
290-310	1.3	3.7	.7									5.8	6.8	7.0
320-340	.4	1.9	.1									2.5	6.5	6.0
VARIABLE		.3	.3									.6	10.0	10.0
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	26.0	43.1	18.6	4.5	1.3	.1						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.8	1.5										3.3	4.1	4.0
020-040	3.2	.9										4.1	3.5	3.0
050-070	2.9	3.0										5.9	4.8	5.0
(E) 080-100	3.9	4.7	1.2									9.9	5.8	6.0
110-130	3.5	6.2	.5									10.2	5.7	6.0
140-160	4.2	1.8	.3									6.4	4.3	4.0
(S) 170-190	3.8	5.0	.2									9.0	4.9	5.0
200-220	3.5	2.4	1.2	.8								7.9	6.7	5.5
230-250	1.5	4.7	2.0	.8	.2							9.1	8.5	8.0
(W) 260-280	2.6	4.9	4.7	2.4	.2							14.7	9.6	9.0
290-310	1.4	5.5	1.8	.2								8.8	7.2	7.0
320-340	1.5	1.5	.5									3.5	5.3	5.0
VARIABLE														
CALM	////////////////////////////////////											7.3	////////////////////////////////	
TOTALS	33.8	42.1	12.4	4.2	.4							100.0	6.0	6.0
TOTAL NUMBER OF OBSERVATIONS 659														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.7	.8	.2									2.6	4.5	4.0
020-040	3.2	.3										3.6	2.9	3.0
050-070	2.8	2.0	.6									5.4	4.7	4.0
(E) 080-100	3.9	4.5	.3									8.7	5.1	5.0
110-130	5.9	1.7										7.6	3.6	3.0
140-160	5.7	1.7	.2									7.6	3.8	4.0
(S) 170-190	5.7	2.9										8.7	3.9	4.0
200-220	3.4	2.3	1.2	.2								7.1	5.8	5.0
230-250	2.9	4.2	3.4	.6	.3							11.4	8.0	8.0
(W) 260-280	3.4	4.5	2.6	.2								10.7	6.8	6.0
290-310	3.2	1.5	.9	.2								5.9	5.5	4.0
320-340	2.5	.5										2.9	3.3	4.0
VARIABLE														
CALM	////////////////////////////////////											17.9	////////////////////////////////	
TOTALS	44.3	26.9	9.4	1.2	.3							100.0	4.3	4.0
TOTAL NUMBER OF OBSERVATIONS 647														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: OCT HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.8	.8	.2									2.8	4.6	3.0
020-040	1.6	.6	.2									2.4	4.8	4.0
050-070	3.0	1.4										4.4	4.2	4.0
(E) 080-100	3.2	4.6										7.8	5.3	5.0
110-130	2.0	1.8										3.8	4.3	4.0
140-160	4.2	1.2										5.4	3.8	4.0
(S) 170-190	6.8	4.8	.4									12.0	4.5	4.0
200-220	5.0	3.0	.4									8.4	4.8	4.0
230-250	2.4	3.8	2.2	.6								9.0	7.5	7.0
(W) 260-280	4.6	5.2	2.2	.8								12.9	6.8	6.5
290-310	3.0	2.0	.8		.2	.2						6.2	6.3	5.0
320-340	.6	.2	.2									1.0	4.8	3.0
VARIABLE														
CALM	////////////////////											23.7	////	////
TOTALS	38.2	29.4	6.6	1.4	.2	.2						100.0	4.2	4.0
TOTAL NUMBER OF OBSERVATIONS 498														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: OCT HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.4	.7	.1	.0								2.2	4.3	4.0
020-040	2.2	.7	.1									3.0	4.0	4.0
050-070	3.0	2.0	.1									5.1	4.4	4.0
(E) 080-100	2.8	3.9	.9									7.5	5.9	6.0
110-130	3.4	4.2	.9	.0								8.5	5.6	5.0
140-160	4.7	2.5	.2									7.4	4.3	4.0
(S) 170-190	5.7	4.8	.5	.0								11.1	4.8	4.0
200-220	4.4	3.5	1.0	.4	.1	.0						9.5	5.9	5.0
230-250	2.8	4.2	2.8	1.0	.2							11.1	8.1	8.0
(W) 260-280	2.8	4.5	3.4	1.3	.3	.0						12.4	8.7	8.0
290-310	1.9	2.7	.8	.0	.0	.0						5.5	6.4	6.0
320-340	1.1	.8	.2									2.1	4.8	4.0
VARIABLE		.1	.1	.0								.2	10.7	10.0
CALM	////////////////////////////////////											14.5	////////////////////////////////	
TOTALS	36.2	34.6	11.1	2.7	.6							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 4377

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: OCT HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS										TOTAL %	MEAN WIND	MEDIAN WIND	
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64				GE 65
(N) 350-010	1.5	.7	.1									2.3	4.3	3.0
020-040	4.3	.6	.1									5.0	3.6	3.0
050-070	3.5	1.8	.3									5.6	4.6	4.0
(E) 080-100	2.3	3.3	.4									5.9	5.0	5.0
110-130	4.5	4.5	.1									9.0	4.7	5.0
140-160	5.3	2.9	.1									8.2	4.1	4.0
(S) 170-190	6.3	3.3	.6									10.2	4.4	4.0
200-220	4.1	2.3	.3	.1	.2	.1						7.0	5.1	4.0
230-250	2.8	2.8	1.5	1.2	.1							8.3	7.8	6.5
(W) 260-280	2.1	6.4	2.9	.6	.2							12.2	8.1	8.0
290-310	2.7	2.4	.9									5.9	5.8	6.0
320-340	1.0	.7	.2									1.9	5.1	4.0
.....														
VARIABLE														
CALM	////////////////////////////////////										18.4	////////////////////////////////		
TOTALS	40.4	31.7	7.5	1.9	.5	.1						100.0	4.5	5.0

TOTAL NUMBER OF OBSERVATIONS 1009

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0											1.0	3.0	3.0
020-040		1.0	.5									1.5	7.7	8.0
050-070	3.6	1.0										4.6	4.0	4.0
(E) 080-100	1.5	1.0										2.6	4.0	3.0
110-130	2.6											2.6	3.2	3.0
140-160	4.1	1.5										5.6	2.8	2.0
(S) 170-190	15.4	4.1	1.0									20.5	4.3	4.0
200-220	7.2	6.2										13.3	4.6	4.0
230-250	4.6	4.6	2.1	1.0								12.3	7.1	6.0
(W) 260-280	4.1	5.6	7.7	1.0		.5						19.0	8.9	9.0
290-310	.5	1.0										1.5	6.7	8.0
320-340	.5	1.0										1.5	6.3	8.0
VARIABLE														
CALM	////////////////////											13.8	////	////
TOTALS	45.1	27.0	11.3	2.0		.5						100.0	4.9	4.0

TOTAL NUMBER OF OBSERVATIONS 195

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.9	.9	.3									2.0	5.7	5.0
020-040	1.7	2.9	.9									5.4	6.3	6.0
050-070	1.7	1.1	.3									3.1	4.8	4.0
(E) 080-100	2.0	1.4	.3									3.7	4.8	4.0
110-130	2.0	2.3	.6									4.9	5.9	6.0
140-160	4.3	2.0	.3									6.6	4.2	4.0
(S) 170-190	11.4	4.3										15.7	3.9	4.0
200-220	6.9	5.4	.3	.3								12.9	5.0	4.0
230-250	2.0	5.4	2.6		.3							10.3	7.8	7.0
(W) 260-280	3.7	5.1	3.1	1.1								13.1	7.9	7.5
290-310	1.7	2.3	1.4	.9	.3							6.6	9.2	9.0
320-340	.9	.9	.6									2.3	6.6	5.5
VARIABLE														
CALM	////////////////////										13.4	////	////	
TOTALS	39.2	34.0	10.7	2.3	.6							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 350

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	1.5	.2		.2								1.9	4.3	3.0
020-040	2.0	3.4	.8	.3								6.6	6.8	6.0
050-070	3.4	1.0	.8									5.2	4.8	4.0
(E) 080-100	1.3	1.9										3.2	5.3	5.0
110-130	3.0	4.2										7.2	4.9	5.0
140-160	3.9	3.2										7.1	4.4	4.0
(S) 170-190	8.8	5.6	.7									15.0	4.7	4.0
200-220	6.7	3.2	.7	.3								10.9	4.8	4.0
230-250	3.4	4.2	1.2	.7								9.4	6.6	5.5
(W) 260-280	1.9	3.9	3.2	.7								9.6	8.3	8.0
290-310	1.5	2.7	1.5	.7	.2							6.6	8.4	8.0
320-340	.8	1.7	.5	.2								3.2	6.8	6.0
VARIABLE			.2	.2								.3	14.5	14.5
CALM	////////////////////////////////////											13.8	////////////////////////////////	
TOTALS	38.2	35.2	9.6	3.3	.2							100.0	5.1	5.0

TOTAL NUMBER OF OBSERVATIONS 594

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.5	.8	.3	.5								2.2	8.6	8.0
020-040	1.8	3.2	.3									5.4	5.8	6.0
050-070	.5	2.2	1.2									3.9	7.7	8.0
(E) 080-100	.7	2.0	.7									3.4	6.6	6.0
110-130	2.8	3.7	.5	.2								7.2	5.5	6.0
140-160	5.2	2.8	.2									8.2	4.3	4.0
(S) 170-190	9.7	7.4	.5									17.6	4.6	4.0
200-220	7.2	4.2	.7	.2								12.2	4.8	4.0
230-250	3.9	3.9	2.2	.5								10.4	6.6	5.5
(W) 260-280	2.3	3.7	3.0	1.7								10.7	9.1	8.0
290-310	1.7	2.0	2.7	.3								6.7	8.1	8.0
320-340	.7	1.7	.7									3.0	7.1	7.5
VARIABLE		.2	.2	.3	.2							.8	15.0	16.0
CALM	////////////////////////////////////											8.4	////////////////////////////////	
TOTALS	37.0	37.8	13.2	3.7	.2							100.0	5.7	5.0

TOTAL NUMBER OF OBSERVATIONS 597

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.7	1.6	.7	.5								3.4	9.0	8.0
020-040	1.3	2.6	.2									4.1	6.2	7.0
050-070	2.0	2.0	.7	.7								5.2	7.2	6.0
(E) 080-100	.7	1.3	1.5									3.4	8.1	8.0
110-130	2.6	3.9	1.3									7.8	6.3	6.0
140-160	4.2	3.8	.2									8.2	4.5	4.0
(S) 170-190	9.1	7.2	.7									17.0	4.7	4.0
200-220	4.7	4.7	1.0									10.4	5.5	5.0
230-250	1.1	6.0	3.6	1.0								11.7	8.9	8.0
(W) 260-280	1.5	2.9	4.7	2.3	.7							12.1	11.0	11.0
290-310	2.4	2.1	2.0	.5								7.0	7.6	7.0
320-340	1.1	2.1	.3									3.6	6.0	6.5
VARIABLE		.2	.7									.8	10.4	10.0
CALM	////////////////////////////////////											5.2	////////////////////////////////	
TOTALS	31.4	40.4	17.6	5.0	.7							100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	1.6	.8	1.1									3.6	6.7	5.5
020-040	2.1	3.6	.5									6.2	5.8	6.0
050-070	3.1	2.3	.8	.5								6.7	6.7	6.0
(E) 080-100	2.6	2.9	.7									6.2	5.9	5.0
110-130	3.8	2.5	.3									6.5	4.3	4.0
140-160	5.1	2.6										7.7	3.8	4.0
(S) 170-190	5.9	5.2	.5									11.6	4.8	4.0
200-220	4.6	5.1	1.1									10.8	5.5	5.5
230-250	1.5	5.1	2.6	.7								9.8	8.0	7.0
(W) 260-280	1.6	4.1	5.4	1.0	.2							12.3	9.4	10.0
290-310	2.0	3.3	1.1									6.4	6.2	6.0
320-340	1.3	1.3	.7									3.3	5.8	5.5
VARIABLE		.3	.2									.5	8.0	7.0
CALM	////////////////////////////////////											8.3	////////////////////////////////	
TOTALS	35.2	39.1	15.0	2.2	.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.3	1.3	.2									2.7	5.4	5.0
020-040	1.5	2.7	.4									4.5	6.2	6.0
050-070	2.5	3.3	1.1	.4								7.3	6.3	5.0
(E) 080-100	3.3	3.8	.4									7.5	4.7	5.0
110-130	4.4	1.5										5.8	3.5	3.0
140-160	4.2	2.0										6.2	4.1	4.0
(S) 170-190	8.5	6.4	.5									15.5	4.5	4.0
200-220	4.2	4.5	.9									9.6	5.6	6.0
230-250	2.0	5.1	2.5	.4								10.0	7.8	7.0
(W) 260-280	2.2	4.2	3.5	.7								10.5	8.4	8.0
290-310	1.5	1.1	.2									2.7	5.1	4.0
320-340	1.6	2.0	.2									3.8	5.3	5.0
VARIABLE		.2										.2	9.0	9.0
CALM	////////////////////////////////////											13.6	////////////////////////////////	
TOTALS	37.2	38.1	9.9	1.5								100.0	5.0	5.0
TOTAL NUMBER OF OBSERVATIONS 550														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	1.0										1.9	4.9	4.5
020-040	1.0	2.2										3.1	5.8	6.0
050-070	2.6	2.6	1.0	.5								6.7	6.6	5.5
(E) 080-100	1.2	3.6	.5									5.3	5.5	6.0
110-130	2.9	1.7										4.5	4.1	4.0
140-160	3.3	2.2	.2									5.7	4.5	4.0
(S) 170-190	7.4	6.0	.5									13.9	4.6	4.0
200-220	6.0	4.5	.7									11.2	4.8	4.0
230-250	4.3	4.8	4.1	1.0								14.1	7.2	6.0
(W) 260-280	1.9	4.8	3.6	1.0								11.2	8.6	8.0
290-310	1.2	1.4	.5	.2								3.3	6.8	6.0
320-340	1.4	1.7										3.1	4.8	5.0
VARIABLE														
CALM	////////////////////											15.8	////	////
TOTALS	34.2	36.5	11.1	2.7								100.0	5.0	5.0

TOTAL NUMBER OF OBSERVATIONS 418

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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			
(W) 350-010	1.1	.9	.4	.2								2.5	6.7	5.0
020-040	1.6	2.9	.4	.1								4.9	6.2	6.0
050-070	2.3	2.0	.8	.3								5.5	6.3	5.0
(E) 080-100	1.7	2.3	.6									4.6	5.7	6.0
110-130	3.1	2.8	.4	.0								6.3	5.0	5.0
140-160	4.4	2.7	.1									7.1	4.2	4.0
(S) 170-190	8.9	6.0	.5									15.5	4.6	4.0
200-220	5.8	4.6	.8	.1								11.2	5.1	4.0
230-250	2.6	4.9	2.6	.6	.0							10.8	7.6	7.0
(W) 260-280	2.2	4.1	4.0	1.2	.1	.0						11.7	9.1	9.0
290-310	1.7	2.1	1.3	.3	.1							5.5	7.5	7.0
320-340	1.1	1.6	.4	.0								3.2	6.1	6.0
VARIABLE		.1	.2	.1	.0							.4	11.8	11.0
CALM	////////////////////////////////////											10.9	////////////////////////////////	
TOTALS	36.5	37.0	12.5	2.9	.2							100.0	5.5	5.0

TOTAL NUMBER OF OBSERVATIONS 3928

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.4	1.0	.3	.2								2.9	6.3	5.0
020-040	2.1	5.7	1.0	.1								8.8	6.8	7.0
050-070	2.9	1.9	1.0	.1								5.9	5.6	4.5
(E) 080-100	1.2	1.2	.2									2.6	4.8	5.0
110-130	3.5	3.4	.1									7.0	4.6	4.5
140-160	5.1	2.7	.3									8.1	4.1	4.0
(S) 170-190	8.1	4.4	.1									12.7	4.1	4.0
200-220	6.2	2.6	.4									9.3	4.4	4.0
230-250	2.6	4.3	2.6	.3								9.9	7.4	7.0
(W) 260-280	2.4	3.8	3.7	1.2	.1							11.1	8.8	8.0
290-310	1.4	2.4	1.1	.3								5.2	7.3	7.0
320-340	2.1	2.6	.6									5.3	6.0	6.0
VARIABLE														
CALM	////////////////////											11.2	////	////
TOTALS	39.0	36.0	11.4	2.2	.1							100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 1364

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	.9											.9	2.0	2.0
020-040	.9											.9	2.0	2.0
050-070	.9	.9										1.8	4.0	4.0
(E) 080-100	.9											.9	1.0	1.0
110-130	.9											.9	2.0	2.0
140-160	5.4	.9										6.2	3.0	2.0
(S) 170-190	10.7	6.3										17.0	4.0	4.0
200-220	8.0	2.7										10.7	3.8	3.5
230-250		1.8	5.4	1.8								8.9	11.4	12.0
(W) 260-280	4.5	7.1	11.6	5.4	1.8							30.4	10.8	10.0
290-310	.9	.9	1.8									3.6	8.3	8.5
320-340		.9										.9	6.0	6.0
VARIABLE		.9										.9	8.0	8.0
CALM	////////////////////////////////////											16.1	////////////////////////////////	
TOTALS	34.0	22.4	18.8	7.2	1.8							100.0	6.1	6.0

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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	2.0	.3										2.4	3.1	2.0
020-040	1.7	.3										2.0	2.5	2.0
050-070	1.7	2.4	.3									4.4	5.5	5.0
(E) 080-110	1.3											1.3	3.3	3.0
110-130	3.4	1.0										4.4	3.7	3.0
140-160	3.7	1.0										4.7	3.4	3.0
(S) 170-190	8.4	3.4	.7									12.5	4.1	3.0
200-220	3.7	5.7	1.0	.3								10.8	5.9	6.0
230-250	4.4	4.4	5.1	2.0								15.8	8.6	9.0
(W) 260-280	2.4	6.1	9.1	2.7	1.0							21.2	10.5	10.0
290-310	1.3	2.4	1.0	1.3								6.1	8.9	8.5
320-340	1.0	2.0	.7	.3								4.0	6.7	6.0
VARIABLE														
CALM	////////////////////											10.4	////	////
TOTALS	35.0	29.0	17.9	6.6	1.0							100.0	6.3	6.0

TOTAL NUMBER OF OBSERVATIONS 297

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0		.2									1.1	3.9	3.0
020-040	1.9	2.2										4.2	5.3	5.0
050-070	3.7	2.1	.2									5.9	4.6	4.0
(E) 080-100	2.7	.5	.2									3.4	3.8	3.0
110-130	2.6	1.0										3.5	3.5	3.0
140-160	3.4	3.0										6.4	4.1	4.0
(S) 170-190	4.8	5.8	.3	.2								11.1	5.1	5.0
200-220	2.1	6.7	2.1									10.9	6.4	6.0
230-250	3.4	5.8	4.8	1.8								15.7	8.5	8.0
(W) 260-280	2.1	4.5	7.5	1.8	.3	.5						16.7	10.5	10.0
290-310	1.3	2.6	1.4	.8	.2							6.3	8.6	8.0
320-340	1.4	.6	1.0									3.0	7.1	6.0
VARIABLE														
CALM	////////////////////////////////////											11.7	////////////////////////////////	
TOTALS	30.4	34.8	17.7	4.6	.5	.5						100.0	6.2	6.0
TOTAL NUMBER OF OBSERVATIONS 623														

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	.6	.3									1.6	5.6	5.0
020-040	1.1	1.4	.2									2.7	5.4	5.0
050-070	2.7	2.7	.3									5.7	5.1	5.0
(E) 080-100	1.6	1.6	.3									3.5	5.7	6.0
110-130	3.5	1.9										5.4	3.9	4.0
140-160	4.4	2.2										6.6	3.7	3.5
(S) 170-190	6.8	7.2	.6	.2								14.8	5.1	5.0
200-220	2.5	5.8	1.6									9.9	6.4	6.0
230-250	1.4	5.7	3.8	.8	.6							12.3	9.3	9.0
(W) 260-280	1.4	5.5	9.6	3.0	.5	.3						20.3	11.1	11.0
290-310	1.1	2.4	1.7	.6	.3							6.1	9.4	8.0
320-340	1.4	.8	.6	.2								3.0	6.4	5.0
VARIABLE		.3										.3	9.0	9.0
CALM	////////////////////////////////////											7.9	////////////////////////////////	
TOTALS	28.5	38.1	19.0	4.8	1.4	.3						100.0	6.8	6.0

TOTAL NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	.6	1.1	.2									1.9	6.1	6.5
020-040	1.3	1.3	.2									2.7	5.5	5.0
050-070	1.9	1.9	1.3									5.1	6.5	6.0
(E) 080-100	1.0	1.8	.6									3.4	6.8	8.0
110-130	4.0	3.4	.2									7.5	4.7	4.0
140-160	4.2	3.4										7.5	4.5	4.0
(S) 170-190	6.5	5.8	.3									12.6	4.7	4.0
200-220	3.2	5.8	1.9									10.9	6.3	6.0
230-250	1.9	3.7	3.4	1.6	.5							11.0	9.5	9.0
(W) 260-280	2.2	6.2	9.4	4.3	1.3							23.5	11.3	12.0
290-310	.8	2.4	3.4	.8								7.3	9.8	10.0
320-340	1.1	1.6		.3								3.0	7.0	6.0
VARIABLE		.2	.3									.5	10.3	11.0
CALM	////////////////////////////////////											3.0	////////////////////////////////	
TOTALS	28.7	38.6	21.2	7.0	1.8							100.0	7.5	7.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	2.0	1.0										2.9	4.6	4.0
020-040	1.8	1.1	.3									3.3	4.6	4.0
050-070	2.1	2.0	1.1									5.2	6.0	5.5
(E) 080-100	1.8	3.3	.7									5.7	5.5	5.0
110-130	2.8	.5	.2									3.4	3.6	3.0
140-160	4.1	2.3										6.4	3.9	4.0
(S) 170-190	7.5	7.8										15.3	4.6	5.0
200-220	2.9	4.9	.8									8.6	6.0	6.0
230-250	1.6	4.4	3.6	.8	.5	.2						11.1	9.6	9.0
(W) 260-280	2.3	6.8	7.8	4.6	.7	.3						22.5	10.9	10.0
290-310	2.0	2.1	2.1									6.2	7.3	6.5
320-340	1.0	1.1	.3	.2								2.6	6.3	5.0
VARIABLE			.2									.2	13.0	13.0
CALM	////////////////////////////////////											6.7	////////////////////////////////	
TOTALS	31.9	37.3	17.1	5.6	1.2	.5						100.0	6.7	6.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550 STATION NAME: ANSBACH AHP/KATTERBACH DL PERIOD OF RECORD: JAN 82 - DEC 91
 LST TO UTC: - 1 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	1.4	.4										1.7	3.2	3.0
020-040	1.0	.8										1.7	4.8	4.0
050-070	2.9	2.3	.4									5.6	4.9	4.0
(E) 080-100	1.9	3.5	.6									6.0	5.6	6.0
110-130	1.6	.8										2.3	4.3	4.0
140-160	2.5	1.6										4.1	3.9	4.0
(S) 170-190	6.4	6.4	.2									13.0	4.5	5.0
200-220	5.0	4.5	1.6									11.1	5.5	5.0
230-250	2.9	7.2	4.3	.6								15.0	8.0	8.0
(W) 260-280	2.7	5.6	9.3	1.7	.8							20.2	10.0	10.0
290-310	1.9	2.3	1.0	.4								5.6	6.8	6.0
320-340	1.7	.2	.4									2.3	5.0	4.0
VARIABLE														
CALM	////////////////////////////////////											11.3	////////////////////////////////	
TOTALS	31.9	35.6	17.8	2.7	.8							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 515

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.6										1.8	3.8	4.0
020-040	1.5	.6										2.1	3.6	3.0
050-070	2.1	4.5	.3									6.9	6.0	6.0
(E) 080-100	2.	1.2										3.9	4.0	4.0
110-130	1.8											1.8	1.5	1.0
140-160	2.7	1.2	.3									4.2	4.3	3.0
(S) 170-190	6.6	6.9	.6									14.2	4.9	5.0
200-220	7.3	4.2	.9	.3								12.7	4.8	4.0
230-250	1.2	3.9	3.0		.6							8.8	9.0	9.0
(W) 260-280	1.5	7.3	11.5	1.8	.6							22.7	10.5	10.0
290-310	.9	2.4	2.1	.6	.3							6.3	9.8	9.0
320-340	.6	.6										1.2	4.8	5.0
VARIABLE														
CAI	////////////////////////////////////											13.3	////////////////////////////////	
TOTALS	30.1	33.4	18.7	2.7	1.5							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 331

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.2	.6	.1									1.9	4.5	4.0
020-040	1.4	1.2	.1									2.7	4.9	4.0
050-070	2.5	2.4	.6									5.4	5.5	5.0
(E) 080-100	1.8	1.8	.4									3.9	5.3	5.0
110-130	2.8	1.3	.1									4.2	3.9	4.0
140-160	3.7	2.2	.0									6.0	4.0	4.0
(S) 170-190	6.7	6.4	.3	.1								13.5	4.7	5.0
200-220	3.7	5.4	1.4	.1								10.5	5.9	6.0
230-250	2.2	5.0	4.0	1.1	.3	.0						12.7	9.0	9.0
(W) 260-280	2.2	5.9	9.1	3.0	.7	.2						21.2	10.8	11.0
290-310	1.3	2.3	1.9	.6	.1							6.2	8.7	8.0
320-340	1.2	1.0	.4	.1								2.7	6.4	5.0
VARIABLE		.1	.1									.2	10.0	9.0
CALM	////////////////////////////////////											8.9	////////////////////////////////	
TOTALS	30.7	35.6	18.5	5.0	1.1	.2						100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 3753

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC HOURS: ALL

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

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL %	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(N) 350-010	1.0	.3	.1									1.4	3.9	3.5
020-040	1.0	1.3	.1									2.4	5.2	5.0
050-070	2.6	2.0	.1									4.8	4.8	4.0
(E) 080-100	1.7	.9										2.6	3.8	3.5
110-130	3.6	1.7										5.4	4.0	4.0
140-160	3.8	3.2	.1									7.0	4.2	4.0
(S) 170-190	6.2	5.5	.3									12.0	4.6	4.0
200-220	3.8	3.1	1.0									7.9	5.2	5.0
230-250	3.0	4.8	3.9	1.7	.4	.1						13.9	8.9	8.0
(W) 260-280	2.7	8.9	11.8	2.2	.4	.1						26.2	9.9	10.0
290-310	1.6	2.2	1.5	.1	.1							5.5	7.5	8.0
320-340	1.7	.6	.2	.1								2.6	4.9	4.0
VARIABLE														
CALM	////////////////////////////////////											8.2	////////////////////////////////	
TOTALS	32.7	34.5	19.1	4.1	.9	.2						100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 1434

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: ALL HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS											TOTAL	MEAN WIND	MEDIAN WIND
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
(W) 350-010	2.0	1.6	.2	.0								3.8	4.9	4.0
020-040	3.0	2.7	.3	.0								6.0	5.0	5.0
050-070	3.3	2.8	.6	.1	.0							6.7	5.2	5.0
(E) 080-100	1.8	2.0	.5	.0								4.3	5.5	5.0
110-130	2.6	1.9	.3	.0								4.8	4.8	4.0
140-160	3.2	1.6	.1									4.8	4.0	4.0
(S) 170-190	5.0	3.0	.3	.0								8.3	4.4	4.0
200-220	4.1	3.2	.8	.1	.0	.0						8.3	5.3	5.0
230-250	3.1	4.3	2.4	.6	.1	.0						10.5	7.4	7.0
(W) 260-280	3.6	6.0	4.8	1.3	.3	.0	.0					16.1	8.5	8.0
290-310	2.9	3.9	1.9	.3	.1	.0		.0				9.0	6.9	6.0
320-340	1.9	2.2	.5	.1	.0	.0						4.7	5.8	5.0
VARIABLE	.0	.6	.3	.0	.0							1.0	9.1	9.0
CALM	////////////////////////////////////											11.8	////////////////////////////////	
TOTALS	36.5	35.8	13.0	2.5	.5							100.0	5.4	5.0

TOTAL NUMBER OF OBSERVATIONS: 50968

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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 WIND	MEDIAN
	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65				
(N) 350-010	2.1	1.9	.4	.0								4.4	5.3	5.0	
020-040	3.8	4.4	.8	.0								9.1	5.5	5.0	
050-070	3.4	2.4	.4	.0								6.3	4.9	4.0	
(E) 080-100	1.5	1.3	.1									2.9	4.7	4.0	
110-130	2.5	1.9	.1									4.5	4.4	4.0	
140-160	3.4	1.7	.1									5.3	4.0	4.0	
(S) 170-190	5.0	2.9	.4									8.2	4.4	4.0	
200-220	3.9	2.0	.6	.1	.0	.0						6.6	4.9	4.0	
230-250	2.7	3.8	2.4	.6	.1	.0						9.6	7.6	7.0	
(W) 260-280	3.1	7.2	6.2	1.4	.4	.0	.0					18.3	8.9	9.0	
290-310	2.5	4.0	1.9	.3	.1							8.8	7.2	7.0	
320-340	2.1	2.2	.5	.1	.0							4.8	5.8	5.0	
VARIABLE															
CALM	////////////////////////////////////											11.2	////////////////////////////////		
TOTALS	36.0	35.7	13.9	2.5	.6							100.0	5.5	5.0	

TOTAL NUMBER OF OBSERVATIONS: 11016

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTTT	DDDDDDDD
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	DDDDDDDD
PP PP	AA AA	RR RR	TT	DD DD
PP PP	AA AA	RR RR	TT	DD DD
PPPPPPPP	AA AA	RRRRRRRR	TT	DD DD
PPPPPPPP	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.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JAN 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	15.6	15.6	15.6	15.6	16.8	19.1	20.8	22.5	22.5	22.5	23.7	23.7	23.7	23.7	23.7	23.7
GE 20000	16.2	16.8	16.8	16.8	17.9	20.2	22.0	23.7	23.7	23.7	24.9	24.9	24.9	24.9	24.9	24.9
GE 18000	16.2	16.8	16.8	16.8	17.9	20.2	22.0	23.7	23.7	23.7	24.9	24.9	24.9	24.9	24.9	24.9
GE 16000	16.2	16.8	16.8	16.8	17.9	20.2	22.0	23.7	23.7	23.7	24.9	24.9	24.9	24.9	24.9	24.9
GE 14000	16.2	16.8	16.8	16.8	17.9	20.2	22.0	23.7	23.7	23.7	24.9	24.9	24.9	24.9	24.9	24.9
GE 12000	17.3	17.9	17.9	17.9	19.1	21.4	23.1	24.9	24.9	24.9	26.0	26.0	26.0	26.0	26.0	26.0
GE 10000	17.3	17.9	17.9	17.9	19.1	21.4	23.1	24.9	24.9	24.9	26.0	26.0	26.0	26.0	26.0	26.0
GE 9000	18.5	19.1	19.1	19.1	20.2	22.5	24.3	26.0	26.0	26.0	27.2	27.2	27.2	27.2	27.2	27.2
GE 8000	20.8	21.4	22.0	22.0	23.1	25.4	27.2	28.9	28.9	28.9	30.1	30.1	30.1	30.1	30.1	30.1
GE 7000	22.5	23.1	23.7	23.7	24.9	27.2	28.9	30.6	30.6	30.6	31.8	31.8	31.8	31.8	31.8	31.8
GE 6000	23.7	24.9	25.4	25.4	26.6	28.9	30.6	32.4	32.4	32.4	33.5	33.5	33.5	33.5	33.5	33.5
GE 5000	25.4	26.6	27.2	27.2	28.9	31.2	32.9	34.7	34.7	34.7	35.8	35.8	35.8	35.8	35.8	35.8
GE 4500	25.4	26.6	27.2	27.2	28.9	31.2	32.9	34.7	34.7	34.7	35.8	35.8	35.8	35.8	35.8	35.8
GE 4000	28.9	30.1	31.2	31.2	34.1	36.4	39.9	41.6	41.6	41.6	42.8	42.8	42.8	42.8	42.8	42.8
GE 3500	30.6	31.8	32.9	32.9	36.4	38.7	42.2	43.9	43.9	43.9	45.1	45.1	45.1	45.1	45.1	45.1
GE 3000	32.9	34.7	35.8	35.8	40.5	43.9	47.4	49.7	49.7	49.7	50.9	50.9	50.9	50.9	50.9	50.9
GE 2500	34.1	35.8	37.6	37.6	42.8	46.2	49.7	52.0	53.2	53.2	54.3	54.3	54.3	54.3	54.3	54.3
GE 2000	34.7	36.4	39.3	39.3	45.1	50.3	54.3	56.6	58.4	59.0	60.1	61.3	61.3	61.3	61.3	61.3
GE 1800	34.7	36.4	39.3	39.3	45.1	50.3	54.3	57.2	59.0	59.5	60.7	61.8	61.8	61.8	61.8	61.8
GE 1500	35.3	37.0	40.5	40.5	47.4	52.6	56.6	59.5	61.3	61.8	63.0	64.2	64.2	64.2	64.2	64.2
GE 1200	35.3	37.0	40.5	40.5	50.3	55.5	60.7	64.2	68.2	68.8	71.1	72.3	72.3	72.3	72.3	72.3
GE 1000	35.3	37.0	41.0	41.0	51.4	57.2	63.6	67.1	71.1	71.7	74.0	75.7	75.7	75.7	75.7	75.7
GE 900	35.3	37.0	41.0	41.0	51.4	57.2	63.6	68.2	72.3	72.8	75.1	76.9	76.9	76.9	76.9	76.9
GE 800	35.3	37.0	41.0	41.0	51.4	57.2	63.6	68.2	72.3	72.8	75.1	76.9	76.9	76.9	76.9	76.9
GE 700	35.3	37.0	41.0	41.0	51.4	57.2	63.6	68.8	72.8	73.4	76.3	78.0	78.0	78.0	78.0	78.0
GE 600	35.3	37.0	41.0	41.0	51.4	57.2	63.6	68.8	72.8	73.4	76.3	78.0	78.6	78.6	78.6	78.6
GE 500	35.3	37.0	41.0	41.0	51.4	58.4	64.7	69.9	74.0	75.7	79.2	82.1	83.2	83.2	83.2	83.2
GE 400	35.3	37.0	41.0	41.0	51.4	58.4	65.3	70.5	74.6	76.3	79.8	85.5	86.7	86.7	86.7	86.7
GE 300	35.3	37.0	41.0	41.0	51.4	58.4	65.3	70.5	75.7	77.5	81.5	87.9	89.0	91.9	91.9	91.9
GE 200	35.3	37.0	41.0	41.0	51.4	58.4	65.3	70.5	75.7	77.5	82.1	88.4	90.2	93.1	93.1	94.8
GE 100	35.3	37.0	41.0	41.0	51.4	58.4	65.3	70.5	75.7	77.5	82.1	88.4	90.2	93.1	93.1	100.0
GE 000	35.3	37.0	41.0	41.0	51.4	58.4	65.3	70.5	75.7	77.5	82.1	88.4	90.2	93.1	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 173

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERSBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	11.3	11.3	11.9	12.2	14.6	16.5	17.7	19.5	19.5	20.4	21.0	21.3	21.3	21.6	21.6	22.0
GE 20000	11.9	11.9	12.5	12.8	15.2	17.1	18.3	20.1	20.1	21.0	21.6	22.0	22.0	22.3	22.3	22.6
GE 18000	11.9	11.9	12.5	12.8	15.2	17.1	18.3	20.1	20.1	21.0	21.6	22.0	22.0	22.3	22.3	22.6
GE 16000	11.9	11.9	12.5	12.8	15.2	17.1	18.3	20.1	20.1	21.0	21.6	22.0	22.0	22.3	22.3	22.6
GE 14000	11.9	11.9	12.5	12.8	15.2	17.1	18.3	20.1	20.1	21.0	21.6	22.0	22.0	22.3	22.3	22.6
GE 12000	12.2	12.5	13.1	13.4	15.9	17.7	18.9	20.7	20.7	21.6	22.3	22.6	22.6	22.9	22.9	23.2
GE 10000	12.2	12.5	13.1	13.4	15.9	17.7	18.9	20.7	20.7	21.6	22.3	22.6	22.6	22.9	22.9	23.2
GE 9000	12.2	12.8	14.0	14.3	17.1	18.9	20.1	22.0	22.0	22.9	23.5	23.8	23.8	24.1	24.1	24.4
GE 8000	15.5	16.2	17.4	17.7	20.7	22.9	24.1	25.9	25.9	26.8	27.4	27.7	27.7	28.0	28.0	28.4
GE 7000	16.5	17.1	18.6	18.9	22.0	24.1	25.3	27.1	27.4	28.4	29.0	29.3	29.3	29.6	29.6	29.9
GE 6000	16.5	17.1	19.2	19.5	22.6	24.7	25.9	27.7	28.0	29.0	29.6	29.9	29.9	30.2	30.2	30.5
GE 5000	16.8	17.4	19.5	19.8	22.9	25.0	26.5	28.4	28.7	29.6	30.2	30.5	30.5	30.8	30.8	31.1
GE 4500	16.8	17.4	19.5	19.8	23.2	25.3	26.8	28.7	29.0	29.9	30.5	30.8	30.8	31.1	31.1	31.4
GE 4000	18.6	19.2	21.6	22.6	26.2	28.4	30.8	32.6	33.2	34.1	34.8	35.1	35.1	35.4	35.4	35.7
GE 3500	19.2	19.8	23.5	25.6	29.6	31.7	34.5	36.3	36.9	37.8	38.4	38.7	38.7	39.0	39.0	39.3
GE 3000	21.3	22.0	25.9	28.4	32.9	35.1	39.0	40.9	41.5	42.4	43.3	43.6	43.6	43.9	43.9	44.2
GE 2500	22.9	23.5	27.4	29.9	34.5	37.5	41.5	43.3	43.9	44.8	45.7	46.0	46.0	46.3	46.3	46.6
GE 2000	24.1	24.7	29.6	32.0	36.9	41.5	45.4	47.3	47.9	48.8	49.7	50.3	50.3	50.6	50.6	50.9
GE 1800	24.1	24.7	29.6	32.0	36.9	41.5	45.4	47.3	47.9	48.8	49.7	50.3	50.3	50.6	50.6	50.9
GE 1500	24.4	25.0	31.4	33.8	39.0	43.6	47.6	49.4	50.0	51.5	52.4	53.0	53.0	53.4	53.4	53.7
GE 1200	24.4	25.3	32.0	34.8	42.7	47.9	52.7	54.6	56.1	57.6	58.5	59.5	59.5	59.8	59.8	60.1
GE 1000	25.0	25.9	33.8	36.9	46.0	51.8	57.0	59.1	60.7	62.5	63.4	64.9	64.9	65.2	65.2	65.5
GE 900	25.3	26.2	34.5	37.5	47.0	52.7	57.9	60.4	61.9	64.0	64.9	66.5	66.5	66.8	66.8	67.1
GE 800	25.3	26.2	35.1	38.1	48.2	54.3	59.5	62.2	63.7	65.9	66.8	68.3	68.6	68.9	68.9	69.2
GE 700	25.3	26.2	35.1	38.1	48.2	54.3	59.5	62.2	63.7	66.5	67.4	68.9	69.2	69.5	69.5	69.8
GE 600	25.3	26.5	35.4	38.4	49.1	55.2	61.0	64.3	65.9	68.6	69.5	71.0	71.3	71.6	71.6	72.0
GE 500	25.3	26.5	35.4	38.4	50.3	56.7	62.5	65.9	67.4	70.4	71.3	73.8	74.4	74.7	74.7	75.0
GE 400	25.6	26.8	35.7	38.7	51.5	57.9	64.0	68.3	69.8	73.2	74.4	78.7	79.6	79.9	79.9	80.2
GE 300	25.6	26.8	35.7	38.7	51.5	57.9	64.3	69.5	71.0	74.7	77.1	82.6	83.8	85.4	85.7	88.1
GE 200	25.6	26.8	35.7	38.7	51.5	57.9	64.3	69.5	71.0	74.7	78.0	83.8	86.0	88.4	89.9	94.5
GE 100	25.6	26.8	35.7	38.7	51.5	57.9	64.3	70.1	72.0	75.9	79.3	85.1	87.5	90.2	92.4	100.0
GE 000	25.6	26.8	35.7	38.7	51.5	57.9	64.3	70.1	72.0	75.9	79.3	85.1	87.5	90.2	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 328

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERRACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	9.6	10.1	11.5	12.8	15.9	17.6	18.6	19.7	20.1	21.7	21.7	22.0	22.1	22.4	22.9	23.1
GE 20000	10.4	11.0	12.4	13.8	17.0	18.7	19.7	20.7	21.2	22.8	22.8	23.1	23.2	23.5	24.0	24.3
GE 18000	10.5	11.1	12.5	13.9	17.2	18.9	19.8	20.9	21.4	22.9	22.9	23.2	23.4	23.7	24.1	24.5
GE 16000	10.5	11.1	12.5	13.9	17.2	18.9	19.8	20.9	21.4	22.9	22.9	23.2	23.4	23.7	24.1	24.5
GE 14000	10.5	11.1	12.5	13.9	17.2	18.9	19.8	20.9	21.4	22.9	22.9	23.2	23.4	23.7	24.1	24.5
GE 12000	10.5	11.1	12.5	14.1	17.3	19.0	20.0	21.1	21.5	23.1	23.1	23.4	23.5	23.8	24.3	24.6
GE 10000	10.8	11.6	13.0	14.6	17.8	19.8	20.9	22.0	22.4	24.0	24.0	24.3	24.5	24.8	25.2	25.5
GE 9000	11.0	11.8	13.3	14.9	18.4	20.4	21.5	22.6	23.1	24.6	24.6	24.9	25.1	25.4	25.9	26.3
GE 8000	12.8	13.6	15.5	17.2	20.7	22.8	23.8	25.1	25.5	27.2	27.2	27.6	27.7	28.0	28.6	29.1
GE 7000	13.0	13.8	15.9	17.6	21.4	23.5	24.6	25.9	26.3	28.0	28.0	28.3	28.5	28.8	29.4	29.9
GE 6000	13.0	13.8	15.9	17.6	21.7	23.8	24.9	26.2	26.6	28.3	28.3	28.6	28.8	29.1	29.7	30.2
GE 5000	13.6	14.4	16.6	18.3	22.3	24.5	25.5	26.9	27.4	29.1	29.1	29.4	29.6	29.9	30.5	31.1
GE 4500	13.9	14.7	17.2	18.9	23.2	25.4	26.5	27.9	28.3	30.0	30.0	30.3	30.5	30.8	31.4	32.0
GE 4000	16.6	17.8	20.4	22.3	27.4	29.7	30.8	32.5	33.0	34.7	34.7	35.0	35.1	35.4	36.1	36.7
GE 3500	18.9	20.3	23.4	25.4	31.3	33.7	35.0	36.7	37.2	38.9	38.9	39.2	39.3	39.6	40.2	40.9
GE 3000	21.4	23.1	27.1	30.0	36.8	39.5	41.2	43.0	43.5	45.4	45.5	45.8	46.0	46.3	46.9	47.5
GE 2500	22.3	24.0	28.6	31.7	38.9	42.0	43.7	45.5	46.1	48.1	48.3	48.6	48.8	49.1	49.7	50.3
GE 2000	23.1	24.9	31.3	34.4	43.0	46.7	48.9	51.1	51.7	53.7	53.9	54.2	54.3	54.6	55.3	55.9
GE 1800	23.4	25.2	31.6	34.7	43.3	47.1	49.2	51.4	52.0	54.0	54.2	54.5	54.6	55.0	55.6	56.2
GE 1500	24.5	26.5	33.6	37.2	46.4	50.5	52.6	55.0	55.9	57.9	58.0	58.4	58.5	58.8	59.4	60.1
GE 1200	25.4	27.6	35.4	39.3	49.7	53.7	56.0	58.7	60.1	62.4	62.5	62.8	63.0	63.3	63.9	64.6
GE 1000	25.5	27.7	35.9	39.9	51.2	55.7	58.7	61.8	63.3	65.6	66.3	67.0	67.2	67.5	68.1	68.7
GE 900	25.7	27.9	36.2	40.4	51.9	56.3	59.3	62.5	64.1	66.4	67.0	67.8	68.0	68.3	68.9	69.5
GE 800	25.7	27.9	36.5	40.9	53.7	58.5	61.5	64.7	66.3	68.6	69.5	70.3	70.4	71.1	71.7	72.3
GE 700	25.7	27.9	37.2	41.5	54.6	59.6	62.7	66.4	68.0	70.6	71.7	72.4	72.6	73.4	74.0	74.6
GE 600	26.2	28.3	37.6	42.0	55.6	60.5	63.8	67.6	69.3	72.1	73.2	74.0	74.1	75.1	75.9	76.5
GE 500	26.3	28.5	37.8	42.3	56.5	61.9	65.9	70.4	72.6	76.0	77.2	78.0	78.3	79.4	80.2	80.8
GE 400	26.5	28.6	37.9	42.4	57.3	62.7	66.7	72.0	74.1	78.0	79.4	81.1	81.4	82.7	83.9	84.5
GE 300	26.5	28.6	37.9	42.4	57.4	62.8	67.2	73.2	76.0	80.5	82.4	85.1	86.4	88.1	89.9	91.5
GE 200	26.5	28.6	37.9	42.4	57.4	62.8	67.2	73.4	76.6	81.4	83.4	86.4	88.2	89.9	92.1	95.7
GE 100	26.5	28.6	37.9	42.4	57.4	62.8	67.2	73.4	76.6	81.6	84.2	87.2	89.3	91.2	94.1	100.0
GE 000	26.5	28.6	37.9	42.4	57.4	62.8	67.2	73.4	76.6	81.6	84.2	87.2	89.3	91.2	94.1	100.0

TOTAL NUMBER OF OBSERVATIONS 646

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	11.2	11.5	13.7	14.2	17.2	18.1	19.3	20.7	21.3	22.5	23.4	23.4	24.2	24.2	24.2	24.5
GE 20000	12.8	13.1	15.7	16.1	19.4	20.4	21.6	23.3	23.9	25.1	26.0	26.0	26.7	26.7	26.7	27.0
GE 18000	13.0	13.3	15.8	16.3	19.6	20.6	21.8	23.6	24.2	25.4	26.3	26.3	27.0	27.0	27.0	27.3
GE 16000	13.0	13.3	15.8	16.3	19.6	20.6	21.8	23.6	24.2	25.4	26.3	26.3	27.0	27.0	27.0	27.3
GE 14000	13.0	13.3	16.0	16.4	19.7	20.7	21.9	23.7	24.3	25.5	26.4	26.4	27.2	27.2	27.2	27.5
GE 12000	13.4	13.7	16.7	17.2	20.4	21.5	22.7	24.5	25.1	26.3	27.2	27.2	27.9	27.9	27.9	28.2
GE 10000	13.9	14.2	17.2	17.6	21.3	22.5	23.7	25.5	26.1	27.3	28.2	28.2	29.0	29.0	29.0	29.3
GE 9000	14.2	14.5	17.5	17.9	21.6	22.8	24.0	25.8	26.4	27.6	28.5	28.5	29.3	29.3	29.3	29.6
GE 8000	16.0	16.3	19.6	20.0	23.7	24.9	26.4	28.2	28.8	30.0	30.9	30.9	31.6	31.8	31.8	32.1
GE 7000	16.6	16.9	20.6	21.0	25.1	26.3	27.8	29.6	30.1	31.3	32.2	32.2	33.0	33.1	33.1	33.4
GE 6000	16.6	16.9	20.6	21.0	25.1	26.3	27.8	29.7	30.3	31.5	32.4	32.4	33.1	33.3	33.3	33.6
GE 5000	18.2	18.5	22.4	22.8	27.0	28.2	29.7	31.6	32.2	33.4	34.3	34.3	35.1	35.2	35.2	35.8
GE 4500	18.7	19.0	22.8	23.3	27.5	29.1	30.6	32.5	33.1	34.3	35.2	35.2	36.0	36.1	36.1	36.7
GE 4000	20.9	21.3	26.0	26.4	31.3	33.6	35.1	37.0	37.8	39.0	39.9	39.9	40.6	40.7	40.7	41.3
GE 3500	21.5	21.9	26.6	27.0	31.9	34.3	35.8	37.9	38.7	39.9	40.7	40.7	41.5	41.6	41.6	42.2
GE 3000	24.5	24.9	30.3	31.0	37.6	40.3	41.8	44.6	45.7	46.9	47.8	47.8	48.7	48.8	48.8	49.4
GE 2500	25.7	26.1	31.6	32.7	39.6	42.5	44.0	47.0	48.1	49.3	50.1	50.1	51.0	51.2	51.2	51.9
GE 2000	28.2	29.3	34.9	36.1	43.7	47.3	49.3	52.4	53.7	54.9	55.8	55.8	56.7	56.9	56.9	57.6
GE 1800	28.4	29.4	35.2	36.4	44.0	47.6	49.7	52.8	54.2	55.4	56.4	56.4	57.3	57.5	57.5	58.2
GE 1500	29.9	30.9	37.0	38.5	46.4	50.3	52.7	56.0	57.8	59.0	60.1	60.1	61.0	61.2	61.2	61.9
GE 1200	31.6	32.7	39.4	41.3	50.3	54.6	57.3	61.5	63.3	64.6	66.3	66.4	67.3	67.5	67.5	68.2
GE 1000	32.2	33.4	40.3	42.5	52.1	56.7	60.0	64.5	66.3	67.6	69.4	69.9	70.7	70.9	70.9	71.6
GE 900	32.2	33.4	40.3	42.5	52.7	57.3	60.6	65.4	67.2	68.5	70.3	70.7	71.6	71.8	71.8	72.5
GE 800	32.7	33.9	40.7	43.3	54.2	59.0	62.2	67.0	68.8	70.3	72.1	72.5	73.4	73.6	73.6	74.3
GE 700	33.0	34.2	41.5	44.5	56.3	61.2	64.6	69.6	71.5	73.0	75.1	75.7	76.6	76.9	76.9	77.6
GE 600	33.0	34.2	41.5	44.5	57.2	62.5	66.1	71.5	73.6	75.2	77.8	78.8	79.9	80.3	80.3	81.0
GE 500	33.1	34.3	41.6	44.6	57.5	63.7	67.6	73.4	75.8	77.5	80.9	82.1	83.1	83.6	83.7	84.5
GE 400	33.1	34.3	41.6	44.6	57.6	64.0	68.1	74.2	76.9	79.0	82.8	84.6	85.8	86.3	86.4	87.6
GE 300	33.1	34.3	41.6	44.6	57.6	64.0	68.1	74.6	77.6	79.9	85.2	88.5	90.6	91.2	91.9	93.7
GE 200	33.1	34.3	41.6	44.6	57.6	64.0	68.1	74.8	77.8	80.3	86.0	89.4	92.1	93.1	94.2	96.9
GE 100	33.1	34.3	41.6	44.6	57.6	64.0	68.1	74.8	77.8	80.3	86.0	89.4	92.2	93.7	95.2	100.0
GE 000	33.1	34.3	41.6	44.6	57.6	64.0	68.1	74.8	77.8	80.3	86.0	89.4	92.2	93.7	95.2	100.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	11.1	11.4	14.3	15.5	18.7	19.8	21.4	21.8	22.9	23.0	23.8	24.1	24.2	24.2	24.2	24.2
GE 20000	14.3	14.9	17.7	18.9	22.7	24.2	25.9	26.7	27.8	27.9	28.7	29.0	29.1	29.1	29.1	29.1
GE 18000	14.4	15.2	18.1	19.3	23.2	24.7	26.4	27.5	28.5	28.7	29.4	29.7	29.9	29.9	29.9	29.9
GE 16000	14.4	15.2	18.1	19.3	23.2	24.7	26.4	27.5	28.5	28.7	29.4	29.7	29.9	29.9	29.9	29.9
GE 14000	14.4	15.2	18.3	19.5	23.3	24.8	26.6	27.6	28.7	28.8	29.6	29.9	30.0	30.0	30.0	30.0
GE 12000	14.7	15.5	18.9	20.1	23.9	25.4	27.2	28.2	29.3	29.4	30.2	30.5	30.6	30.6	30.6	30.6
GE 10000	15.9	16.6	20.1	21.2	25.3	26.7	28.5	29.6	30.6	30.8	31.5	31.8	31.9	31.9	31.9	31.9
GE 9000	16.2	16.9	20.4	21.5	25.6	27.0	28.8	29.9	30.9	31.1	31.8	32.1	32.2	32.2	32.2	32.2
GE 8000	18.1	19.2	22.9	24.2	28.5	30.2	32.2	33.4	34.8	34.9	35.7	36.0	36.1	36.1	36.1	36.1
GE 7000	19.3	20.4	24.5	25.9	30.3	31.9	34.2	35.5	36.8	37.0	37.7	38.0	38.2	38.2	38.2	38.2
GE 6000	19.5	20.5	24.8	26.2	30.6	32.2	34.5	36.0	37.3	37.4	38.2	38.5	38.6	38.6	38.6	38.6
GE 5000	21.5	22.6	27.0	28.5	33.0	34.6	36.8	38.3	39.7	39.8	40.6	40.9	41.0	41.0	41.0	41.0
GE 4500	21.8	22.9	27.3	28.8	33.3	34.9	37.1	38.6	40.0	40.1	40.9	41.2	41.3	41.3	41.3	41.3
GE 4000	23.2	24.5	29.1	30.8	35.7	37.3	39.7	41.2	42.6	42.8	43.5	43.8	44.0	44.0	44.0	44.0
GE 3500	24.4	25.7	30.3	31.9	37.0	38.6	41.3	42.8	44.3	44.4	45.2	45.5	45.6	45.6	45.6	45.6
GE 3000	27.9	29.7	34.9	37.3	42.9	45.0	47.7	49.2	51.1	51.6	52.3	52.9	53.0	53.0	53.0	53.0
GE 2500	29.1	31.1	36.4	38.8	44.6	47.1	50.1	52.0	53.9	54.4	55.1	55.7	55.9	55.9	55.9	55.9
GE 2000	33.0	35.1	41.6	44.3	50.5	53.2	56.3	58.7	60.6	61.1	61.8	62.6	62.7	62.7	62.7	62.7
GE 1800	33.6	35.8	42.3	45.2	51.4	54.2	57.4	59.9	61.8	62.3	63.0	63.7	63.9	63.9	63.9	63.9
GE 1500	34.5	36.7	43.8	47.4	53.9	57.2	60.8	63.3	65.8	66.4	67.2	67.9	68.1	68.1	68.1	68.1
GE 1200	36.4	38.8	47.4	51.0	57.9	61.2	64.9	67.8	70.4	71.0	72.2	73.0	73.1	73.1	73.1	73.1
GE 1000	37.0	39.4	48.4	53.0	60.9	64.2	67.9	71.2	74.3	75.2	76.7	77.4	77.6	77.6	77.6	77.6
GE 900	37.4	39.8	49.2	53.8	61.8	65.1	68.8	72.1	75.2	76.1	77.6	78.3	78.5	78.5	78.5	78.5
GE 800	37.7	40.1	49.6	54.2	62.7	66.0	69.7	73.0	76.1	77.0	78.6	79.3	79.5	79.5	79.5	79.5
GE 700	38.0	40.4	50.2	55.1	63.7	67.0	71.0	74.3	77.4	78.8	80.7	81.4	81.6	81.6	81.6	81.6
GE 600	38.0	40.4	50.4	55.7	64.8	68.6	72.7	76.4	80.1	81.6	83.8	84.7	84.8	84.8	84.8	84.8
GE 500	38.2	40.6	50.5	55.9	65.2	70.3	75.2	79.2	83.5	85.3	88.0	89.2	89.3	89.3	89.3	89.3
GE 400	38.2	40.6	50.5	55.9	65.4	70.7	75.6	79.8	84.2	86.8	90.9	92.7	93.0	93.2	93.2	93.3
GE 300	38.2	40.6	50.5	55.9	65.4	70.7	75.6	79.9	84.5	87.2	92.1	94.4	94.9	95.1	95.1	96.0
GE 200	38.2	40.6	50.5	55.9	65.4	70.7	75.6	79.9	84.7	87.4	92.7	94.9	95.8	97.0	97.2	98.2
GE 100	38.2	40.6	50.5	55.9	65.4	70.7	75.6	79.9	84.7	87.4	92.7	94.9	95.8	97.2	97.3	99.6
GE 000	38.2	40.6	50.5	55.9	65.4	70.7	75.6	79.9	84.7	87.4	92.7	94.9	95.8	97.2	97.3	100.0

TOTAL NUMBER OF OBSERVATIONS 673

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	15.8	16.2	19.5	21.1	23.0	24.4	26.1	26.8	27.7	28.2	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	18.8	19.2	22.9	24.5	28.0	30.2	31.8	32.6	33.5	33.9	34.2	34.2	34.2	34.2	34.2	34.2
GE 18000	19.2	19.7	23.3	25.0	28.5	30.6	32.3	33.0	33.9	34.4	34.7	34.7	34.7	34.7	34.7	34.7
GE 16000	19.2	19.7	23.3	25.0	28.5	30.6	32.3	33.0	33.9	34.4	34.7	34.7	34.7	34.7	34.7	34.7
GE 14000	19.2	19.7	23.3	25.0	28.5	30.6	32.3	33.0	33.9	34.4	34.7	34.7	34.7	34.7	34.7	34.7
GE 12000	19.5	20.0	23.8	25.5	28.9	31.1	32.9	33.6	34.5	35.0	35.3	35.3	35.3	35.3	35.3	35.3
GE 10000	19.8	20.3	24.4	26.1	29.7	32.1	33.9	34.7	35.6	36.1	36.4	36.4	36.4	36.4	36.4	36.4
GE 9000	21.2	21.8	25.9	27.6	31.2	33.6	35.5	36.2	37.1	37.6	37.9	37.9	37.9	37.9	37.9	37.9
GE 8000	23.0	24.1	28.2	29.8	33.5	36.1	38.0	39.2	40.2	40.8	41.1	41.1	41.1	41.1	41.1	41.1
GE 7000	24.7	25.8	30.0	31.8	35.6	38.2	40.3	41.5	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3
GE 6000	24.7	25.8	30.0	31.8	35.6	38.2	40.3	41.5	42.4	43.0	43.3	43.3	43.3	43.3	43.3	43.3
GE 5000	26.1	27.1	31.5	33.3	37.1	39.7	41.8	43.0	43.9	44.5	44.8	44.8	44.8	44.8	44.8	44.8
GE 4500	26.5	27.7	32.1	33.9	37.7	40.3	42.4	43.6	44.5	45.2	45.5	45.5	45.5	45.5	45.5	45.5
GE 4000	28.2	29.4	33.9	35.9	39.8	42.4	44.5	45.9	46.8	47.4	47.7	47.7	47.7	47.7	47.7	47.7
GE 3500	28.9	30.2	34.7	37.0	40.9	43.5	45.6	47.0	47.9	48.5	48.8	48.8	48.8	48.8	48.8	48.8
GE 3000	31.8	33.2	38.6	41.4	45.8	48.5	50.9	52.7	53.8	54.4	54.7	54.7	54.7	54.7	54.7	54.7
GE 2500	33.3	34.8	41.1	43.8	48.2	50.9	53.9	55.9	57.0	57.6	57.9	57.9	57.9	57.9	57.9	57.9
GE 2000	35.8	37.6	44.5	47.9	52.9	55.9	59.7	62.1	63.2	63.9	64.2	64.4	64.4	64.4	64.4	64.4
GE 1800	36.1	37.9	44.8	48.3	53.3	56.4	60.2	62.9	63.9	64.7	65.0	65.2	65.2	65.2	65.2	65.2
GE 1500	38.8	40.6	48.3	52.1	57.6	60.6	64.5	67.3	69.1	69.8	70.2	70.6	70.6	70.6	70.6	70.6
GE 1200	40.0	41.8	50.3	54.8	60.5	63.5	67.6	70.9	72.9	73.9	74.4	75.0	75.0	75.0	75.0	75.0
GE 1000	40.6	42.4	51.4	56.5	62.4	65.8	70.6	74.8	77.1	78.5	79.1	79.7	79.7	79.7	79.7	79.7
GE 900	40.8	42.6	51.5	56.7	62.7	66.1	70.9	75.3	77.6	78.9	79.5	80.2	80.2	80.2	80.2	80.2
GE 800	40.8	42.6	51.8	57.0	63.0	67.0	71.8	76.2	78.5	80.0	80.9	81.5	81.5	81.5	81.5	81.5
GE 700	40.8	42.6	52.3	57.9	64.2	68.2	73.5	78.2	80.5	82.6	83.5	84.2	84.2	84.2	84.2	84.2
GE 600	40.8	42.6	52.3	57.9	64.8	68.8	74.2	79.1	81.7	83.8	85.0	86.1	86.1	86.1	86.1	86.1
GE 500	41.1	43.0	53.0	58.6	66.4	70.8	76.5	81.7	84.2	87.0	88.5	90.5	90.5	90.5	90.5	90.5
GE 400	41.1	43.0	53.0	58.6	66.4	70.8	76.5	82.0	84.7	87.7	90.3	92.6	92.7	92.7	92.7	92.7
GE 300	41.1	43.0	53.0	58.6	66.4	70.8	76.5	82.0	84.8	88.3	91.5	94.1	94.5	94.8	95.0	95.0
GE 200	41.1	43.0	53.0	58.6	66.4	70.8	76.5	82.0	84.8	88.3	91.5	94.2	95.2	96.2	97.1	97.9
GE 100	41.1	43.0	53.0	58.6	66.4	70.8	76.5	82.0	84.8	88.3	91.5	94.2	95.2	96.2	97.1	99.5
GE 000	41.1	43.0	53.0	58.6	66.4	70.8	76.5	82.0	84.8	88.3	91.5	94.2	95.2	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	15.6	16.5	17.8	19.3	22.3	23.8	25.0	26.0	26.6	27.6	29.1	29.3	29.6	29.6	29.6	29.6
GE 20000	18.0	19.1	21.1	22.6	25.8	28.0	29.3	30.4	31.1	32.1	33.8	33.9	34.3	34.3	34.3	34.3
GE 18000	18.0	19.1	21.1	22.6	26.1	28.3	29.6	30.8	31.4	32.4	34.1	34.3	34.6	34.6	34.6	34.6
GE 16000	18.0	19.1	21.1	22.6	26.1	28.3	29.6	30.8	31.4	32.4	34.1	34.3	34.6	34.6	34.6	34.6
GE 14000	18.0	19.1	21.1	22.6	26.1	28.3	29.6	30.8	31.4	32.4	34.1	34.3	34.6	34.6	34.6	34.6
GE 12000	18.3	19.5	21.5	23.0	27.0	29.3	30.8	31.9	32.6	33.6	35.3	35.4	35.8	35.8	35.8	35.8
GE 10000	18.5	19.6	21.6	23.1	27.3	29.6	31.1	32.3	32.9	33.9	35.6	35.8	36.1	36.1	36.1	36.1
GE 9000	18.5	19.6	21.6	23.1	27.6	30.0	31.4	32.6	33.3	34.3	35.9	36.1	36.4	36.4	36.4	36.4
GE 8000	20.6	21.8	24.0	25.5	30.4	32.9	34.4	36.1	36.8	38.3	39.9	40.1	40.4	40.4	40.4	40.4
GE 7000	22.1	23.3	26.0	27.5	32.6	35.1	36.6	38.3	38.9	40.4	42.1	42.3	42.6	42.6	42.6	42.6
GE 6000	22.1	23.3	26.0	27.5	32.8	35.3	36.8	38.4	39.1	40.8	42.4	42.6	42.9	42.9	42.9	42.9
GE 5000	23.1	24.3	27.0	28.8	34.1	36.6	38.3	39.9	40.6	42.3	43.9	44.1	44.4	44.4	44.4	44.4
GE 4500	23.1	24.3	27.1	29.0	34.4	36.9	38.6	40.3	40.9	42.6	44.3	44.4	44.8	44.8	44.8	44.8
GE 4000	25.0	26.1	29.1	31.3	37.4	40.3	41.9	43.9	44.6	46.3	47.9	48.3	48.6	48.6	48.6	48.6
GE 3500	27.3	28.6	31.9	34.1	40.4	43.3	44.9	46.9	47.6	49.3	50.9	51.2	51.6	51.6	51.6	51.6
GE 3000	30.0	31.3	35.4	37.9	44.9	47.9	49.6	51.9	52.6	54.6	56.2	56.6	56.9	56.9	56.9	56.9
GE 2500	30.9	32.4	36.6	39.1	46.3	49.3	51.4	53.7	54.4	56.4	58.1	58.4	58.7	58.7	58.7	58.7
GE 2000	32.4	33.9	38.3	40.9	50.1	53.6	56.7	59.6	60.4	62.4	64.1	64.7	65.1	65.1	65.1	65.1
GE 1800	32.4	33.9	38.3	40.9	50.1	53.6	56.7	59.9	60.7	63.1	64.7	65.4	65.7	65.7	65.7	65.7
GE 1500	33.8	35.4	39.8	42.6	52.4	56.1	59.9	63.2	64.4	66.7	68.6	69.4	69.7	69.7	69.7	69.7
GE 1200	33.9	35.6	39.9	42.8	53.7	57.9	62.4	65.9	67.2	69.7	71.5	72.5	72.9	72.9	72.9	72.9
GE 1000	34.6	36.4	40.9	44.6	56.7	61.2	66.6	71.0	72.4	74.9	76.7	77.7	78.0	78.0	78.0	78.0
GE 900	34.6	36.4	41.3	44.9	57.1	61.9	67.2	71.7	73.2	75.7	77.5	78.5	78.9	78.9	78.9	78.9
GE 800	34.9	36.8	41.8	45.4	57.6	62.6	68.2	72.7	74.4	76.9	79.2	80.2	80.5	80.5	80.5	80.5
GE 700	34.9	36.8	41.8	45.4	57.9	62.9	69.4	73.9	75.5	78.2	80.7	81.7	82.0	82.0	82.0	82.0
GE 600	34.9	36.8	42.1	45.8	58.7	64.4	71.0	76.0	78.0	80.7	83.2	84.2	84.5	84.5	84.5	84.5
GE 500	34.9	36.8	42.1	45.8	59.1	64.7	71.5	76.9	79.4	82.5	85.5	87.2	87.7	87.7	87.7	87.7
GE 400	34.9	36.8	42.1	45.8	59.1	64.7	71.5	77.2	80.4	83.9	87.4	89.7	90.2	90.2	90.2	90.2
GE 300	34.9	36.8	42.1	45.8	59.1	64.7	72.0	77.7	80.9	84.4	88.9	92.0	92.7	92.8	93.5	93.7
GE 200	34.9	36.8	42.1	45.8	59.1	64.7	72.0	77.7	80.9	84.4	88.9	92.0	93.5	93.8	95.0	96.0
GE 100	34.9	36.8	42.1	45.8	59.1	64.7	72.0	77.7	80.9	84.4	88.9	92.2	93.8	94.7	96.2	99.2
GE 000	34.9	36.8	42.1	45.8	59.1	64.7	72.0	77.7	80.9	84.4	88.9	92.2	93.8	94.7	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 601

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	13.7	14.2	17.0	17.3	21.1	23.7	24.7	25.4	25.4	26.0	27.2	27.5	27.7	27.7	27.7	28.5
GE 20000	15.8	16.5	19.6	19.8	23.7	26.5	27.5	28.2	28.2	28.8	30.0	30.3	30.5	30.5	30.5	31.3
GE 18000	15.8	16.5	19.6	19.8	23.7	26.5	27.5	28.2	28.2	28.8	30.0	30.3	30.5	30.5	30.5	31.3
GE 16000	15.8	16.5	19.6	19.8	23.7	26.5	27.5	28.2	28.2	28.8	30.0	30.3	30.5	30.5	30.5	31.3
GE 14000	15.8	16.5	19.6	19.8	23.7	26.5	27.5	28.2	28.2	28.8	30.0	30.3	30.5	30.5	30.5	31.3
GE 12000	15.8	16.5	19.6	20.1	24.2	27.0	28.2	29.0	29.0	29.5	30.8	31.0	31.3	31.3	31.3	32.1
GE 10000	16.5	17.3	20.4	20.9	24.9	27.7	29.0	29.8	29.8	30.3	32.1	32.6	32.8	32.8	32.8	33.6
GE 9000	17.0	17.8	20.9	21.4	26.2	29.0	30.3	31.0	31.0	31.6	33.3	33.8	34.1	34.1	34.1	34.9
GE 8000	18.8	19.6	22.6	23.2	28.8	31.8	33.1	34.1	34.1	34.6	36.4	36.9	37.2	37.2	37.2	37.9
GE 7000	19.8	21.1	24.2	24.7	30.3	33.3	34.6	35.6	35.6	36.1	37.9	38.4	38.7	38.7	38.7	39.4
GE 6000	20.1	21.4	24.4	24.9	30.5	33.6	34.9	35.9	35.9	36.4	38.2	38.7	38.9	38.9	38.9	39.7
GE 5000	21.6	22.9	26.0	26.5	32.1	35.1	36.6	37.7	37.7	38.2	39.9	40.5	40.7	40.7	40.7	41.5
GE 4500	21.6	22.9	26.2	26.7	32.6	35.6	37.2	38.2	38.2	38.7	40.5	41.0	41.2	41.2	41.2	42.0
GE 4000	23.4	24.7	28.8	29.3	36.1	39.2	40.7	41.7	41.7	42.2	44.0	44.5	44.8	44.8	44.8	45.5
GE 3500	24.7	26.0	30.5	31.0	38.2	41.2	42.7	43.8	43.8	44.3	46.1	46.6	46.8	46.8	46.8	47.6
GE 3000	26.7	28.2	34.4	35.6	44.0	47.6	49.1	50.4	50.4	50.9	52.7	53.2	53.4	53.4	53.4	54.2
GE 2500	29.0	31.0	37.7	38.9	47.8	51.4	53.2	54.7	55.0	55.5	57.3	57.8	58.0	58.0	58.0	58.8
GE 2000	29.5	31.6	38.2	40.2	49.6	53.7	56.0	57.8	58.3	59.3	61.1	61.6	61.8	61.8	61.8	62.6
GE 1800	29.5	31.6	38.2	40.2	49.6	53.7	56.0	57.8	58.3	59.3	61.3	61.8	62.1	62.1	62.1	62.8
GE 1500	31.0	33.1	39.9	42.2	52.2	56.2	59.0	60.8	61.3	62.8	64.9	65.6	65.9	65.9	65.9	66.7
GE 1200	31.3	33.3	40.2	42.5	53.9	58.3	61.1	62.8	64.1	65.9	68.2	69.0	69.2	69.2	69.2	70.0
GE 1000	31.3	33.3	41.2	43.8	57.0	61.3	65.1	67.4	68.7	70.7	73.3	74.0	74.3	74.3	74.3	75.1
GE 900	31.6	33.6	41.5	44.0	57.5	62.1	65.9	68.7	70.0	72.0	74.6	75.3	75.6	75.6	75.6	76.3
GE 800	31.6	33.6	41.5	44.0	57.5	62.1	65.9	69.2	70.5	72.8	75.6	76.3	76.6	76.6	76.6	77.4
GE 700	31.6	33.6	41.5	44.0	57.5	62.1	65.9	69.5	71.0	73.3	76.3	77.6	77.9	77.9	77.9	78.6
GE 600	31.6	33.6	41.7	44.3	58.3	62.8	67.7	71.8	73.3	75.6	78.6	80.4	80.7	81.2	81.2	81.9
GE 500	31.6	33.6	41.7	44.3	59.0	63.9	68.7	73.3	74.8	77.4	80.9	83.2	84.2	84.7	84.7	85.8
GE 400	31.6	33.6	41.7	44.3	59.0	63.9	69.2	74.0	75.6	78.6	82.7	85.5	86.5	87.0	87.0	88.0
GE 300	31.6	33.6	41.7	44.3	59.0	63.9	69.2	74.8	76.3	79.6	84.7	88.3	90.1	91.1	92.1	93.6
GE 200	31.6	33.6	41.7	44.3	59.0	63.9	69.2	74.8	76.3	79.6	84.7	88.5	91.1	92.6	94.1	96.4
GE 100	31.6	33.6	41.7	44.3	59.0	63.9	69.2	74.8	76.3	79.6	84.7	88.5	91.1	92.6	94.7	99.2
GE 000	31.6	33.6	41.7	44.3	59.0	63.9	69.2	74.8	76.3	79.6	84.7	88.5	91.1	92.6	94.7	100.0

TOTAL NUMBER OF OBSERVATIONS 393

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	12.7	13.2	15.2	16.2	19.1	20.6	21.9	22.9	23.5	24.3	25.0	25.2	25.4	25.5	25.6	25.7
GE 20000	14.7	15.3	17.6	18.6	21.9	23.7	25.0	26.2	26.8	27.6	28.4	28.5	28.8	28.8	28.9	29.1
GE 18000	14.9	15.5	17.8	18.8	22.1	24.0	25.3	26.5	27.1	27.9	28.7	28.8	29.1	29.2	29.2	29.4
GE 16000	14.9	15.5	17.8	18.8	22.1	24.0	25.3	26.5	27.1	27.9	28.7	28.8	29.1	29.2	29.2	29.4
GE 14000	14.9	15.5	17.8	18.8	22.2	24.0	25.4	26.6	27.1	27.9	28.7	28.9	29.1	29.2	29.3	29.5
GE 12000	15.2	15.8	18.3	19.3	22.8	24.6	26.0	27.2	27.8	28.6	29.4	29.6	29.8	29.9	29.9	30.1
GE 10000	15.6	16.3	18.8	19.9	23.4	25.4	26.9	28.1	28.6	29.4	30.3	30.5	30.7	30.8	30.8	31.0
GE 9000	16.0	16.7	19.4	20.4	24.2	26.2	27.6	28.8	29.4	30.2	31.0	31.2	31.4	31.5	31.6	31.8
GE 8000	18.1	18.9	21.7	22.8	26.8	28.9	30.5	31.9	32.5	33.4	34.2	34.4	34.7	34.8	34.9	35.1
GE 7000	19.1	20.0	23.1	24.2	28.4	30.5	32.1	33.5	34.2	35.1	35.9	36.1	36.4	36.5	36.6	36.8
GE 6000	19.2	20.1	23.3	24.4	28.6	30.7	32.4	33.9	34.5	35.4	36.3	36.5	36.7	36.8	36.9	37.1
GE 5000	20.5	21.4	24.7	25.9	30.1	32.2	33.9	35.4	36.1	37.0	37.9	38.1	38.3	38.4	38.5	38.8
GE 4500	20.8	21.7	25.0	26.2	30.6	32.8	34.5	36.0	36.7	37.6	38.4	38.6	38.9	38.9	39.0	39.3
GE 4000	22.7	23.8	27.5	28.9	33.8	36.2	38.1	39.7	40.4	41.4	42.2	42.4	42.6	42.7	42.8	43.1
GE 3500	24.1	25.2	29.2	30.7	35.9	38.3	40.3	41.9	42.7	43.6	44.4	44.6	44.9	45.0	45.1	45.4
GE 3000	26.8	28.1	32.9	35.0	41.1	43.8	45.9	47.9	48.8	49.9	50.7	51.0	51.3	51.4	51.4	51.7
GE 2500	28.1	29.6	34.7	36.8	43.1	46.1	48.5	50.6	51.6	52.7	53.5	53.8	54.1	54.2	54.3	54.6
GE 2000	30.1	31.7	37.5	39.9	47.2	50.7	53.6	56.1	57.2	58.3	59.2	59.7	59.9	60.0	60.1	60.4
GE 1800	30.3	31.9	37.8	40.3	47.5	51.1	54.0	56.6	57.7	58.9	59.8	60.3	60.5	60.6	60.7	61.0
GE 1500	31.7	33.3	39.8	42.6	50.3	54.1	57.3	59.9	61.4	62.8	63.7	64.3	64.5	64.6	64.7	65.0
GE 1200	32.6	34.4	41.4	44.5	53.3	57.3	60.9	63.9	65.8	67.3	68.5	69.1	69.4	69.5	69.6	69.9
GE 1000	33.1	34.9	42.4	46.0	55.7	59.9	64.1	67.7	69.7	71.4	72.8	73.6	73.9	74.0	74.1	74.4
GE 900	33.3	35.1	42.7	46.3	56.2	60.6	64.7	68.6	70.6	72.3	73.7	74.5	74.8	74.9	75.0	75.3
GE 800	33.4	35.3	43.1	46.7	57.1	61.7	65.9	69.8	71.8	73.6	75.2	76.0	76.3	76.5	76.6	76.9
GE 700	33.5	35.4	43.5	47.3	58.0	62.6	67.1	71.2	73.3	75.4	77.2	78.1	78.4	78.6	78.7	79.0
GE 600	33.6	35.4	43.7	47.6	58.8	63.7	68.5	72.9	75.2	77.4	79.3	80.5	80.8	81.1	81.2	81.5
GE 500	33.7	35.6	43.8	47.8	59.6	65.0	70.1	75.0	77.6	80.1	82.5	84.1	84.6	84.9	85.1	85.4
GE 400	33.8	35.6	43.9	47.9	59.8	65.3	70.6	75.8	78.6	81.6	84.7	87.0	87.6	88.0	88.2	88.7
GE 300	33.8	35.6	43.9	47.9	59.8	65.4	70.8	76.3	79.4	82.6	86.6	89.8	90.9	91.7	92.4	93.4
GE 200	33.8	35.6	43.9	47.9	59.8	65.4	70.8	76.4	79.5	82.9	87.1	90.4	92.1	93.4	94.5	96.6
GE 100	33.8	35.6	43.9	47.9	59.8	65.4	70.8	76.4	79.6	83.0	87.3	90.7	92.5	94.0	95.5	99.7
GE 000	33.8	35.6	43.9	47.9	59.8	65.4	70.8	76.4	79.6	83.0	87.3	90.7	92.5	94.0	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 4144

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB 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	18.5	21.9	29.5	30.1	32.2	32.9	34.9	39.0	39.0	39.0	39.0	39.0	39.0	39.0	39.0	40.4
GE 20000	19.2	22.6	30.1	30.8	32.9	33.6	35.6	39.7	39.7	39.7	39.7	39.7	39.7	39.7	39.7	41.1
GE 18000	21.2	24.7	32.2	32.9	34.9	35.6	37.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	43.2
GE 16000	21.2	24.7	32.2	32.9	34.9	35.6	37.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	43.2
GE 14000	21.2	24.7	32.2	32.9	34.9	35.6	37.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	43.2
GE 12000	21.2	24.7	32.2	32.9	34.9	35.6	37.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	43.2
GE 10000	21.2	24.7	32.2	32.9	34.9	35.6	37.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	43.2
GE 9000	21.2	24.7	32.2	32.9	34.9	35.6	37.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	43.2
GE 8000	21.9	25.3	33.6	34.2	36.3	37.0	39.0	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	45.9
GE 7000	21.9	25.3	33.6	34.2	36.3	37.0	39.0	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	45.9
GE 6000	21.9	25.3	33.6	34.2	36.3	37.0	39.0	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	45.9
GE 5000	21.9	25.3	33.6	34.2	36.3	37.0	39.0	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	45.9
GE 4500	21.9	25.3	33.6	34.2	36.3	37.0	39.0	43.2	44.5	44.5	44.5	44.5	44.5	44.5	44.5	45.9
GE 4000	24.0	27.4	35.6	36.3	38.4	39.0	43.2	47.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	50.0
GE 3500	24.7	28.1	36.3	37.0	39.0	39.7	43.8	47.9	49.3	49.3	49.3	49.3	49.3	49.3	49.3	50.7
GE 3000	26.0	31.5	39.7	40.4	42.5	43.2	47.3	51.4	52.7	52.7	53.4	54.1	54.8	54.8	54.8	56.2
GE 2500	26.0	31.5	39.7	40.4	42.5	45.2	49.3	53.4	54.8	54.8	55.5	56.2	56.8	56.8	56.8	58.2
GE 2000	26.0	31.5	39.7	40.4	44.5	47.3	51.4	55.5	58.2	58.2	58.9	59.6	60.3	60.3	60.3	61.6
GE 1800	26.0	31.5	39.7	40.4	44.5	47.3	51.4	55.5	58.2	58.2	58.9	59.6	60.3	60.3	60.3	61.6
GE 1500	26.7	32.2	40.4	41.1	45.2	48.6	52.7	56.8	61.0	61.0	61.6	62.3	63.0	63.0	63.0	64.4
GE 1200	26.7	32.2	40.4	41.1	45.2	49.3	54.8	58.9	63.0	63.0	63.7	64.4	65.1	65.1	65.1	66.4
GE 1000	26.7	32.2	40.4	41.1	48.6	52.7	58.2	62.3	68.5	68.5	71.9	73.3	74.0	74.0	74.0	75.3
GE 900	26.7	32.2	40.4	41.1	48.6	52.7	58.2	62.3	68.5	68.5	72.6	74.0	74.7	74.7	74.7	76.0
GE 800	26.7	32.2	40.4	41.1	48.6	52.7	58.2	62.3	68.5	68.5	72.6	74.0	74.7	74.7	74.7	76.0
GE 700	26.7	32.2	40.4	41.1	48.6	52.7	58.2	62.3	68.5	68.5	72.6	74.7	75.3	75.3	75.3	76.7
GE 600	26.7	32.2	40.4	41.1	48.6	52.7	58.2	62.3	69.2	69.2	74.7	77.4	78.1	78.1	78.1	79.5
GE 500	26.7	32.2	41.1	41.8	51.4	55.5	61.0	65.1	74.0	74.0	79.5	82.2	82.9	82.9	82.9	84.2
GE 400	26.7	32.2	41.1	41.8	51.4	55.5	61.0	65.1	74.0	74.0	80.1	83.6	84.9	84.9	84.9	86.3
GE 300	26.7	32.2	41.1	41.8	51.4	55.5	61.0	65.1	76.0	78.1	84.2	87.7	89.0	89.0	89.0	92.5
GE 200	26.7	32.2	41.1	41.8	51.4	55.5	61.0	65.1	76.0	78.1	84.2	87.7	89.0	89.7	89.7	97.3
GE 100	26.7	32.2	41.1	41.8	51.4	55.5	61.0	65.1	76.0	78.1	84.2	87.7	89.0	89.7	89.7	97.9
GE 000	26.7	32.2	41.1	41.8	51.4	55.5	61.0	65.1	76.0	78.1	84.2	87.7	89.0	89.7	89.7	100.0

TOTAL NUMBER OF OBSERVATIONS 146

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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
NO CEIL	13.5	14.9	20.9	24.1	29.8	30.5	33.0	35.5	35.5	35.8	35.8	35.8	35.8	35.8	35.8	36.9
GE 20000	14.9	16.3	22.3	25.5	31.2	31.9	34.8	37.2	37.2	37.9	37.9	37.9	37.9	37.9	37.9	39.0
GE 18000	14.9	16.3	22.3	25.5	31.2	31.9	35.1	37.6	37.6	38.3	38.3	38.3	38.3	38.3	38.3	39.4
GE 16000	14.9	16.3	22.3	25.5	31.2	31.9	35.1	37.6	37.6	38.3	38.3	38.3	38.3	38.3	38.3	39.4
GE 14000	14.9	16.3	22.3	25.5	31.2	31.9	35.1	37.6	37.6	38.3	38.3	38.3	38.3	38.3	38.3	39.4
GE 12000	15.2	16.7	22.7	25.9	31.6	32.3	35.5	37.9	37.9	38.7	38.7	38.7	38.7	38.7	38.7	39.7
GE 10000	15.6	17.0	23.8	27.0	32.6	33.3	36.9	39.4	39.4	40.1	40.1	40.1	40.1	40.1	40.1	41.1
GE 9000	15.6	17.0	24.5	27.7	33.3	34.0	37.6	40.1	40.1	40.8	40.8	40.8	40.8	40.8	40.8	41.8
GE 8000	16.0	17.7	25.9	29.4	35.1	35.8	39.7	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	44.3
GE 7000	16.0	17.7	25.9	29.4	35.1	35.8	39.7	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	44.3
GE 6000	16.0	17.7	25.9	29.4	35.1	35.8	39.7	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	44.3
GE 5000	16.0	17.7	25.9	29.4	35.1	35.8	39.7	42.2	42.2	43.3	43.3	43.3	43.3	43.3	43.3	44.3
GE 4500	17.0	18.8	27.0	30.5	36.2	36.9	40.8	43.3	43.3	44.3	44.3	44.3	44.3	44.3	44.3	45.4
GE 4000	17.4	19.1	27.7	31.2	36.9	37.6	42.6	45.0	45.0	46.1	46.1	46.1	46.1	46.1	46.1	47.2
GE 3500	18.1	19.9	28.4	31.9	37.6	38.3	43.3	45.7	45.7	46.8	46.8	46.8	46.8	46.8	46.8	47.9
GE 3000	18.8	20.9	29.8	33.3	39.4	40.1	45.0	47.5	47.9	48.9	50.0	50.4	50.4	50.4	50.4	51.4
GE 2500	18.8	20.9	29.8	33.3	40.4	42.2	47.2	49.6	50.0	51.1	52.1	52.5	52.5	52.8	52.8	53.9
GE 2000	19.9	22.3	31.9	35.8	44.0	46.5	51.4	54.3	54.6	56.0	57.1	57.4	57.4	57.8	57.8	58.9
GE 1800	19.9	22.3	31.9	35.8	44.0	46.5	51.4	54.3	54.6	56.0	57.1	57.4	57.4	57.8	57.8	58.9
GE 1500	19.9	22.3	33.0	36.9	45.7	48.2	53.2	56.0	57.4	58.9	59.9	60.3	60.3	60.6	60.6	61.7
GE 1200	21.3	23.8	34.8	38.7	47.9	50.4	55.3	58.5	60.6	62.1	63.5	63.8	63.8	64.2	64.2	65.2
GE 1000	21.3	23.8	35.5	39.7	51.1	53.5	58.9	62.4	65.6	67.4	69.9	70.6	70.9	71.3	71.3	72.3
GE 900	21.3	23.8	35.5	39.7	51.1	54.3	59.6	63.1	66.7	68.4	70.9	71.6	72.0	72.3	72.3	73.4
GE 800	21.3	23.8	35.5	39.7	51.1	55.0	60.6	64.2	68.1	69.9	73.4	74.1	74.5	74.8	74.8	75.9
GE 700	21.3	23.8	35.5	39.7	52.1	56.0	61.7	65.2	69.1	70.9	74.5	75.2	75.5	75.9	75.9	77.0
GE 600	21.6	24.1	35.8	40.1	52.5	56.7	62.4	66.0	70.6	72.7	77.0	77.7	78.0	78.4	78.4	79.4
GE 500	21.6	24.1	35.8	40.1	53.5	57.8	63.5	67.0	72.3	74.5	78.7	79.4	79.8	80.1	80.1	81.2
GE 400	21.6	24.1	35.8	40.1	53.9	58.5	64.5	69.9	76.6	78.7	83.0	84.4	84.8	85.1	85.1	86.2
GE 300	21.6	24.1	35.8	40.1	53.9	58.9	64.9	70.2	77.3	80.1	84.4	86.5	86.9	87.6	87.6	89.7
GE 200	21.6	24.1	35.8	40.1	53.9	58.9	65.2	70.6	78.0	81.6	86.2	89.4	90.1	91.1	91.5	95.7
GE 100	21.6	24.1	35.8	40.1	53.9	58.9	65.2	70.6	78.0	81.6	86.2	89.4	90.1	91.1	91.5	99.3
GE 000	21.6	24.1	35.8	40.1	53.9	58.9	65.2	70.6	78.0	81.6	86.2	89.4	90.1	91.1	91.5	100.0

TOTAL NUMBER OF OBSERVATIONS 282

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	9.5	9.7	16.4	17.1	22.8	24.2	26.6	29.3	29.7	29.9	30.8	31.0	31.0	31.1	31.1	31.9
GE 20000	9.8	10.0	17.1	18.0	24.2	25.7	28.1	30.8	31.1	31.3	32.2	32.4	32.4	32.6	32.6	33.3
GE 18000	9.8	10.0	17.1	18.0	24.4	25.9	28.2	31.0	31.3	31.5	32.6	32.8	32.8	33.0	33.0	33.7
GE 16000	9.8	10.0	17.1	18.0	24.4	25.9	28.2	31.0	31.3	31.5	32.6	32.8	32.8	33.0	33.0	33.7
GE 14000	10.0	10.2	17.3	18.2	24.6	26.2	28.6	31.3	31.7	31.9	33.0	33.2	33.2	33.3	33.3	34.1
GE 12000	10.0	10.2	17.3	18.2	24.6	26.2	28.6	31.3	31.7	31.9	33.0	33.2	33.2	33.3	33.3	34.1
GE 10000	10.7	10.9	18.4	19.3	25.9	27.5	30.2	33.0	33.3	33.5	34.6	34.8	34.8	35.0	35.0	35.7
GE 9000	10.7	10.9	18.4	19.3	25.9	27.5	30.2	33.0	33.3	33.5	34.6	34.8	34.8	35.0	35.0	35.7
GE 8000	11.7	11.8	19.9	21.1	27.7	29.5	32.4	35.3	35.7	35.9	37.0	37.2	37.2	37.3	37.3	38.3
GE 7000	12.2	12.4	20.4	21.7	28.2	30.1	33.2	36.1	36.4	36.6	37.7	37.9	37.9	38.1	38.1	39.0
GE 6000	12.4	12.6	20.6	21.9	28.4	30.2	33.3	36.2	36.6	36.8	37.9	38.1	38.1	38.3	38.3	39.2
GE 5000	13.3	13.5	21.5	23.0	29.5	31.3	34.4	37.3	37.7	37.9	39.0	39.2	39.2	39.3	39.3	40.3
GE 4500	13.7	13.8	22.2	23.7	30.2	32.1	35.2	38.1	38.4	38.6	39.7	39.9	39.9	40.1	40.1	41.0
GE 4000	15.1	15.3	24.0	25.5	32.1	34.2	37.5	40.4	40.8	41.2	42.3	42.4	42.4	42.6	42.6	43.5
GE 3500	16.0	16.2	25.0	26.4	33.2	35.3	39.0	42.3	42.8	43.2	44.3	44.4	44.4	44.6	44.6	45.5
GE 3000	16.4	16.6	26.2	28.2	36.1	38.3	42.1	45.5	46.4	47.0	48.3	48.6	48.6	48.8	48.8	49.7
GE 2500	16.9	17.1	26.8	28.8	37.0	39.7	43.7	47.4	48.6	49.5	51.0	51.5	51.7	51.9	51.9	52.8
GE 2000	20.6	20.9	31.1	33.5	42.6	45.7	50.3	55.0	56.8	58.3	60.1	61.0	61.2	61.4	61.4	62.3
GE 1800	20.6	20.9	31.1	33.5	42.6	45.7	50.3	55.0	56.8	58.3	60.1	61.0	61.2	61.4	61.4	62.3
GE 1500	21.5	21.9	32.2	34.6	44.3	47.5	52.5	57.2	59.2	60.8	62.8	64.3	64.8	65.0	65.0	65.9
GE 1200	22.8	23.1	33.7	36.2	45.9	49.5	55.0	59.7	61.7	63.4	65.4	66.8	67.4	67.8	67.8	68.7
GE 1000	22.8	23.1	34.8	37.9	48.1	52.3	57.7	62.7	65.0	66.8	69.4	71.4	72.3	72.7	72.7	73.6
GE 900	22.8	23.1	34.8	37.9	48.3	52.6	58.3	63.2	65.6	67.4	69.9	71.9	72.9	73.2	73.2	74.1
GE 800	22.8	23.1	34.8	37.9	48.5	53.2	59.0	63.9	66.8	68.7	71.9	74.0	75.0	75.4	75.4	76.3
GE 700	22.8	23.1	34.8	37.9	48.8	53.7	59.7	64.7	67.6	69.4	72.7	74.7	75.8	76.1	76.1	77.0
GE 600	22.8	23.1	35.0	38.1	49.0	54.3	60.8	66.3	69.9	71.8	75.8	78.0	79.2	79.6	79.6	80.5
GE 500	22.8	23.3	35.3	39.0	50.5	55.9	62.7	68.7	72.9	75.0	79.2	81.6	82.9	83.4	83.4	84.3
GE 400	22.8	23.3	35.3	39.0	50.6	56.5	63.2	69.8	74.5	76.9	81.1	83.6	84.9	85.4	85.4	86.3
GE 300	22.8	23.3	35.5	39.2	51.2	57.2	63.9	71.4	76.3	78.7	83.4	86.9	89.1	90.2	90.3	92.0
GE 200	22.8	23.3	35.5	39.2	51.2	57.2	64.1	71.6	76.5	79.6	84.7	88.2	90.5	91.6	93.1	95.8
GE 100	22.8	23.3	35.5	39.2	51.2	57.2	64.1	71.6	76.5	79.6	84.9	88.3	90.7	92.2	94.4	99.5
GE 000	22.8	23.3	35.5	39.2	51.2	57.2	64.1	71.6	76.5	79.6	84.9	88.3	90.7	92.2	94.4	100.0

TOTAL NUMBER OF OBSERVATIONS 549

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AFB/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	11.2	12.4	17.8	19.5	24.2	26.2	28.6	31.1	32.0	32.7	33.8	34.3	34.5	34.7	34.7	35.2
GE 20000	12.4	13.5	19.0	21.0	26.2	28.4	31.1	33.7	34.5	35.2	36.4	37.2	37.4	37.6	37.6	38.1
GE 18000	12.4	13.5	19.0	21.0	26.2	28.4	31.3	33.8	34.7	35.4	36.5	37.4	37.6	37.7	37.7	38.2
GE 16000	12.4	13.5	19.0	21.0	26.2	28.4	31.3	33.8	34.7	35.4	36.5	37.4	37.6	37.7	37.7	38.2
GE 14000	12.5	13.7	19.1	21.3	26.6	28.8	31.6	34.2	35.0	35.7	36.9	37.7	37.9	38.1	38.1	38.6
GE 12000	12.7	13.9	19.3	21.5	27.1	29.3	32.1	34.7	35.5	36.2	37.4	38.2	38.4	38.6	38.6	39.1
GE 10000	12.7	13.9	19.3	21.5	27.2	29.4	32.3	34.9	35.7	36.4	37.6	38.6	38.7	38.9	38.9	39.4
GE 9000	13.2	14.4	19.8	22.0	27.9	30.3	33.2	35.7	36.5	37.2	38.4	39.4	39.6	39.8	39.8	40.3
GE 8000	14.4	15.6	21.0	23.2	29.1	31.6	34.5	37.1	38.2	38.9	40.3	41.3	41.5	41.6	41.6	42.1
GE 7000	15.9	17.1	22.5	24.7	30.6	33.2	36.2	38.7	39.9	40.6	42.0	43.0	43.1	43.3	43.3	43.8
GE 6000	15.9	17.1	22.5	24.7	30.6	33.2	36.2	38.7	39.9	40.6	42.1	43.1	43.3	43.5	43.5	44.0
GE 5000	16.9	18.3	23.7	25.9	31.8	34.3	37.4	39.9	41.1	42.0	43.5	44.5	44.7	44.8	44.8	45.3
GE 4500	16.9	18.3	23.7	26.1	32.1	34.7	37.7	40.3	41.5	42.3	43.8	44.8	45.0	45.2	45.2	45.7
GE 4000	18.3	19.6	25.7	28.1	34.3	37.6	40.6	43.1	44.3	45.2	46.7	47.7	47.9	48.1	48.1	48.6
GE 3500	18.8	20.1	26.6	29.3	35.5	38.7	42.3	45.0	46.2	47.2	48.7	49.7	49.9	50.1	50.1	50.6
GE 3000	20.3	21.7	28.8	31.5	38.7	42.1	45.7	48.6	50.1	51.3	53.3	54.8	55.0	55.2	55.2	55.7
GE 2500	21.5	22.8	30.1	32.8	40.3	43.8	47.4	50.4	51.9	53.1	55.5	57.2	57.4	57.5	57.5	58.0
GE 2000	23.9	25.2	33.3	36.0	44.2	48.1	51.9	55.7	58.2	59.6	62.1	64.3	64.5	64.6	64.8	65.3
GE 1800	23.9	25.2	33.3	36.0	44.5	48.6	52.5	56.2	58.7	60.1	62.6	64.8	65.0	65.3	65.5	66.0
GE 1500	25.2	26.7	35.0	37.9	47.0	51.4	55.5	59.6	62.3	64.3	67.2	69.5	69.7	70.1	70.2	70.7
GE 1200	25.5	27.1	35.7	38.7	48.1	52.6	56.9	60.9	63.6	65.7	68.5	70.9	71.1	71.4	71.6	72.1
GE 1000	25.9	27.4	36.2	39.3	49.1	54.0	58.7	62.9	66.0	68.0	71.1	73.6	74.5	74.8	75.0	75.5
GE 900	26.2	27.7	36.7	39.8	49.6	54.5	59.2	63.6	66.7	68.9	72.3	75.0	75.8	76.1	76.3	76.8
GE 800	26.4	27.9	36.9	39.9	49.7	54.8	59.9	64.8	68.2	70.6	74.5	77.5	78.5	78.8	79.0	79.5
GE 700	26.4	27.9	36.9	39.9	49.9	55.2	60.4	65.3	69.0	71.6	76.0	79.4	80.4	80.7	80.9	81.4
GE 600	26.4	27.9	36.9	39.9	49.9	55.2	60.4	65.8	69.7	72.8	77.5	81.0	82.1	82.4	82.6	83.1
GE 500	26.4	27.9	36.9	40.1	50.4	56.7	62.4	68.5	73.3	77.2	82.6	86.5	88.0	88.5	88.7	89.2
GE 400	26.4	27.9	36.9	40.3	50.9	57.2	62.9	69.0	73.9	78.0	83.9	87.8	89.3	89.8	90.0	90.5
GE 300	26.4	27.9	36.9	40.3	50.9	57.2	63.1	69.5	74.6	79.0	85.3	89.8	91.7	92.2	92.9	95.1
GE 200	26.4	27.9	36.9	40.3	50.9	57.2	63.1	69.5	74.6	79.0	85.3	89.8	91.7	92.4	94.2	97.1
GE 100	26.4	27.9	36.9	40.3	50.9	57.2	63.1	69.5	74.6	79.0	85.4	90.2	92.0	92.7	94.8	100.0
GE 000	26.4	27.9	36.9	40.3	50.9	57.2	63.1	69.5	74.6	79.0	85.4	90.2	92.0	92.7	94.8	100.0

TOTAL NUMBER OF OBSERVATIONS 591

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: FEB 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	13.9	15.1	20.4	23.3	28.2	30.2	32.3	33.3	34.5	35.0	35.1	35.1	35.3	35.3	35.3	35.3
GE 20000	15.6	16.8	22.2	25.1	30.4	32.6	35.0	36.0	37.2	37.7	37.9	37.9	38.0	38.0	38.0	38.0
GE 18000	15.8	17.0	22.4	25.3	30.6	32.8	35.1	36.2	37.4	37.9	38.0	38.0	38.2	38.2	38.2	38.2
GE 16000	15.8	17.0	22.4	25.3	30.6	32.8	35.1	36.2	37.4	37.9	38.0	38.0	38.2	38.2	38.2	38.2
GE 14000	16.1	17.3	22.8	25.6	30.9	33.1	35.5	36.5	37.7	38.2	38.4	38.4	38.5	38.5	38.5	38.5
GE 12000	16.8	18.0	23.4	26.3	31.6	33.8	36.2	37.4	38.5	39.0	39.2	39.2	39.4	39.4	39.4	39.4
GE 10000	17.3	18.5	23.9	26.8	32.1	34.3	36.8	38.0	39.2	39.7	39.9	39.9	40.1	40.1	40.1	40.1
GE 9000	17.5	18.7	24.6	27.7	32.9	35.3	37.9	39.0	40.2	40.7	40.9	40.9	41.1	41.1	41.1	41.1
GE 8000	19.9	21.2	27.7	31.1	36.5	39.0	41.6	42.8	44.0	44.5	45.2	45.2	45.3	45.3	45.3	45.3
GE 7000	20.4	21.7	28.2	31.6	37.2	39.7	42.3	43.5	44.7	45.2	45.8	45.8	46.0	46.0	46.0	46.0
GE 6000	20.5	22.1	28.5	31.9	37.5	40.1	42.6	43.8	45.0	45.5	46.2	46.2	46.3	46.3	46.3	46.3
GE 5000	22.2	23.8	30.2	33.6	39.2	41.9	44.5	45.7	46.9	47.4	48.0	48.0	48.2	48.2	48.2	48.2
GE 4500	22.2	23.8	30.2	33.6	39.2	41.9	44.5	45.7	46.9	47.4	48.0	48.0	48.2	48.2	48.2	48.2
GE 4000	24.1	25.6	32.8	36.3	42.4	45.3	48.4	49.6	50.8	51.3	52.3	52.3	52.5	52.5	52.5	52.5
GE 3500	24.8	26.3	33.6	37.2	43.6	46.5	49.6	50.8	52.0	52.5	53.5	53.5	53.7	53.7	53.7	53.7
GE 3000	30.6	32.3	39.9	44.0	51.3	54.3	57.7	59.6	61.3	62.0	63.0	63.0	63.2	63.2	63.2	63.2
GE 2500	31.1	32.9	40.9	45.0	52.3	55.3	58.7	60.6	62.3	63.0	64.0	64.0	64.2	64.2	64.2	64.2
GE 2000	34.1	36.2	44.3	48.7	56.2	60.4	64.2	66.6	68.3	68.9	70.5	70.6	70.8	70.8	70.8	70.8
GE 1800	34.3	36.3	45.2	49.6	57.6	61.8	65.5	67.9	69.6	70.3	71.8	72.0	72.2	72.2	72.2	72.2
GE 1500	35.0	37.0	46.0	50.6	59.1	64.3	68.3	70.6	72.3	73.0	75.2	75.4	75.6	75.6	75.6	75.6
GE 1200	35.3	37.4	46.3	51.1	59.9	65.4	69.3	71.6	73.3	74.2	76.4	76.6	76.7	76.7	76.7	76.7
GE 1000	36.5	38.5	48.2	53.3	63.5	69.8	74.2	76.7	78.9	80.3	82.7	82.9	83.0	83.0	83.0	83.0
GE 900	36.5	38.5	48.2	53.3	63.5	70.1	74.5	77.1	79.3	81.2	83.7	83.9	84.0	84.0	84.0	84.0
GE 800	36.5	38.5	48.4	53.5	63.7	70.5	75.4	77.9	80.8	83.0	85.6	85.7	86.1	86.1	86.1	86.1
GE 700	36.5	38.5	48.4	53.8	64.0	71.0	75.9	78.4	81.3	83.5	86.1	86.2	86.6	86.6	86.6	86.6
GE 600	36.5	38.5	48.6	54.0	64.7	71.8	76.7	79.8	83.0	85.6	88.8	89.3	89.6	89.6	89.6	89.6
GE 500	36.8	38.9	48.9	54.3	65.5	73.3	78.3	81.3	85.1	88.1	91.5	92.2	92.7	92.7	92.7	92.7
GE 400	36.8	38.9	48.9	54.5	65.9	73.9	78.8	81.8	85.7	88.8	92.4	93.4	93.9	93.9	93.9	93.9
GE 300	36.8	38.9	48.9	54.5	65.9	73.9	78.8	82.0	86.2	89.3	93.2	94.2	95.2	95.6	96.3	96.6
GE 200	36.8	38.9	48.9	54.5	65.9	73.9	78.8	82.0	86.2	89.3	93.2	94.2	95.9	96.3	97.1	97.5
GE 100	36.8	38.9	48.9	54.5	65.9	73.9	78.8	82.2	86.4	89.5	93.4	94.4	96.1	97.1	98.1	100.0
GE 000	36.8	38.9	48.9	54.5	65.9	73.9	78.8	82.2	86.4	89.5	93.4	94.4	96.1	97.1	98.1	100.0

TOTAL NUMBER OF OBSERVATIONS 589

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	18.2	19.6	24.0	26.7	33.7	34.7	36.1	37.0	37.4	37.9	38.4	38.4	38.4	38.4	38.4	38.8
GE 20000	20.7	22.1	27.5	30.5	38.4	39.5	40.9	41.8	42.1	42.6	43.2	43.2	43.2	43.2	43.2	43.5
GE 18000	21.1	22.5	28.1	31.1	39.1	40.2	41.6	42.5	42.8	43.3	43.9	43.9	43.9	43.9	43.9	44.2
GE 16000	21.1	22.5	28.1	31.1	39.1	40.2	41.6	42.5	42.8	43.3	43.9	43.9	43.9	43.9	43.9	44.2
GE 14000	21.2	22.6	28.2	31.2	39.3	40.4	41.8	42.6	43.0	43.5	44.0	44.0	44.0	44.0	44.0	44.4
GE 12000	21.4	23.0	28.6	31.8	39.8	40.9	42.3	43.2	43.5	44.0	44.6	44.6	44.6	44.6	44.6	44.9
GE 10000	22.6	24.2	30.0	33.3	41.8	42.8	44.2	45.1	45.4	46.0	46.5	46.5	46.5	46.5	46.5	46.8
GE 9000	23.7	25.3	31.1	34.4	42.8	43.9	45.3	46.1	46.5	47.0	47.5	47.5	47.5	47.5	47.5	47.9
GE 8000	25.1	26.8	33.3	36.8	45.6	46.7	48.1	48.9	49.3	50.0	50.9	50.9	50.9	50.9	50.9	51.2
GE 7000	26.0	27.7	34.4	37.9	47.2	48.2	49.6	50.5	51.1	51.8	52.6	52.6	52.6	52.6	52.6	53.0
GE 6000	26.1	27.9	34.6	38.1	47.4	48.4	49.8	50.7	51.4	52.1	53.0	53.0	53.0	53.0	53.0	53.3
GE 5000	26.8	28.6	35.4	38.9	48.4	49.5	50.9	52.1	52.8	53.5	54.4	54.4	54.4	54.4	54.4	54.7
GE 4500	26.8	28.6	35.6	39.1	48.6	49.6	51.1	52.3	53.0	53.7	54.6	54.6	54.6	54.6	54.6	54.9
GE 4000	29.1	30.9	38.4	42.3	52.3	53.7	55.3	56.5	57.2	57.9	58.8	58.8	58.8	58.8	58.8	59.1
GE 3500	30.4	32.1	39.6	43.5	53.5	54.9	56.5	57.7	58.4	59.1	60.0	60.0	60.0	60.0	60.0	60.4
GE 3000	34.2	36.1	44.7	49.6	60.0	61.6	63.3	64.6	65.3	66.7	67.9	67.9	68.1	68.1	68.1	68.4
GE 2500	35.4	37.5	46.1	51.1	61.6	63.3	65.3	66.7	67.5	68.9	70.2	70.4	70.5	70.5	70.5	70.9
GE 2000	38.1	40.4	49.5	55.1	66.7	68.9	70.9	72.3	73.2	74.6	75.8	76.0	76.1	76.1	76.1	76.5
GE 1800	38.1	40.4	49.6	55.3	67.0	69.3	71.2	72.6	73.5	74.9	76.5	76.7	76.8	76.8	76.8	77.2
GE 1500	38.8	41.1	51.1	56.7	68.6	70.9	73.0	74.6	75.8	77.2	79.5	79.6	79.8	79.8	79.8	80.2
GE 1200	39.3	41.6	51.8	57.4	69.5	71.8	74.0	75.6	77.7	79.5	81.8	81.9	82.1	82.1	82.1	82.5
GE 1000	40.2	42.5	52.8	58.4	71.1	73.5	77.2	79.1	81.2	83.2	85.6	86.3	86.5	86.5	86.5	86.8
GE 900	40.2	42.5	52.8	58.4	71.1	73.5	77.2	79.1	81.2	83.3	85.8	86.5	86.7	86.7	86.7	87.0
GE 800	40.2	42.5	52.8	58.4	71.1	74.0	77.9	80.7	82.8	85.3	87.9	88.6	88.8	88.8	88.8	89.1
GE 700	40.2	42.5	53.0	58.8	71.6	74.6	78.4	81.2	83.3	86.0	89.1	89.8	90.0	90.2	90.2	90.5
GE 600	40.2	42.5	53.0	58.8	72.1	75.1	78.9	82.3	85.4	88.1	91.6	92.3	92.5	92.6	92.6	93.0
GE 500	40.2	42.5	53.2	58.9	72.6	76.1	80.0	83.7	87.0	90.5	94.2	94.9	95.1	95.3	95.3	95.6
GE 400	40.2	42.5	53.2	58.9	72.6	76.1	80.4	84.0	87.5	91.1	94.7	95.4	95.6	96.0	96.0	96.3
GE 300	40.2	42.5	53.2	58.9	72.6	76.1	80.4	84.2	87.9	91.4	95.1	96.0	96.5	96.8	96.8	97.7
GE 200	40.2	42.5	53.2	58.9	72.6	76.1	80.4	84.2	87.9	91.4	95.1	96.1	97.2	97.7	97.7	98.9
GE 100	40.2	42.5	53.2	58.9	72.6	76.1	80.4	84.2	87.9	91.4	95.1	96.1	97.2	97.7	97.7	100.0
GE 000	40.2	42.5	53.2	58.9	72.6	76.1	80.4	84.2	87.9	91.4	95.1	96.1	97.2	97.7	97.7	100.0

TOTAL NUMBER OF OBSERVATIONS 570

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: FEB 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	19.3	20.3	26.9	28.4	33.9	35.4	37.5	39.2	39.2	39.6	39.8	40.0	40.0	40.0	40.0	41.1
GE 20000	22.0	22.9	30.7	32.2	37.9	39.4	41.5	43.6	43.6	43.9	44.1	44.3	44.3	44.3	44.3	45.5
GE 18000	22.5	23.5	31.3	32.8	38.4	40.0	42.0	44.1	44.1	44.5	44.7	44.9	44.9	44.9	44.9	46.0
GE 16000	22.5	23.5	31.3	32.8	38.4	40.0	42.0	44.1	44.1	44.5	44.7	44.9	44.9	44.9	44.9	46.0
GE 14000	22.5	23.5	31.3	32.8	38.4	40.0	42.0	44.1	44.1	44.5	44.7	44.9	44.9	44.9	44.9	46.0
GE 12000	22.5	23.7	31.4	33.0	38.6	40.2	42.2	44.3	44.3	44.7	44.9	45.1	45.1	45.1	45.1	46.2
GE 10000	22.5	23.7	31.4	33.1	38.8	40.3	42.4	44.5	44.5	44.9	45.1	45.3	45.3	45.3	45.3	46.4
GE 9000	22.5	23.7	31.4	33.5	39.2	40.7	42.8	44.9	44.9	45.3	45.5	45.6	45.6	45.6	45.6	46.8
GE 8000	24.4	25.8	33.9	36.0	41.9	43.4	45.5	48.1	48.1	49.1	49.2	49.4	49.4	49.4	49.4	50.6
GE 7000	24.8	26.1	34.3	36.6	42.4	43.9	46.0	48.7	48.7	49.6	49.8	50.0	50.0	50.0	50.0	51.1
GE 6000	24.8	26.1	34.3	36.6	42.4	43.9	46.0	48.7	48.7	49.6	49.8	50.0	50.0	50.0	50.0	51.1
GE 5000	25.2	26.5	35.2	37.5	43.4	44.9	47.0	49.6	50.2	51.1	51.3	51.5	51.5	51.5	51.5	52.7
GE 4500	25.6	26.9	36.4	38.6	44.5	46.0	48.1	50.8	51.3	52.3	52.5	52.7	52.7	52.7	52.7	53.8
GE 4000	26.5	27.8	37.5	39.8	45.8	47.3	49.4	52.1	52.7	53.6	54.0	54.2	54.2	54.2	54.2	55.3
GE 3500	26.9	28.2	37.9	40.2	46.8	48.3	50.4	53.0	53.6	54.5	54.9	55.1	55.1	55.1	55.1	56.3
GE 3000	28.8	30.3	40.7	43.6	51.3	53.0	55.3	58.1	58.7	59.7	61.0	61.2	61.2	61.2	61.2	62.3
GE 2500	29.7	31.3	41.7	44.7	53.0	55.1	57.6	60.4	61.0	61.9	63.3	63.4	63.4	63.4	63.4	64.6
GE 2000	31.6	33.1	44.3	48.1	58.1	61.0	63.8	66.9	68.0	68.9	70.6	70.8	70.8	70.8	70.8	72.0
GE 1800	32.2	33.7	44.9	48.7	58.7	61.6	64.4	67.4	68.6	69.5	71.2	71.4	71.4	71.4	71.4	72.5
GE 1500	32.6	34.1	46.2	50.2	60.4	63.4	67.0	70.1	72.0	72.9	76.1	76.3	76.3	76.3	76.3	77.5
GE 1200	33.3	34.8	47.3	51.7	62.1	65.3	69.5	72.5	75.0	75.9	79.9	80.1	80.1	80.1	80.1	81.3
GE 1000	34.1	35.6	48.3	52.7	63.3	66.5	72.0	75.0	77.5	78.4	82.6	83.0	83.5	83.5	83.5	84.7
GE 900	34.5	36.0	48.7	53.0	64.0	67.4	72.9	75.9	78.4	79.4	83.5	83.9	84.5	84.5	84.5	85.6
GE 800	34.8	36.4	49.1	53.4	65.2	68.9	74.4	77.5	79.9	81.1	85.2	85.6	86.6	86.6	86.6	87.7
GE 700	34.8	36.4	49.2	54.0	66.1	69.9	75.4	78.6	81.1	82.2	86.4	86.7	87.7	87.7	87.7	88.8
GE 600	34.8	36.4	49.2	54.0	66.1	69.9	75.4	78.8	81.3	82.8	87.3	87.9	89.0	89.2	89.2	90.3
GE 500	34.8	36.4	49.6	54.4	66.7	70.6	76.1	80.1	82.6	84.1	88.6	89.4	91.3	91.5	91.5	92.6
GE 400	34.8	36.4	49.6	54.4	66.7	70.6	76.1	80.3	83.0	84.5	89.0	90.3	92.2	93.0	93.0	94.1
GE 300	34.8	36.4	49.6	54.4	66.7	70.6	76.1	80.3	83.0	84.7	89.2	90.5	92.4	93.2	93.6	95.6
GE 200	34.8	36.4	49.6	54.4	66.7	70.6	76.1	80.3	83.0	84.7	89.2	90.7	93.9	94.7	95.1	97.9
GE 100	34.8	36.4	49.6	54.4	66.7	70.6	76.1	80.3	83.0	84.7	89.2	90.7	93.9	95.3	95.6	99.8
GE 000	34.8	36.4	49.6	54.4	66.9	70.8	76.3	80.5	83.1	84.8	89.4	90.9	94.1	95.5	95.8	100.0

TOTAL NUMBER OF OBSERVATIONS 528

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	22.1	24.6	32.0	33.9	38.5	39.6	40.2	42.6	43.7	44.5	45.1	45.6	45.6	45.6	45.9	46.7
GE 20000	23.5	26.2	34.2	36.1	40.7	41.8	42.3	45.4	46.7	47.5	48.1	48.6	48.6	48.6	48.9	49.7
GE 18000	24.0	26.8	34.7	36.6	41.3	42.3	42.9	45.9	47.3	48.1	48.6	49.2	49.2	49.2	49.5	50.3
GE 16000	24.0	26.8	34.7	36.6	41.3	42.3	42.9	45.9	47.3	48.1	48.6	49.2	49.2	49.2	49.5	50.3
GE 14000	24.0	26.8	34.7	36.6	41.3	42.3	42.9	45.9	47.3	48.1	48.6	49.2	49.2	49.2	49.5	50.3
GE 12000	24.0	26.8	34.7	36.6	41.3	42.3	42.9	45.9	47.3	48.1	48.6	49.2	49.2	49.2	49.5	50.3
GE 10000	24.0	26.8	34.7	36.6	41.3	42.3	42.9	45.9	47.3	48.1	48.6	49.2	49.2	49.2	49.5	50.3
GE 9000	24.0	26.8	34.7	36.6	41.3	42.3	42.9	45.9	47.3	48.1	48.6	49.2	49.2	49.2	49.5	50.3
GE 8000	25.7	28.4	36.3	38.3	43.2	44.3	44.8	47.8	49.2	50.3	50.8	51.4	51.4	51.6	51.9	52.7
GE 7000	25.7	28.4	36.3	38.3	43.2	44.3	44.8	47.8	49.2	50.3	50.8	51.4	51.4	51.6	51.9	52.7
GE 6000	26.0	28.7	36.6	38.5	43.4	44.5	45.1	48.1	49.5	50.5	51.1	51.6	51.6	51.9	52.2	53.0
GE 5000	26.0	28.7	36.6	38.5	43.7	44.8	45.4	48.4	50.5	51.6	52.2	52.7	52.7	53.0	53.3	54.1
GE 4500	26.5	29.2	37.4	39.3	45.1	46.2	46.7	49.7	51.9	53.0	53.6	54.1	54.1	54.4	54.6	55.5
GE 4000	27.3	30.3	39.1	41.0	47.0	48.9	49.5	52.5	54.6	55.7	56.3	56.8	56.8	57.1	57.4	58.2
GE 3500	27.6	30.6	39.3	41.3	47.8	49.7	50.3	53.3	55.5	56.6	57.1	57.7	57.7	57.9	58.2	59.0
GE 3000	29.8	33.1	42.3	44.3	51.1	53.0	53.6	56.6	59.0	60.1	61.7	62.3	62.3	62.6	62.8	63.7
GE 2500	30.1	33.3	42.6	44.5	51.6	54.4	55.2	58.2	60.7	61.7	63.4	63.9	63.9	64.2	64.5	65.3
GE 2000	31.4	34.7	44.0	46.2	54.1	56.8	57.7	60.9	63.4	64.5	66.7	67.2	67.2	67.5	67.8	68.6
GE 1800	32.0	35.2	44.5	47.0	54.9	57.7	58.5	61.7	64.2	65.3	67.5	68.0	68.0	68.3	68.6	69.4
GE 1500	33.1	36.3	46.2	49.2	59.0	62.3	64.2	67.8	70.5	71.6	74.9	75.7	75.7	76.0	76.2	77.0
GE 1200	33.3	36.9	46.7	50.3	60.9	64.5	66.4	69.9	73.5	74.6	77.9	78.7	78.7	79.0	79.2	80.1
GE 1000	33.9	37.4	47.3	51.1	61.7	65.3	68.3	71.9	76.8	77.9	81.7	83.3	83.3	83.6	83.9	84.7
GE 900	33.9	37.4	47.8	51.6	62.8	66.7	69.7	73.2	78.4	79.5	83.6	85.2	85.2	85.5	85.8	86.6
GE 800	33.9	37.4	47.8	51.6	62.8	67.2	70.2	73.8	79.0	80.1	84.2	85.8	85.8	86.1	86.3	87.2
GE 700	33.9	37.4	47.8	51.6	62.8	67.2	70.5	74.3	79.5	80.6	85.0	86.6	86.6	86.9	87.2	88.0
GE 600	33.9	37.4	47.8	51.6	62.8	67.2	70.5	74.3	79.5	80.6	85.5	87.2	87.2	87.7	88.0	88.8
GE 500	33.9	37.4	48.4	52.2	63.7	68.0	71.3	75.1	80.6	81.7	87.2	88.8	88.8	89.3	89.6	90.4
GE 400	33.9	37.4	48.4	52.2	63.7	68.0	71.3	75.1	80.9	82.2	87.7	90.4	90.4	91.5	91.8	92.6
GE 300	33.9	37.4	48.4	52.2	63.7	68.0	71.3	75.1	81.1	82.5	88.3	91.3	91.3	92.3	93.2	94.3
GE 200	33.9	37.4	48.4	52.2	63.7	68.0	71.3	75.1	81.1	82.5	88.3	91.5	91.5	93.7	94.5	97.0
GE 100	33.9	37.4	48.4	52.2	63.7	68.0	71.3	75.1	81.1	82.5	88.3	91.5	91.5	94.3	95.6	100.0
GE 000	33.9	37.4	48.4	52.2	63.7	68.0	71.3	75.1	81.1	82.5	88.3	91.5	91.5	94.3	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 366

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	15.2	16.5	22.5	24.4	29.7	31.2	33.1	35.1	35.7	36.2	36.7	36.9	36.9	37.0	37.0	37.6
GE 20000	16.8	18.1	24.5	26.6	32.3	33.9	35.9	38.0	38.6	39.1	39.6	39.9	39.9	40.0	40.0	40.7
GE 18000	17.1	18.4	24.9	27.0	32.7	34.2	36.4	38.5	39.0	39.5	40.1	40.3	40.4	40.5	40.5	41.1
GE 16000	17.1	18.4	24.9	27.0	32.7	34.2	36.4	38.5	39.0	39.5	40.1	40.3	40.4	40.5	40.5	41.1
GE 14000	17.3	18.6	25.0	27.1	32.9	34.4	36.6	38.7	39.2	39.7	40.3	40.5	40.6	40.7	40.7	41.3
GE 12000	17.5	18.8	25.2	27.4	33.2	34.8	36.9	39.0	39.6	40.1	40.7	40.9	41.0	41.0	41.0	41.7
GE 10000	17.9	19.2	25.8	28.0	33.9	35.5	37.7	39.9	40.4	40.9	41.5	41.8	41.8	41.9	41.9	42.5
GE 9000	18.1	19.5	26.2	28.5	34.5	36.1	38.3	40.4	41.0	41.5	42.1	42.3	42.4	42.4	42.5	43.1
GE 8000	19.6	21.0	28.2	30.6	36.7	38.4	40.7	42.9	43.6	44.3	45.0	45.3	45.3	45.4	45.5	46.1
GE 7000	20.2	21.7	28.8	31.3	37.5	39.2	41.5	43.8	44.5	45.2	45.9	46.1	46.2	46.3	46.3	47.0
GE 6000	20.3	21.8	28.9	31.4	37.6	39.3	41.7	43.9	44.7	45.3	46.1	46.3	46.4	46.5	46.5	47.2
GE 5000	21.0	22.6	29.8	32.3	38.6	40.3	42.7	45.0	45.9	46.6	47.3	47.6	47.6	47.7	47.7	48.4
GE 4500	21.3	22.8	30.3	32.8	39.2	40.9	43.2	45.5	46.5	47.1	47.9	48.2	48.2	48.3	48.3	49.0
GE 4000	22.7	24.3	32.2	34.9	41.5	43.5	46.1	48.4	49.4	50.1	50.9	51.2	51.2	51.3	51.3	52.0
GE 3500	23.4	25.0	33.0	35.7	42.5	44.5	47.3	49.7	50.6	51.4	52.2	52.5	52.6	52.6	52.7	53.3
GE 3000	25.9	27.6	36.3	39.4	47.0	49.2	52.1	54.7	55.8	56.8	58.1	58.6	58.7	58.8	58.8	59.5
GE 2500	26.6	28.4	37.2	40.3	48.2	50.8	53.8	56.5	57.7	58.7	60.2	60.7	60.8	61.0	61.0	61.6
GE 2000	28.9	30.9	40.2	43.7	52.5	55.6	58.9	62.0	63.7	64.8	66.5	67.2	67.3	67.4	67.5	68.2
GE 1800	29.1	31.0	40.5	44.0	53.0	56.1	59.4	62.5	64.2	65.3	67.1	67.8	67.9	68.0	68.1	68.8
GE 1500	29.9	31.8	41.7	45.4	55.0	58.5	62.1	65.3	67.4	68.7	71.1	71.9	72.1	72.2	72.3	72.9
GE 1200	30.5	32.5	42.6	46.5	56.3	60.0	63.9	67.1	69.5	70.9	73.4	74.3	74.5	74.6	74.7	75.3
GE 1000	31.1	33.1	43.6	47.6	58.2	62.2	66.9	70.3	73.2	74.7	77.7	78.9	79.3	79.5	79.6	80.2
GE 900	31.2	33.2	43.7	47.8	58.5	62.8	67.4	70.9	73.8	75.5	78.6	79.8	80.3	80.4	80.5	81.2
GE 800	31.3	33.3	43.9	47.9	58.8	63.4	68.3	71.9	75.1	77.0	80.4	81.7	82.3	82.4	82.5	83.2
GE 700	31.3	33.3	43.9	48.1	59.2	63.9	68.9	72.6	75.9	77.7	81.4	82.7	83.3	83.5	83.6	84.2
GE 600	31.3	33.3	44.0	48.2	59.5	64.3	69.3	73.4	77.1	79.2	83.4	84.9	85.6	85.8	85.9	86.5
GE 500	31.3	33.4	44.3	48.6	60.4	65.6	70.7	75.1	79.3	81.9	86.3	87.8	88.8	89.1	89.2	89.8
GE 400	31.3	33.4	44.3	48.6	60.6	65.9	71.1	75.8	80.3	82.9	87.5	89.5	90.4	90.9	90.9	91.6
GE 300	31.3	33.4	44.3	48.7	60.6	66.0	71.3	76.2	81.0	83.8	88.6	91.0	92.2	92.8	93.2	94.8
GE 200	31.3	33.4	44.3	48.7	60.6	66.0	71.3	76.2	81.1	84.1	88.9	91.5	93.2	94.0	94.8	97.3
GE 100	31.3	33.4	44.3	48.7	60.6	66.0	71.3	76.2	81.1	84.1	89.0	91.6	93.3	94.4	95.5	99.8
GE 000	31.3	33.4	44.3	48.7	60.7	66.0	71.4	76.3	81.1	84.1	89.0	91.6	93.3	94.4	95.5	100.0

TOTAL NUMBER OF OBSERVATIONS 3621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	31.1	32.8	33.9	39.0	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	32.8	35.0	36.2	42.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 19000	32.8	35.0	36.2	42.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 16000	32.8	35.0	36.2	42.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 14000	32.8	35.0	36.2	42.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 12000	32.8	35.0	36.2	42.4	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
GE 10000	33.9	36.2	37.3	43.5	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 9000	33.9	36.2	37.3	43.5	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 8000	34.5	36.7	37.9	44.1	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0	52.0
GE 7000	36.7	39.0	40.1	46.3	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	37.3	39.5	40.7	46.9	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 5000	37.9	40.1	42.4	48.6	56.5	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	37.9	40.1	42.4	48.6	56.5	56.5	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 4000	40.1	42.4	45.2	52.5	60.5	61.6	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1	62.1
GE 3500	41.8	44.1	46.9	54.2	63.8	65.0	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 3000	44.1	46.3	52.0	59.3	70.1	71.2	71.8	71.8	72.9	72.9	72.9	72.9	72.9	72.9	73.4	73.4
GE 2500	44.1	46.3	52.0	59.3	70.1	71.2	71.8	71.8	72.9	72.9	72.9	72.9	72.9	72.9	73.4	73.4
GE 2000	45.8	48.0	55.4	62.7	73.4	76.8	77.4	77.4	80.8	80.8	80.8	80.8	80.8	81.4	81.9	82.5
GE 1800	45.8	48.0	55.4	62.7	73.4	76.8	77.4	78.0	81.4	81.4	81.4	81.4	81.4	81.9	82.5	83.1
GE 1500	48.0	50.8	58.2	65.5	76.3	79.7	81.4	83.1	86.4	88.1	88.1	88.1	88.1	88.7	89.3	89.8
GE 1200	48.6	51.4	58.8	66.1	77.4	80.8	83.1	85.9	89.3	91.5	91.5	91.5	91.5	92.1	92.7	93.2
GE 1000	48.6	51.4	58.8	66.1	77.4	80.8	83.1	88.1	92.7	94.9	94.9	94.9	94.9	95.5	96.0	96.6
GE 900	48.6	51.4	58.8	66.1	77.4	80.8	83.1	88.1	92.7	94.9	94.9	94.9	94.9	95.5	96.0	96.6
GE 800	48.6	51.4	58.8	66.1	77.4	80.8	83.1	88.1	92.7	94.9	94.9	94.9	94.9	95.5	96.0	96.6
GE 700	48.6	51.4	58.8	66.7	78.0	81.4	83.6	88.7	93.2	95.5	95.5	95.5	95.5	96.0	96.6	97.2
GE 600	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.0	95.5	97.7	97.7	97.7	97.7	98.3	98.9	99.4
GE 500	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.5	96.0	98.3	98.3	98.3	98.3	98.9	99.4	100.0
GE 400	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.5	96.0	98.3	98.3	98.3	98.3	98.9	99.4	100.0
GE 300	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.5	96.0	98.3	98.3	98.3	98.3	98.9	99.4	100.0
GE 200	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.5	96.0	98.3	98.3	98.3	98.3	98.9	99.4	100.0
GE 100	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.5	96.0	98.3	98.3	98.3	98.3	98.9	99.4	100.0
GE 000	48.6	51.4	58.8	66.7	78.5	81.9	84.2	91.5	96.0	98.3	98.3	98.3	98.3	98.9	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 177

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	23.1	24.0	27.5	31.3	40.4	41.8	42.1	43.0	43.0	43.0	43.3	43.3	43.6	44.2	44.4	44.4
GE 20000	24.3	25.1	29.2	33.0	43.6	45.0	45.3	46.5	46.5	46.5	46.8	46.8	47.1	47.7	48.0	48.0
GE 18000	24.3	25.1	29.2	33.0	43.6	45.0	45.3	46.5	46.5	46.5	46.8	46.8	47.1	47.7	48.0	48.0
GE 16000	24.3	25.1	29.2	33.0	43.6	45.0	45.3	46.5	46.5	46.5	46.8	46.8	47.1	47.7	48.0	48.0
GE 14000	24.3	25.1	29.2	33.0	43.6	45.0	45.3	46.5	46.5	46.5	46.8	46.8	47.1	47.7	48.0	48.0
GE 12000	24.6	25.4	29.8	33.6	44.4	45.9	46.2	47.4	47.4	47.4	47.7	47.7	48.0	48.5	48.8	48.8
GE 10000	24.9	25.7	30.1	33.9	44.7	46.2	46.5	47.7	47.7	47.7	48.0	48.0	48.2	48.8	49.1	49.1
GE 9000	24.9	26.0	30.4	34.2	45.0	46.5	46.8	48.2	48.2	48.2	48.5	48.5	48.8	49.4	49.7	49.7
GE 8000	25.7	26.9	31.3	35.1	46.8	48.2	48.5	50.0	50.0	50.0	50.3	50.3	50.6	51.2	51.5	51.5
GE 7000	26.0	27.2	31.6	35.4	47.1	48.5	48.8	50.3	50.3	50.3	50.6	50.6	50.9	51.5	51.8	51.8
GE 6000	26.3	27.5	31.9	35.7	47.4	48.8	49.1	50.6	50.6	50.6	50.9	50.9	51.2	51.8	52.0	52.0
GE 5000	26.6	27.8	32.2	36.0	47.7	49.1	50.3	51.8	51.8	51.8	52.0	52.0	52.3	52.9	53.2	53.2
GE 4500	27.2	28.4	33.3	37.1	48.8	50.6	51.8	53.2	53.2	53.2	53.5	53.5	53.8	54.4	54.7	54.7
GE 4000	28.7	29.8	35.1	38.9	50.6	52.6	53.8	55.6	55.8	55.8	56.1	56.1	56.4	57.0	57.3	57.3
GE 3500	30.1	31.3	36.5	40.4	52.0	54.1	55.3	57.0	57.3	57.3	57.6	57.6	57.9	58.5	58.8	58.8
GE 3000	32.2	33.3	41.2	47.1	59.1	61.4	62.9	64.6	65.2	65.2	65.5	65.8	66.4	67.0	67.3	67.5
GE 2500	34.2	35.4	43.3	49.1	61.7	64.6	66.1	68.7	69.6	69.6	69.9	70.2	70.8	71.3	71.6	71.9
GE 2000	35.1	36.3	45.0	51.8	65.5	69.0	70.5	73.1	74.6	74.6	74.9	75.1	75.7	76.3	76.6	76.9
GE 1800	35.1	36.3	45.0	51.8	65.5	69.3	70.8	74.3	75.7	75.7	76.0	76.3	76.9	77.5	77.8	78.1
GE 1500	36.0	37.1	46.8	53.5	68.1	71.9	73.7	77.5	80.4	80.4	80.7	81.0	81.6	82.2	82.5	82.7
GE 1200	36.3	37.4	48.2	55.0	69.9	74.6	76.9	81.0	84.8	85.4	86.0	86.3	86.8	87.4	87.7	88.0
GE 1000	36.5	37.7	48.8	55.8	70.8	76.0	78.4	83.0	87.4	88.3	88.9	89.2	89.8	90.4	90.6	90.9
GE 900	36.5	37.7	48.8	55.8	70.8	76.0	78.7	83.3	87.7	88.6	89.2	89.5	90.1	90.6	90.9	91.2
GE 800	36.8	38.0	49.1	56.1	72.2	77.5	80.1	84.8	89.2	90.1	90.6	90.9	91.8	92.4	92.7	93.0
GE 700	36.8	38.0	49.1	56.4	72.5	77.8	80.4	85.1	89.5	90.4	90.9	91.2	92.1	92.7	93.0	93.3
GE 600	36.8	38.0	49.1	56.4	73.4	78.7	81.3	86.8	91.2	92.4	93.0	93.3	94.2	94.7	95.0	95.3
GE 500	36.8	38.0	49.1	56.4	73.7	78.9	81.6	87.1	91.5	92.7	93.3	93.6	94.4	95.0	95.3	95.6
GE 400	36.8	38.0	49.1	56.4	73.7	78.9	81.6	87.1	91.5	92.7	94.2	94.7	95.6	96.2	96.5	96.8
GE 300	36.8	38.0	49.1	56.4	73.7	78.9	81.9	87.4	91.8	93.3	94.7	95.3	96.2	96.8	97.1	97.7
GE 200	36.8	38.0	49.1	56.4	73.7	78.9	81.9	87.4	91.8	93.3	95.3	95.9	96.8	97.4	97.7	99.7
GE 100	36.8	38.0	49.1	56.4	73.7	78.9	81.9	87.4	91.8	93.3	95.3	95.9	96.8	97.4	98.0	100.0
GE 000	36.8	38.0	49.1	56.4	73.7	78.9	81.9	87.4	91.8	93.3	95.3	95.9	96.8	97.4	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 342

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	11.3	11.6	15.5	17.4	26.5	29.0	30.1	31.5	32.1	32.8	32.9	33.5	33.9	34.2	34.2	34.8
GE 20000	13.2	13.6	17.9	19.9	29.8	32.9	34.0	35.6	36.2	36.8	37.0	37.6	37.9	38.2	38.2	38.9
GE 18000	13.2	13.6	17.9	19.9	29.8	32.9	34.0	35.6	36.2	36.8	37.0	37.6	37.9	38.2	38.2	38.9
GE 16000	13.2	13.6	17.9	19.9	29.8	32.9	34.0	35.6	36.2	36.8	37.0	37.6	37.9	38.2	38.2	38.9
GE 14000	13.2	13.6	17.9	19.9	29.8	32.9	34.0	35.6	36.2	36.8	37.0	37.6	37.9	38.2	38.2	38.9
GE 12000	13.6	14.1	18.8	21.0	31.0	34.2	35.3	37.0	37.6	38.2	38.6	39.2	39.5	39.8	39.8	40.4
GE 10000	14.3	14.7	19.9	22.1	32.4	35.7	36.8	38.6	39.2	39.8	40.3	40.9	41.2	41.5	41.5	42.2
GE 9000	14.6	15.0	20.2	22.4	32.8	36.1	37.1	39.3	40.0	40.8	41.2	41.8	42.2	42.5	42.5	43.1
GE 8000	16.0	16.5	22.4	24.6	35.4	38.7	40.0	42.5	43.3	44.0	44.5	45.1	45.5	45.8	45.9	46.6
GE 7000	16.6	17.1	23.0	25.5	36.5	40.0	41.4	44.0	44.8	45.6	46.1	46.7	47.0	47.3	47.5	48.1
GE 6000	16.8	17.2	23.2	25.7	36.7	40.1	41.7	44.4	45.1	45.9	46.4	47.0	47.3	47.6	47.8	48.4
GE 5000	17.7	18.2	24.3	26.8	37.8	41.5	43.1	45.8	46.6	47.3	47.8	48.4	48.7	49.1	49.2	49.8
GE 4500	19.0	19.4	25.9	28.4	40.4	44.5	46.1	48.7	49.5	50.3	50.8	51.4	51.7	52.0	52.2	52.8
GE 4000	20.2	20.7	27.9	30.4	42.5	46.6	48.1	50.9	51.7	52.5	53.0	53.6	53.9	54.2	54.4	55.0
GE 3500	21.5	21.9	29.3	32.0	44.5	48.6	50.2	53.0	53.8	54.5	55.0	55.6	56.0	56.3	56.4	57.1
GE 3000	24.3	24.9	33.5	36.4	49.5	54.1	55.6	59.2	60.0	61.1	62.1	62.7	63.2	63.5	63.6	64.3
GE 2500	24.8	25.4	34.3	37.1	51.1	55.8	57.7	61.8	62.5	63.6	64.7	65.4	65.8	66.1	66.3	66.9
GE 2000	26.8	27.4	37.5	40.8	55.3	60.3	62.5	66.8	67.7	68.8	70.1	70.7	71.2	71.5	71.6	72.3
GE 1800	27.0	27.6	37.6	40.9	55.8	60.8	63.0	67.2	68.2	69.3	70.5	71.2	71.6	71.9	72.1	72.7
GE 1500	27.9	28.5	39.3	42.8	58.2	63.5	66.3	71.2	72.1	73.5	74.8	75.4	75.9	76.2	76.3	77.0
GE 1200	28.7	29.3	40.6	44.2	59.6	65.0	68.0	73.8	75.1	77.1	78.4	79.0	79.5	79.8	79.9	80.6
GE 1000	29.6	30.4	42.0	45.8	61.8	67.9	70.8	76.6	78.2	80.4	82.0	82.6	83.1	83.4	83.5	84.2
GE 900	29.8	30.6	42.2	45.9	62.2	68.3	71.8	78.1	79.6	81.8	83.4	84.2	84.6	85.0	85.1	85.7
GE 800	30.3	31.0	42.6	46.4	62.9	69.0	72.4	78.7	80.3	82.4	84.0	84.8	85.7	86.4	86.5	87.1
GE 700	30.6	31.3	42.9	46.7	63.5	70.2	73.8	80.4	82.0	84.3	86.1	86.8	87.8	88.4	88.6	89.2
GE 600	30.7	31.5	43.1	46.9	63.6	70.4	74.3	80.9	82.8	85.4	87.6	88.4	89.3	90.0	90.1	90.8
GE 500	30.7	31.5	43.1	46.9	63.8	70.5	74.6	81.2	83.2	86.4	88.6	89.3	90.4	91.1	91.2	91.8
GE 400	30.7	31.5	43.1	46.9	63.8	70.7	74.9	81.7	83.9	87.0	89.8	90.8	91.8	92.6	92.8	93.4
GE 300	30.7	31.5	43.1	46.9	63.8	70.7	75.1	81.8	84.0	87.3	90.6	91.7	92.8	93.7	94.4	96.2
GE 200	30.7	31.5	43.1	46.9	63.8	70.7	75.1	81.8	84.0	87.5	91.2	92.5	93.9	96.1	96.9	99.5
GE 100	30.7	31.5	43.1	46.9	63.8	70.7	75.1	81.8	84.0	87.5	91.2	92.5	93.9	96.1	97.2	100.0
GE 000	30.7	31.5	43.1	46.9	63.8	70.7	75.1	81.8	84.0	87.5	91.2	92.5	93.9	96.1	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 638

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	12.4	13.8	17.5	19.8	27.8	29.4	29.7	31.7	32.0	32.2	32.7	32.7	32.7	33.0	33.4	33.7
GE 20000	16.6	18.3	22.9	25.6	34.6	36.5	36.8	38.8	39.1	39.3	39.8	39.8	39.8	40.1	40.5	40.8
GE 18000	16.9	18.6	23.2	25.9	34.9	37.0	37.3	39.2	39.5	39.8	40.2	40.2	40.2	40.5	41.0	41.3
GE 16000	16.9	18.6	23.2	25.9	34.9	37.0	37.3	39.2	39.5	39.8	40.2	40.2	40.2	40.5	41.0	41.3
GE 14000	17.0	18.8	23.4	26.0	35.1	37.1	37.4	39.3	39.6	39.9	40.4	40.4	40.4	40.7	41.1	41.4
GE 12000	17.9	19.8	24.9	27.5	36.7	38.8	39.1	41.0	41.3	41.6	42.0	42.0	42.0	42.3	42.8	43.0
GE 10000	18.3	20.4	25.7	28.6	37.7	39.8	40.2	42.3	42.6	42.9	43.3	43.3	43.3	43.6	44.1	44.4
GE 9000	19.1	21.2	26.5	29.6	38.9	41.1	41.7	43.9	44.4	44.8	45.3	45.3	45.3	45.6	46.0	46.3
GE 8000	20.7	22.8	28.4	32.0	41.4	43.6	44.2	47.0	47.5	47.9	48.4	48.4	48.4	48.7	49.1	49.4
GE 7000	21.3	23.7	29.4	33.0	42.5	45.0	45.6	48.4	48.8	49.4	49.9	49.9	49.9	50.1	50.6	50.9
GE 6000	21.3	23.7	29.6	33.1	42.6	45.4	46.2	49.0	49.4	50.0	50.4	50.4	50.4	50.7	51.2	51.5
GE 5000	21.3	24.0	30.0	33.6	43.0	45.9	46.6	49.6	50.0	50.6	51.0	51.0	51.0	51.3	51.8	52.1
GE 4500	21.9	24.6	31.1	34.6	44.2	47.0	47.8	50.7	51.2	51.8	52.2	52.2	52.2	52.5	53.0	53.3
GE 4000	24.3	26.9	33.9	37.4	47.0	49.9	50.6	53.6	54.0	54.6	55.0	55.0	55.0	55.3	55.8	56.1
GE 3500	25.0	27.7	34.8	38.5	48.4	51.3	52.1	55.0	55.5	56.1	56.7	56.7	56.7	57.0	57.4	57.7
GE 3000	28.4	31.2	39.3	43.3	54.0	57.2	58.1	61.7	62.3	63.0	63.9	64.1	64.1	64.3	64.8	65.1
GE 2500	29.4	32.2	40.5	44.8	56.1	59.9	61.4	64.9	65.7	66.6	67.6	67.8	67.8	68.0	68.5	68.8
GE 2000	32.7	35.8	44.7	49.1	61.8	65.8	67.5	71.3	72.2	73.1	74.1	74.3	74.3	74.7	75.1	75.4
GE 1800	32.8	35.9	44.8	49.3	62.0	66.0	67.6	71.4	72.3	73.2	74.3	74.4	74.4	74.9	75.3	75.6
GE 1500	34.9	38.0	47.2	51.8	64.8	69.1	70.7	74.7	75.6	77.4	78.4	78.6	78.6	79.0	79.4	79.7
GE 1200	35.8	39.2	49.0	54.1	67.5	72.3	74.0	78.1	79.6	81.8	82.8	83.0	83.0	83.4	83.9	84.2
GE 1000	36.1	39.5	49.6	55.2	68.6	73.7	75.6	80.0	82.0	84.5	85.5	85.7	85.7	86.1	86.5	86.8
GE 900	36.2	39.6	50.0	55.8	69.5	74.9	76.8	81.4	83.3	85.9	87.0	87.1	87.1	87.6	88.0	88.3
GE 800	36.2	39.6	50.0	55.8	69.5	74.9	76.9	81.7	83.6	86.5	87.6	87.9	87.9	88.3	88.8	89.1
GE 700	36.4	39.8	50.1	55.9	69.8	75.7	78.4	83.3	85.2	88.2	89.2	89.5	89.8	90.2	90.7	91.0
GE 600	36.4	39.8	50.1	55.9	70.0	76.2	79.0	83.9	85.9	89.2	90.2	90.5	90.8	91.3	91.7	92.0
GE 500	36.4	39.8	50.1	55.9	70.4	76.8	79.7	85.1	87.3	90.5	91.9	92.2	92.5	92.9	93.3	93.6
GE 400	36.4	39.8	50.1	56.1	70.6	76.9	79.9	85.4	87.7	91.4	92.8	93.3	93.9	94.4	94.8	95.1
GE 300	36.4	39.8	50.1	56.1	70.6	76.9	79.9	85.5	87.9	91.6	93.3	94.1	94.8	96.2	96.7	97.9
GE 200	36.4	39.8	50.1	56.1	70.6	76.9	79.9	85.5	87.9	91.6	93.5	94.4	95.4	97.6	98.4	100.0
GE 100	36.4	39.8	50.1	56.1	70.6	76.9	79.9	85.5	87.9	91.6	93.5	94.4	95.4	97.6	98.4	100.0
GE 000	36.4	39.8	50.1	56.1	70.6	76.9	79.9	85.5	87.9	91.6	93.5	94.4	95.4	97.6	98.4	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	16.9	18.1	22.5	24.2	30.0	30.7	31.0	31.6	31.8	31.9	32.1	32.1	32.1	32.1	32.1	32.1
GE 20000	21.0	22.4	27.6	29.6	35.8	36.6	36.9	37.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 18000	21.0	22.4	27.6	29.6	35.8	36.6	36.9	37.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 16000	21.0	22.4	27.6	29.6	35.8	36.6	36.9	37.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 14000	21.0	22.4	27.6	29.6	35.8	36.6	36.9	37.5	37.6	37.8	37.9	37.9	37.9	37.9	37.9	37.9
GE 12000	21.5	22.8	28.1	30.0	36.3	37.0	37.3	37.9	38.1	38.2	38.4	38.4	38.4	38.4	38.4	38.4
GE 10000	22.8	24.2	29.7	31.6	37.9	38.8	39.4	40.0	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4
GE 9000	24.0	25.4	31.2	33.3	39.7	40.6	41.2	41.8	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2
GE 8000	26.4	27.8	33.9	36.3	43.0	43.9	44.5	45.1	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5
GE 7000	27.9	29.4	35.7	38.1	45.4	46.3	46.9	47.6	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.1
GE 6000	27.9	29.4	35.7	38.1	45.4	46.3	46.9	47.6	47.8	47.9	48.1	48.1	48.1	48.1	48.1	48.1
GE 5000	29.1	30.7	37.0	39.6	47.0	47.9	48.5	49.3	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7
GE 4500	29.7	31.3	37.6	40.1	47.6	48.5	49.1	49.9	50.0	50.1	50.3	50.3	50.3	50.3	50.3	50.3
GE 4000	32.1	33.7	40.1	42.7	50.4	51.3	51.9	52.7	52.8	53.0	53.1	53.1	53.1	53.1	53.1	53.1
GE 3500	34.6	36.6	43.0	45.8	54.0	54.9	55.5	56.3	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 3000	42.1	44.2	51.5	54.6	63.7	65.2	66.0	67.6	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2
GE 2500	44.9	47.3	54.9	58.5	67.9	69.6	70.4	72.1	72.2	72.5	72.7	72.7	72.7	72.7	72.7	72.7
GE 2000	49.1	51.6	59.7	63.6	73.7	76.3	77.3	79.4	79.6	80.3	80.4	80.4	80.4	80.4	80.4	80.4
GE 1800	49.6	52.1	60.3	64.2	74.3	76.9	77.9	80.0	80.1	80.9	81.0	81.0	81.0	81.0	81.0	81.0
GE 1500	52.7	55.2	64.0	67.9	79.3	82.5	83.9	86.0	86.1	87.2	87.3	87.3	87.3	87.3	87.3	87.3
GE 1200	53.6	56.1	65.4	69.4	81.0	84.8	86.1	88.4	88.7	89.9	90.0	90.0	90.0	90.0	90.0	90.0
GE 1000	53.9	56.4	66.0	70.0	81.9	86.3	87.9	90.1	90.6	92.2	92.4	92.4	92.4	92.4	92.4	92.5
GE 900	54.2	56.7	66.3	70.3	82.2	86.7	88.4	90.6	91.0	92.7	92.8	92.8	92.8	92.8	92.8	93.0
GE 800	54.2	56.7	66.3	70.3	82.7	87.3	89.6	91.9	92.4	94.0	94.5	94.5	94.5	94.5	94.5	94.8
GE 700	54.3	56.9	66.6	70.6	83.1	87.9	90.3	92.7	93.3	95.1	95.7	95.7	95.7	95.7	95.7	96.0
GE 600	54.3	56.9	66.6	70.6	83.3	88.1	90.7	93.1	93.7	95.5	96.1	96.1	96.1	96.1	96.1	96.4
GE 500	54.3	56.9	66.7	70.7	83.4	88.4	91.0	93.6	94.3	96.3	96.9	97.0	97.0	97.0	97.0	97.3
GE 400	54.3	56.9	66.7	70.9	83.6	88.5	91.3	93.9	94.8	97.0	97.6	97.9	98.1	98.1	98.2	98.5
GE 300	54.3	56.9	66.7	70.9	83.6	88.5	91.3	93.9	94.8	97.0	97.6	97.9	98.1	98.2	98.5	98.8
GE 200	54.3	56.9	66.7	70.9	83.6	88.5	91.3	93.9	94.8	97.0	97.8	98.1	98.7	99.1	99.4	100.0
GE 100	54.3	56.9	66.7	70.9	83.6	88.5	91.3	93.9	94.8	97.0	97.8	98.1	98.7	99.1	99.4	100.0
GE 000	54.3	56.9	66.7	70.9	83.6	88.5	91.3	93.9	94.8	97.0	97.8	98.1	98.7	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 62 - DEC 91
 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	19.4	20.9	26.7	30.1	34.4	35.0	35.0	35.0	35.0	35.3	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	23.7	25.6	32.2	35.7	40.5	41.1	41.1	41.1	41.1	41.4	41.6	41.6	41.6	41.6	41.6	41.6
GE 18000	24.2	26.0	32.7	36.1	40.9	41.6	41.6	41.6	41.6	41.9	42.0	42.0	42.0	42.0	42.0	42.0
GE 16000	24.2	26.0	32.7	36.1	40.9	41.6	41.6	41.6	41.6	41.9	42.0	42.0	42.0	42.0	42.0	42.0
GE 14000	24.2	26.0	32.7	36.1	40.9	41.6	41.6	41.6	41.6	41.9	42.0	42.0	42.0	42.0	42.0	42.0
GE 12000	24.5	26.4	33.0	36.4	41.2	41.9	41.9	41.9	41.9	42.2	42.3	42.3	42.3	42.3	42.3	42.3
GE 10000	25.7	27.6	34.7	38.1	43.1	43.7	43.7	43.7	43.7	44.0	44.2	44.2	44.2	44.2	44.2	44.2
GE 9000	26.8	28.7	35.8	39.2	44.2	44.8	44.8	44.8	44.8	45.1	45.3	45.3	45.3	45.3	45.3	45.3
GE 8000	30.9	33.0	40.5	43.9	49.0	49.6	49.6	49.6	49.6	49.9	50.1	50.1	50.1	50.1	50.1	50.1
GE 7000	32.9	35.2	42.6	46.0	51.2	51.8	51.8	51.8	51.8	52.1	52.2	52.2	52.2	52.2	52.2	52.2
GE 6000	33.5	35.8	43.3	46.7	51.8	52.4	52.4	52.4	52.4	52.7	52.9	52.9	52.9	52.9	52.9	52.9
GE 5000	35.8	38.1	46.0	49.8	56.0	56.6	56.6	56.6	56.6	56.9	57.1	57.1	57.1	57.1	57.1	57.1
GE 4500	36.1	38.4	46.4	50.1	56.3	56.9	57.1	57.1	57.1	57.4	57.5	57.5	57.5	57.5	57.5	57.5
GE 4000	40.8	43.3	51.3	55.0	61.4	62.0	62.2	62.2	62.2	62.5	62.6	62.6	62.6	62.6	62.6	62.6
GE 3500	42.3	45.1	53.5	57.4	63.7	64.3	64.5	64.5	64.5	64.8	65.0	65.0	65.0	65.0	65.0	65.0
GE 3000	48.7	51.6	61.4	65.3	73.3	74.1	74.3	74.7	74.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2
GE 2500	52.4	55.5	65.9	69.9	79.2	80.0	80.5	80.9	80.9	81.2	81.4	81.6	81.6	81.6	81.6	81.6
GE 2000	55.0	58.1	69.3	73.5	84.0	85.0	85.7	86.5	86.7	87.0	87.1	87.3	87.3	87.3	87.3	87.3
GE 1800	55.5	58.6	69.9	74.1	84.7	85.9	86.7	87.4	87.6	87.9	88.1	88.2	88.2	88.2	88.2	88.2
GE 1500	56.3	59.4	71.0	75.2	86.2	87.6	88.4	89.1	89.3	89.6	89.8	89.9	89.9	89.9	89.9	89.9
GE 1200	56.7	59.8	71.5	75.7	87.1	88.8	89.8	90.5	90.9	91.2	91.3	91.6	91.6	91.6	91.6	91.6
GE 1000	57.1	60.2	72.2	76.6	88.2	91.3	92.2	93.0	93.3	93.8	94.0	94.3	94.4	94.4	94.4	94.4
GE 900	57.1	60.2	72.2	76.6	88.2	91.6	92.6	93.3	93.6	94.1	94.3	94.7	94.9	94.9	94.9	94.9
GE 800	57.1	60.2	72.6	76.9	88.8	92.6	93.6	94.7	95.0	95.5	95.8	96.3	96.4	96.4	96.4	96.4
GE 700	57.2	60.3	72.7	77.1	89.1	93.2	94.3	95.3	95.7	96.1	96.6	97.1	97.2	97.2	97.2	97.2
GE 600	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.1	96.4	96.9	97.4	97.8	98.3	98.3	98.3	98.4
GE 500	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.1	96.4	96.9	97.4	97.8	98.3	98.3	98.3	98.4
GE 400	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.1	96.4	96.9	97.4	97.8	98.6	98.8	98.8	98.9
GE 300	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.3	96.7	97.4	97.8	98.4	99.2	99.4	99.4	99.5
GE 200	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.3	96.7	97.4	97.8	98.4	99.4	99.7	99.7	100.0
GE 100	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.3	96.7	97.4	97.8	98.4	99.4	99.7	99.7	100.0
GE 000	57.2	60.3	72.7	77.1	89.1	93.6	94.7	96.3	96.7	97.4	97.8	98.4	99.4	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 645

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR 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	26.1	28.1	35.0	38.4	42.8	42.9	43.3	43.6	43.6	43.9	43.9	43.9	43.9	44.1	44.1	44.1
GE 20000	31.0	33.3	40.7	44.1	48.7	49.0	49.7	50.0	50.0	50.3	50.3	50.3	50.3	50.5	50.5	50.5
GE 18000	31.8	34.2	41.6	44.9	49.5	49.8	50.5	50.8	50.8	51.2	51.2	51.2	51.2	51.3	51.3	51.3
GE 16000	32.2	34.5	41.9	45.3	49.8	50.2	50.8	51.2	51.2	51.5	51.5	51.5	51.5	51.7	51.7	51.7
GE 14000	32.2	34.5	41.9	45.3	49.8	50.2	50.8	51.2	51.2	51.5	51.5	51.5	51.5	51.7	51.7	51.7
GE 12000	32.3	34.7	42.1	45.6	50.2	50.5	51.2	51.5	51.5	51.9	51.9	51.9	51.9	52.0	52.0	52.0
GE 10000	34.2	36.5	43.9	47.5	52.2	52.5	53.5	53.9	53.9	54.5	54.5	54.5	54.5	54.7	54.7	54.7
GE 9000	34.2	36.5	43.9	47.5	52.4	52.7	53.7	54.0	54.0	54.7	54.7	54.7	54.7	54.9	54.9	54.9
GE 8000	39.2	41.8	50.3	53.9	58.8	59.4	60.4	60.8	60.8	61.4	61.4	61.4	61.4	61.6	61.6	61.6
GE 7000	42.4	44.9	53.7	57.2	62.6	63.3	64.3	64.6	64.6	65.3	65.3	65.3	65.3	65.5	65.5	65.5
GE 6000	43.6	46.1	54.9	58.4	64.0	64.6	65.7	66.0	66.0	66.7	66.7	66.7	66.7	66.8	66.8	66.8
GE 5000	44.3	46.8	55.7	59.4	66.0	67.2	68.2	68.5	68.5	69.2	69.2	69.2	69.2	69.4	69.4	69.4
GE 4500	44.4	47.1	56.2	59.9	66.5	67.7	68.7	69.0	69.0	69.7	69.7	69.7	69.7	69.9	69.9	69.9
GE 4000	47.0	49.8	59.1	63.0	69.5	70.7	71.7	72.4	72.4	73.1	73.1	73.1	73.1	73.2	73.2	73.2
GE 3500	48.8	51.7	61.1	65.2	72.1	73.2	74.2	74.9	75.1	75.8	75.8	75.8	75.8	75.9	75.9	75.9
GE 3000	52.5	55.9	66.0	70.2	77.9	79.3	80.8	81.8	82.0	82.7	82.7	82.7	82.7	82.8	82.8	82.8
GE 2500	53.4	56.7	67.0	71.2	79.0	80.5	82.7	83.7	83.8	84.5	84.5	84.5	84.5	84.7	84.7	84.7
GE 2000	55.2	58.6	68.9	73.1	81.5	83.3	85.7	87.0	87.2	88.2	88.2	88.2	88.2	88.6	88.7	88.7
GE 1800	55.2	58.6	68.9	73.1	81.5	83.3	85.7	87.5	87.7	88.7	88.7	88.7	88.7	89.1	89.2	89.2
GE 1500	55.2	58.6	69.2	73.4	82.3	84.2	86.5	88.6	88.7	90.6	90.6	90.6	90.9	91.1	91.1	91.1
GE 1200	55.4	58.8	69.7	74.1	83.3	86.2	88.6	90.9	91.1	93.1	93.1	93.1	93.4	93.6	93.6	93.6
GE 1000	55.6	58.9	70.0	74.4	83.7	86.7	89.2	91.8	91.9	94.3	94.3	94.3	94.6	94.8	94.8	94.8
GE 900	55.6	58.9	70.0	74.4	83.7	86.7	89.4	92.3	92.4	94.8	94.9	94.9	95.3	95.5	95.5	95.5
GE 800	55.6	58.9	70.0	74.4	83.7	86.7	89.7	92.8	92.9	95.5	95.6	95.6	96.0	96.1	96.1	96.1
GE 700	55.7	59.1	70.2	74.9	84.2	87.2	90.2	93.3	93.6	96.1	96.3	96.5	96.8	97.0	97.0	97.0
GE 600	55.7	59.1	70.2	74.9	84.3	87.4	90.4	93.8	94.1	96.6	96.8	97.5	98.0	98.1	98.1	98.1
GE 500	55.7	59.1	70.2	74.9	84.3	87.5	90.9	94.4	94.8	97.3	97.6	98.3	99.0	99.2	99.3	99.3
GE 400	55.7	59.1	70.2	74.9	84.3	87.5	90.9	94.4	94.8	97.3	97.6	98.3	99.0	99.3	99.5	99.5
GE 300	55.7	59.1	70.2	74.9	84.3	87.5	90.9	94.4	94.8	97.3	97.6	98.3	99.0	99.3	99.5	99.5
GE 200	55.7	59.1	70.2	74.9	84.3	87.5	90.9	94.4	94.8	97.3	97.6	98.3	99.0	99.3	99.8	100.0
GE 100	55.7	59.1	70.2	74.9	84.3	87.5	90.9	94.4	94.8	97.3	97.6	98.3	99.0	99.3	99.8	100.0
GE 000	55.7	59.1	70.2	74.9	84.3	87.5	90.9	94.4	94.8	97.3	97.6	98.3	99.0	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 594

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	30.0	32.4	35.4	38.3	43.5	43.9	45.0	45.5	45.5	45.7	45.7	45.7	45.7	45.7	45.7	45.7
GE 20000	33.6	36.0	39.4	42.3	47.5	48.0	49.5	50.0	50.0	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 18000	33.8	36.3	39.6	42.6	47.7	48.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	33.8	36.3	39.6	42.6	47.7	48.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	33.8	36.3	39.6	42.6	47.7	48.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 12000	33.8	36.3	39.6	42.6	47.7	48.2	49.8	50.2	50.2	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 10000	34.9	37.4	40.8	43.7	48.9	49.3	51.1	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 9000	34.9	37.4	40.8	43.7	48.9	49.3	51.1	51.6	51.6	51.8	51.8	51.8	51.8	51.8	51.8	51.8
GE 8000	37.2	39.9	44.6	47.5	52.7	53.2	55.0	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 7000	40.1	43.0	47.7	50.7	56.5	57.0	58.8	59.2	59.2	59.5	59.5	59.5	59.5	59.5	59.5	59.5
GE 6000	40.8	43.7	48.4	51.4	57.4	57.9	59.7	60.1	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 5000	41.7	44.8	49.5	52.9	59.2	60.1	61.9	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4500	42.1	45.3	50.2	53.6	59.9	60.8	62.6	63.3	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 4000	45.3	48.6	53.6	57.7	64.2	65.5	67.3	68.2	68.2	68.5	68.5	68.5	68.5	68.5	68.5	68.5
GE 3500	47.5	50.9	56.1	60.1	67.8	69.1	71.4	72.3	72.3	72.5	72.5	72.5	72.5	72.5	72.5	72.5
GE 3000	51.1	54.7	60.4	64.9	74.5	75.9	78.6	79.5	79.5	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 2500	51.6	55.2	61.0	65.5	75.9	77.3	80.0	80.9	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2000	53.8	57.4	63.7	68.5	79.3	80.6	83.6	84.9	85.1	86.0	86.0	86.0	86.0	86.0	86.5	86.5
GE 1800	53.8	57.4	63.7	68.7	79.5	80.9	83.8	85.1	85.4	86.3	86.3	86.3	86.3	86.5	86.7	86.7
GE 1500	54.1	57.7	64.2	69.6	80.9	82.7	85.8	87.8	88.1	89.9	89.9	89.9	89.9	90.1	90.3	90.3
GE 1200	54.1	57.7	64.6	70.0	81.8	83.6	86.7	89.2	89.4	91.2	91.2	91.2	91.2	91.7	91.9	91.9
GE 1000	54.1	57.7	65.3	70.7	82.4	84.7	87.8	91.0	91.2	93.0	93.0	93.2	93.2	93.7	93.9	93.9
GE 900	54.3	57.9	65.5	70.9	82.7	84.9	88.1	91.7	91.9	93.7	93.7	93.9	93.9	94.4	94.6	94.6
GE 800	54.3	57.9	65.5	70.9	82.7	84.9	88.1	91.9	92.1	93.9	93.9	94.4	95.0	95.5	95.7	95.7
GE 700	54.3	57.9	65.5	71.6	83.3	85.6	88.7	92.6	92.8	94.6	94.6	95.0	95.7	96.2	96.4	96.4
GE 600	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.2	95.0	95.0	96.2	96.8	97.3	97.5	97.5
GE 500	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.2	95.0	95.0	96.2	96.8	97.3	97.5	97.5
GE 400	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.9	95.7	95.7	96.8	97.7	98.6	98.9	98.9
GE 300	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.9	95.7	95.9	97.1	98.0	98.9	99.1	99.1
GE 200	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.9	95.7	95.9	97.1	98.0	98.9	99.1	99.8
GE 100	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.9	95.7	95.9	97.1	98.0	98.9	99.1	99.8
GE 000	54.3	57.9	65.5	71.6	83.3	85.6	88.7	93.0	93.9	95.7	95.9	97.1	98.0	98.9	99.1	100.0

TOTAL NUMBER OF OBSERVATIONS 444

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAR 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	19.5	20.9	25.3	28.1	34.6	35.6	36.1	36.9	37.1	37.3	37.5	37.6	37.7	37.8	37.9	38.1
GE 20000	23.0	24.7	29.7	32.6	39.7	40.9	41.5	42.3	42.5	42.8	43.0	43.0	43.1	43.3	43.4	43.5
GE 18000	23.3	24.9	30.0	32.9	40.0	41.2	41.8	42.6	42.8	43.1	43.2	43.3	43.4	43.6	43.7	43.8
GE 16000	23.3	25.0	30.0	32.9	40.0	41.3	41.8	42.7	42.8	43.1	43.3	43.4	43.5	43.6	43.7	43.9
GE 14000	23.4	25.0	30.0	33.0	40.1	41.3	41.9	42.7	42.9	43.1	43.3	43.4	43.5	43.6	43.7	43.9
GE 12000	23.7	25.4	30.6	33.6	40.8	42.0	42.5	43.4	43.6	43.9	44.1	44.1	44.2	44.4	44.5	44.6
GE 10000	24.8	26.4	31.9	34.9	42.2	43.5	44.1	45.0	45.2	45.5	45.7	45.8	45.9	46.1	46.2	46.3
GE 9000	25.3	27.0	32.5	35.6	42.9	44.2	44.9	45.9	46.1	46.5	46.7	46.8	46.9	47.1	47.2	47.3
GE 8000	27.8	29.6	35.7	38.9	46.5	47.8	48.6	49.7	49.9	50.3	50.5	50.6	50.7	50.9	51.0	51.1
GE 7000	29.5	31.4	37.5	40.8	48.6	50.0	50.8	52.0	52.2	52.6	52.8	52.9	53.0	53.2	53.3	53.4
GE 6000	29.9	31.8	37.9	41.2	49.1	50.5	51.4	52.6	52.8	53.2	53.4	53.5	53.6	53.7	53.8	54.0
GE 5000	30.8	32.8	39.2	42.5	50.8	52.4	53.3	54.6	54.8	55.2	55.4	55.5	55.6	55.8	55.9	56.0
GE 4500	31.3	33.4	39.9	43.3	51.8	53.5	54.4	55.7	55.9	56.3	56.5	56.6	56.7	56.8	57.0	57.1
GE 4000	33.9	36.0	42.9	46.4	55.0	56.8	57.7	59.1	59.3	59.7	60.0	60.1	60.1	60.3	60.4	60.6
GE 3500	35.6	37.8	44.8	48.5	57.4	59.3	60.3	61.6	61.9	62.3	62.5	62.6	62.7	62.9	63.0	63.1
GE 3000	39.9	42.3	50.5	54.5	64.5	66.7	67.8	69.7	70.0	70.5	70.9	71.0	71.2	71.3	71.5	71.6
GE 2500	41.5	44.0	52.4	56.6	67.2	69.5	71.0	73.0	73.4	73.9	74.3	74.5	74.6	74.8	74.9	75.1
GE 2000	44.1	46.6	55.7	60.2	71.6	74.4	76.1	78.3	79.0	79.7	80.1	80.3	80.5	80.7	80.9	81.1
GE 1800	44.2	46.8	55.9	60.4	71.9	74.8	76.4	78.9	79.5	80.2	80.7	80.8	81.0	81.2	81.4	81.6
GE 1500	45.5	48.1	57.7	62.3	74.3	77.5	79.4	82.1	82.9	84.1	84.6	84.7	84.9	85.1	85.3	85.5
GE 1200	46.1	48.7	58.7	63.5	75.8	79.5	81.5	84.6	85.6	87.1	87.6	87.8	87.9	88.2	88.4	88.6
GE 1000	46.4	49.0	59.4	64.3	76.9	81.0	83.2	86.6	87.8	89.6	90.1	90.3	90.5	90.8	90.9	91.1
GE 900	46.5	49.2	59.6	64.5	77.2	81.4	83.7	87.3	88.5	90.3	90.9	91.1	91.3	91.6	91.7	91.9
GE 800	46.6	49.3	59.7	64.6	77.5	81.9	84.4	88.1	89.3	91.2	91.8	92.1	92.5	92.8	92.9	93.2
GE 700	46.8	49.4	59.9	65.0	78.0	82.6	85.2	89.0	90.3	92.2	92.9	93.2	93.6	93.9	94.1	94.3
GE 600	46.8	49.4	59.9	65.0	78.2	82.9	85.6	89.7	91.1	93.1	93.9	94.3	94.8	95.1	95.3	95.6
GE 500	46.8	49.4	60.0	65.0	78.3	83.1	86.0	90.2	91.6	93.7	94.6	95.1	95.6	95.9	96.1	96.3
GE 400	46.8	49.4	60.0	65.1	78.4	83.2	86.1	90.3	91.9	94.2	95.2	95.8	96.4	96.9	97.1	97.3
GE 300	46.8	49.4	60.0	65.1	78.4	83.2	86.1	90.4	92.0	94.4	95.5	96.2	96.9	97.5	97.8	98.5
GE 200	46.8	49.4	60.0	65.1	78.4	83.2	86.1	90.4	92.0	94.4	95.7	96.4	97.3	98.4	98.8	99.9
GE 100	46.8	49.4	60.0	65.1	78.4	83.2	86.1	90.4	92.0	94.4	95.7	96.4	97.3	98.4	98.9	100.0
GE 000	46.8	49.4	60.0	65.1	78.4	83.2	86.1	90.4	92.0	94.4	95.7	96.4	97.3	98.4	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4186

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	28.3	28.9	30.0	30.6	38.9	38.9	38.9	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.1
GE 20000	29.4	30.0	31.7	33.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 18000	29.4	30.0	31.7	33.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 16000	29.4	30.0	31.7	33.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 14000	29.4	30.0	31.7	33.3	43.3	43.3	43.3	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6	45.6
GE 12000	29.4	30.0	32.8	34.4	45.0	45.0	45.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 10000	29.4	30.0	32.8	34.4	45.0	45.0	45.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 9000	29.4	30.0	32.8	34.4	45.0	45.0	45.0	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
GE 8000	32.2	32.8	36.7	38.3	50.0	50.0	50.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
GE 7000	32.8	33.3	37.2	38.9	51.1	51.1	51.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 6000	32.8	33.3	37.2	38.9	51.1	51.1	51.1	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE 5000	35.0	35.6	43.3	45.0	57.2	57.2	57.2	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 4500	35.6	36.1	43.9	45.6	57.8	57.8	57.8	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 4000	41.1	42.2	50.6	52.2	65.0	65.0	65.0	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 3500	43.3	44.4	53.3	55.0	67.8	67.8	67.8	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	46.1	47.8	56.7	58.3	72.2	72.2	72.8	77.8	77.8	77.8	78.3	78.9	78.9	78.9	78.9	78.9
GE 2500	46.1	47.8	56.7	58.3	72.2	72.2	72.8	77.8	78.3	78.3	78.9	79.4	79.4	79.4	79.4	79.4
GE 2000	47.2	48.9	59.4	61.1	75.6	75.6	76.1	81.1	81.7	81.7	82.2	82.8	82.8	82.8	82.8	82.8
GE 1800	47.2	48.9	59.4	61.7	76.1	76.1	76.7	81.7	82.2	82.2	82.8	83.3	83.3	83.3	83.3	83.3
GE 1500	47.2	48.9	59.4	61.7	77.8	77.8	78.9	83.9	84.4	85.0	85.6	86.1	86.1	86.1	86.1	86.1
GE 1200	48.9	50.6	61.1	63.3	80.0	80.6	81.7	86.7	87.2	87.8	88.3	88.9	88.9	88.9	88.9	88.9
GE 1000	48.9	50.6	61.1	63.3	82.2	82.8	83.9	88.9	89.4	90.0	90.6	91.1	91.1	91.1	91.1	91.1
GE 900	48.9	50.6	61.1	63.3	82.2	82.8	83.9	88.9	89.4	90.0	90.6	91.1	91.1	91.1	91.1	91.1
GE 800	48.9	50.6	62.2	64.4	83.3	84.4	85.6	90.6	91.1	91.7	92.2	92.8	92.8	92.8	92.8	92.8
GE 700	48.9	50.6	62.8	65.0	87.2	88.3	89.4	94.4	95.0	95.6	96.1	96.7	96.7	96.7	96.7	96.7
GE 600	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.2	97.8	97.8	97.8	97.8	97.8
GE 500	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.8	98.3	98.3	98.3	98.3	98.3
GE 400	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.8	98.3	98.3	98.3	98.3	98.3
GE 300	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.8	98.3	98.3	98.3	98.3	98.3
GE 200	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.8	98.3	98.9	98.9	98.9	98.9
GE 100	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.8	98.3	98.9	98.9	98.9	100.0
GE 000	48.9	50.6	62.8	65.0	87.2	88.3	89.4	95.6	96.1	96.7	97.8	98.3	98.9	98.9	98.9	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	22.3	23.8	30.0	31.9	38.9	39.6	39.6	41.3	41.3	41.3	41.6	41.8	42.1	42.3	42.3	42.3
GE 20000	24.0	25.5	31.7	33.7	42.1	43.1	43.1	45.0	45.0	45.0	45.3	45.5	45.8	46.0	46.0	46.0
GE 18000	24.0	25.5	31.7	33.7	42.1	43.1	43.1	45.0	45.0	45.0	45.3	45.5	45.8	46.0	46.0	46.0
GE 16000	24.0	25.5	31.7	33.7	42.1	43.1	43.1	45.0	45.0	45.0	45.3	45.5	45.8	46.0	46.0	46.0
GE 14000	24.0	25.5	31.7	33.7	42.1	43.1	43.1	45.0	45.0	45.0	45.3	45.5	45.8	46.0	46.0	46.0
GE 12000	24.3	25.7	31.9	33.9	42.3	43.3	43.3	45.3	45.3	45.3	45.5	45.8	46.0	46.3	46.3	46.3
GE 10000	25.5	27.2	34.4	36.4	45.5	46.5	46.5	48.8	48.8	48.8	49.0	49.3	49.5	49.8	49.8	49.8
GE 9000	25.5	27.2	34.4	36.4	45.8	46.8	46.8	49.3	49.3	49.3	49.5	49.8	50.0	50.2	50.2	50.2
GE 8000	27.2	29.2	37.4	39.9	50.2	52.5	52.5	55.4	55.4	55.7	56.2	56.4	56.7	56.9	56.9	56.9
GE 7000	28.2	30.2	38.4	40.8	51.7	54.0	54.0	56.9	56.9	57.2	57.7	57.9	58.2	58.4	58.7	58.7
GE 6000	28.2	30.2	38.4	40.8	51.7	54.0	54.0	56.9	56.9	57.2	57.7	57.9	58.2	58.4	58.7	58.7
GE 5000	30.2	32.2	41.6	44.1	55.7	58.4	58.7	62.9	62.9	63.4	63.9	64.1	64.4	64.6	64.9	64.9
GE 4500	31.2	33.2	42.8	45.3	57.2	59.9	60.1	64.4	64.4	64.9	65.3	65.6	65.8	66.1	66.3	66.3
GE 4000	33.2	35.4	45.0	48.3	61.1	63.9	64.1	68.3	68.3	69.3	69.8	70.0	70.3	70.5	70.8	70.8
GE 3500	34.2	36.4	46.8	50.0	63.1	66.3	66.6	70.8	70.8	71.8	72.3	72.5	72.8	73.0	73.3	73.3
GE 3000	35.6	38.1	49.8	53.0	67.1	71.0	71.3	75.5	75.5	76.5	77.2	78.0	78.2	78.5	78.7	78.7
GE 2500	36.1	38.6	51.0	54.2	68.3	72.3	72.5	76.7	76.7	78.0	78.7	79.5	79.7	80.0	80.2	80.2
GE 2000	36.4	38.9	52.2	55.4	69.8	74.0	74.3	78.7	78.7	80.0	80.9	81.7	81.9	82.2	82.4	82.4
GE 1800	36.4	38.9	52.2	55.7	70.0	74.3	74.5	79.0	79.0	80.2	81.2	81.9	82.2	82.4	82.7	82.7
GE 1500	36.4	38.9	52.2	55.7	70.8	75.0	75.5	80.2	80.2	81.4	82.4	83.2	83.4	83.7	83.9	83.9
GE 1200	36.9	39.4	53.0	56.4	72.3	76.5	77.0	81.7	81.7	82.9	83.9	84.7	84.9	85.1	85.4	85.4
GE 1000	36.9	39.4	53.0	56.4	72.5	77.2	77.7	82.4	82.4	83.7	84.7	85.4	85.6	85.9	86.1	86.1
GE 900	36.9	39.4	53.5	56.9	73.0	77.7	78.2	82.9	82.9	84.2	85.1	85.9	86.1	86.4	86.6	86.6
GE 800	36.9	39.4	53.5	56.9	73.5	78.5	79.2	84.2	84.2	85.4	86.4	87.1	87.4	87.6	87.9	87.9
GE 700	37.1	39.6	54.2	57.7	75.0	80.0	81.4	86.6	86.6	87.9	88.9	89.6	89.9	90.1	90.3	90.3
GE 600	37.1	39.6	54.5	57.9	76.2	81.2	82.9	88.4	88.4	89.6	90.6	91.3	91.6	91.8	92.1	92.1
GE 500	37.1	39.6	55.2	58.9	77.5	82.4	84.2	89.6	89.6	90.8	91.8	92.8	93.1	93.3	93.6	93.6
GE 400	37.1	39.6	55.2	58.9	78.0	82.9	84.7	90.1	90.8	92.3	93.8	95.0	95.3	95.5	95.8	96.0
GE 300	37.1	39.6	55.2	58.9	78.0	82.9	84.9	91.1	91.8	93.3	94.8	96.3	96.5	96.8	97.0	97.3
GE 200	37.1	39.6	55.2	58.9	78.0	82.9	84.9	91.1	91.8	93.3	95.0	96.5	96.8	97.0	97.3	98.3
GE 100	37.1	39.6	55.2	58.9	78.0	82.9	84.9	91.1	92.3	93.8	95.5	97.0	97.3	97.5	97.8	100.0
GE 000	37.1	39.6	55.2	58.9	78.0	82.9	84.9	91.1	92.3	93.8	95.5	97.0	97.3	97.5	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 404

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	19.7	20.0	27.2	28.6	32.3	35.3	36.5	38.4	38.7	39.0	39.4	39.9	39.9	39.9	39.9	40.4
GE 20000	22.5	22.8	30.1	31.7	35.9	39.0	40.4	42.4	42.7	43.3	43.7	44.2	44.2	44.2	44.2	44.6
GE 18000	23.1	23.4	30.7	32.3	36.5	39.6	41.0	43.0	43.3	43.9	44.3	44.8	44.8	44.8	44.8	45.3
GE 16000	23.1	23.4	30.7	32.3	36.5	39.6	41.0	43.0	43.3	43.9	44.3	44.8	44.8	44.8	44.8	45.3
GE 14000	23.2	23.5	31.2	32.7	37.0	40.1	41.4	43.4	43.7	44.3	44.8	45.3	45.3	45.3	45.3	45.7
GE 12000	23.5	23.9	31.7	33.2	37.5	40.5	41.9	43.9	44.2	44.8	45.3	45.7	45.7	45.7	45.9	46.5
GE 10000	25.2	25.7	34.3	35.8	40.4	43.4	45.0	47.1	47.4	48.0	48.5	49.1	49.1	49.1	49.2	49.8
GE 9000	26.0	26.5	35.0	36.5	41.1	44.2	46.0	48.2	48.5	49.1	49.5	50.2	50.3	50.3	50.5	51.1
GE 8000	28.6	29.4	39.6	42.0	46.9	50.6	52.9	55.7	56.1	56.7	57.8	58.4	58.7	58.7	58.9	59.5
GE 7000	30.1	30.9	41.4	44.0	49.1	52.9	55.4	58.1	58.6	59.2	60.2	60.9	61.2	61.3	61.5	62.2
GE 6000	30.4	31.3	42.2	44.8	49.8	53.7	56.1	58.9	59.3	59.9	61.0	61.6	61.9	62.1	62.2	63.0
GE 5000	31.5	32.4	44.2	46.8	52.3	56.3	58.7	62.1	62.5	63.1	64.2	64.8	65.1	65.3	65.4	66.2
GE 4500	32.0	32.9	44.8	47.4	52.9	57.0	59.5	62.8	63.3	63.9	65.0	65.6	65.9	66.1	66.2	67.0
GE 4000	33.6	34.9	47.6	50.3	55.8	60.1	62.7	66.4	66.8	67.6	69.1	70.0	70.3	70.6	70.8	71.7
GE 3500	34.1	35.5	48.2	50.9	56.4	60.9	63.5	67.4	67.9	68.7	70.3	71.3	71.6	71.9	72.0	73.1
GE 3000	36.7	38.2	51.8	54.7	61.6	66.4	69.1	73.9	74.8	75.8	78.1	79.2	79.5	79.8	80.0	81.0
GE 2500	37.3	38.8	52.6	55.5	62.4	67.1	69.9	74.6	75.8	77.1	79.4	80.4	80.7	81.0	81.2	82.3
GE 2000	38.1	39.6	53.4	56.4	63.3	68.0	70.9	75.7	76.9	78.1	80.4	81.5	81.8	82.1	82.3	83.3
GE 1800	38.2	39.8	53.5	56.6	63.5	68.2	71.1	75.8	77.1	78.3	80.6	81.7	82.0	82.3	82.4	83.5
GE 1500	38.7	40.4	54.6	57.6	64.5	69.9	73.1	78.3	79.7	80.9	83.2	84.3	84.6	84.9	85.0	86.1
GE 1200	39.0	40.7	54.9	58.0	64.8	70.2	73.5	78.9	80.3	81.5	83.8	84.9	85.2	85.5	85.6	86.7
GE 1000	39.4	41.1	55.4	58.4	66.1	71.6	75.1	81.3	82.7	83.9	86.2	87.3	87.6	87.9	88.1	89.1
GE 900	39.4	41.1	55.4	58.4	66.2	71.7	75.2	81.8	83.2	84.4	86.7	87.8	88.1	88.4	88.5	89.6
GE 800	39.4	41.1	55.5	58.6	66.5	72.2	75.7	82.6	83.9	85.2	87.5	88.5	88.8	89.1	89.3	90.4
GE 700	39.4	41.1	55.7	58.7	67.1	72.9	76.5	83.5	85.2	86.4	88.8	89.9	90.2	90.5	90.7	91.7
GE 600	39.4	41.1	55.7	58.7	67.4	73.2	76.8	83.8	85.5	86.7	89.1	90.4	90.7	91.0	91.1	92.2
GE 500	39.4	41.1	55.7	58.7	67.7	74.5	78.3	85.8	87.8	89.0	91.6	93.3	93.6	93.9	94.0	95.1
GE 400	39.4	41.1	55.7	58.7	67.9	74.8	79.1	86.9	89.6	90.8	94.8	96.8	97.1	97.4	97.6	98.6
GE 300	39.4	41.1	55.7	58.7	67.9	74.8	79.2	87.0	89.8	91.0	95.4	97.6	98.0	98.3	98.5	99.5
GE 200	39.4	41.1	55.7	58.7	67.9	74.8	79.2	87.0	89.8	91.0	95.4	98.0	98.5	98.8	98.9	100.0
GE 100	39.4	41.1	55.7	58.7	67.9	74.8	79.2	87.0	89.8	91.0	95.4	98.0	98.5	98.8	98.9	100.0
GE 000	39.4	41.1	55.7	58.7	67.9	74.8	79.2	87.0	89.8	91.0	95.4	98.0	98.5	98.8	98.9	100.0

TOTAL NUMBER OF OBSERVATIONS 654

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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 CEIL	25.1	26.2	31.2	31.7	34.3	35.8	36.1	36.5	37.0	37.6	37.6	37.6	37.7	37.7	37.7	37.7
GE 20000	29.3	30.3	37.0	38.0	40.8	42.3	42.6	43.0	43.5	44.1	44.1	44.1	44.2	44.2	44.2	44.2
GE 18000	30.0	31.1	37.7	38.8	41.6	43.0	43.3	43.8	44.2	44.8	44.8	44.8	45.0	45.0	45.0	45.0
GE 16000	30.0	31.1	37.7	38.8	41.6	43.0	43.3	43.8	44.2	44.8	44.8	44.8	45.0	45.0	45.0	45.0
GE 14000	30.6	31.7	38.3	39.3	42.2	43.6	43.9	44.4	44.8	45.4	45.4	45.4	45.6	45.6	45.6	45.6
GE 12000	31.2	32.4	39.3	40.5	43.3	44.8	45.1	45.6	46.0	46.6	46.6	46.6	46.7	46.7	46.7	46.7
GE 10000	33.0	34.5	41.9	43.2	46.0	47.5	47.8	48.2	48.7	49.3	49.3	49.3	49.4	49.4	49.4	49.4
GE 9000	33.6	35.1	42.6	43.9	46.9	48.7	49.0	49.4	49.9	50.4	50.4	50.4	50.6	50.6	50.6	50.6
GE 8000	36.2	38.2	47.0	48.5	51.8	53.6	54.0	54.7	55.2	55.8	55.8	55.8	55.9	55.9	55.9	55.9
GE 7000	36.8	38.8	47.6	49.1	52.8	54.6	55.3	56.1	56.7	57.2	57.2	57.2	57.4	57.4	57.4	57.4
GE 6000	37.4	39.3	48.4	49.9	53.6	55.3	56.1	56.8	57.4	58.0	58.0	58.0	58.1	58.1	58.1	58.1
GE 5000	38.8	40.7	50.7	52.4	56.2	58.1	58.9	59.6	60.2	60.8	60.9	60.9	61.1	61.1	61.1	61.1
GE 4500	41.0	43.0	53.6	55.2	59.2	61.1	61.8	62.6	63.2	63.8	63.9	63.9	64.1	64.1	64.1	64.1
GE 4000	42.8	45.1	56.2	58.1	62.9	64.9	65.8	66.7	67.5	68.2	68.3	68.5	68.6	68.6	68.6	68.6
GE 3500	44.4	46.9	58.3	60.2	64.9	67.2	68.2	69.1	70.0	70.7	70.9	71.0	71.2	71.2	71.2	71.2
GE 3000	48.8	52.1	64.8	66.9	72.6	75.0	76.3	77.5	78.4	79.4	79.7	79.9	80.0	80.0	80.0	80.0
GE 2500	49.9	53.1	66.1	68.5	74.6	76.9	78.4	79.6	80.5	81.5	81.8	82.0	82.1	82.1	82.1	82.1
GE 2000	50.7	54.0	67.6	70.3	77.2	79.7	81.2	82.5	83.7	84.8	85.1	85.2	85.4	85.4	85.4	85.4
GE 1800	51.2	54.4	68.2	70.9	77.8	80.3	81.8	83.1	84.3	85.4	85.7	85.8	85.9	85.9	85.9	85.9
GE 1500	51.5	54.7	68.8	72.0	79.1	81.7	83.3	84.8	85.9	87.0	87.4	87.6	87.7	87.7	87.7	87.7
GE 1200	52.1	55.5	69.7	72.9	80.8	83.4	85.4	87.0	88.2	89.2	89.9	90.1	90.2	90.2	90.2	90.2
GE 1000	52.8	56.2	70.4	73.7	82.1	85.5	87.6	89.2	90.4	91.4	92.2	92.3	92.5	92.5	92.5	92.5
GE 900	52.8	56.2	70.6	73.8	82.5	85.9	88.0	89.8	91.0	92.0	92.8	92.9	93.0	93.0	93.0	93.0
GE 800	52.8	56.2	70.6	74.0	83.1	86.5	88.6	90.4	91.6	92.6	93.5	93.6	93.8	93.8	93.8	93.8
GE 700	52.8	56.2	70.6	74.0	83.1	86.8	88.9	90.8	92.2	93.2	94.1	94.4	94.5	94.5	94.5	94.5
GE 600	52.8	56.2	70.6	74.0	83.3	87.3	89.8	91.7	93.3	94.5	95.4	95.7	95.9	95.9	95.9	95.9
GE 500	52.8	56.2	70.7	74.1	83.9	88.2	90.7	93.3	95.1	96.3	97.2	97.5	97.6	97.6	97.6	97.6
GE 400	52.8	56.2	70.7	74.1	83.9	88.8	91.3	94.2	96.2	97.3	98.4	99.0	99.1	99.1	99.1	99.1
GE 300	52.8	56.2	70.7	74.1	83.9	88.8	91.3	94.2	96.2	97.3	98.5	99.1	99.3	99.3	99.3	99.3
GE 200	52.8	56.2	70.7	74.1	83.9	88.8	91.3	94.2	96.2	97.3	98.5	99.3	99.7	100.0	100.0	100.0
GE 100	52.8	56.2	70.7	74.1	83.9	88.8	91.3	94.2	96.2	97.3	98.5	99.3	99.7	100.0	100.0	100.0
GE 000	52.8	56.2	70.7	74.1	83.9	88.8	91.3	94.2	96.2	97.3	98.5	99.3	99.7	100.0	100.0	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	28.5	29.5	32.3	33.1	34.0	34.3	34.6	34.7	34.9	34.9	34.9	34.9	34.9	34.9	34.9	34.9
GE 20000	32.2	34.4	37.6	38.3	39.5	39.9	40.2	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 18000	32.5	34.7	37.9	38.6	39.8	40.2	40.5	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 16000	32.5	34.7	37.9	38.6	39.8	40.2	40.5	40.7	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
GE 14000	33.1	35.3	38.5	39.2	40.4	40.8	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 12000	34.0	36.2	39.3	40.5	41.7	42.2	42.5	42.6	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
GE 10000	36.5	39.0	42.2	43.5	44.7	45.2	45.5	45.6	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
GE 9000	37.3	39.8	42.9	44.4	45.6	46.3	46.8	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 8000	39.8	42.8	46.2	47.7	48.9	49.6	50.1	50.2	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
GE 7000	40.8	44.0	47.4	48.9	50.4	51.1	51.6	51.7	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 6000	41.3	44.7	48.1	49.6	51.1	51.9	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 5000	43.2	46.6	50.4	52.2	53.9	54.7	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 4500	45.0	48.7	52.5	54.5	56.5	57.2	57.7	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
GE 4000	49.2	53.2	57.1	59.2	61.7	62.6	63.0	63.3	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 3500	51.1	55.3	59.3	61.8	64.5	65.6	66.2	66.5	66.6	66.6	66.6	66.6	66.6	66.6	66.6	66.6
GE 3000	58.4	62.9	68.1	71.2	75.0	76.0	76.6	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
GE 2500	61.0	65.4	71.2	74.4	78.2	79.3	79.9	80.5	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 2000	63.2	67.7	75.1	78.2	83.2	84.4	85.1	85.7	86.1	86.1	86.1	86.3	86.3	86.3	86.3	86.3
GE 1800	63.8	68.3	75.9	79.0	83.9	85.2	86.3	87.0	87.5	87.5	87.5	87.6	87.6	87.6	87.6	87.6
GE 1500	65.3	69.7	77.5	81.5	87.2	88.8	89.9	90.6	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2
GE 1200	66.0	70.5	78.8	82.9	89.3	91.1	92.3	93.0	93.4	93.4	93.4	93.6	93.6	93.6	93.6	93.6
GE 1000	66.3	70.8	79.4	83.5	90.8	92.8	94.2	94.9	95.4	95.4	95.5	95.7	95.7	95.7	95.7	95.7
GE 900	66.3	70.8	79.4	83.6	90.9	93.0	94.3	95.2	95.8	95.8	96.0	96.4	96.4	96.4	96.4	96.4
GE 800	66.3	70.8	79.4	83.6	91.4	93.4	94.8	96.1	96.7	96.7	96.9	97.3	97.3	97.3	97.3	97.3
GE 700	66.3	70.8	79.4	83.6	91.5	94.0	95.4	96.7	97.3	97.3	97.5	97.9	97.9	97.9	97.9	97.9
GE 600	66.3	70.8	79.4	83.8	92.1	94.6	96.1	97.6	98.2	98.2	98.4	98.8	98.8	98.8	98.8	98.8
GE 500	66.5	71.1	79.7	84.1	92.4	94.9	96.4	97.9	98.5	98.5	98.7	99.1	99.1	99.1	99.1	99.1
GE 400	66.5	71.1	79.7	84.2	92.7	95.2	96.7	98.2	98.8	98.8	99.0	99.6	99.6	99.6	99.6	99.6
GE 300	66.5	71.1	79.7	84.2	92.7	95.2	96.7	98.4	99.1	99.1	99.3	99.9	99.9	99.9	99.9	99.9
GE 200	66.5	71.1	79.7	84.2	92.7	95.2	96.7	98.4	99.1	99.1	99.3	99.9	100.0	100.0	100.0	100.0
GE 100	66.5	71.1	79.7	84.2	92.7	95.2	96.7	98.4	99.1	99.1	99.3	99.9	100.0	100.0	100.0	100.0
GE 000	66.5	71.1	79.7	84.2	92.7	95.2	96.7	98.4	99.1	99.1	99.3	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR 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	29.8	32.2	34.6	35.1	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3	35.3
GE 20000	34.3	37.1	40.3	40.9	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 18000	35.3	38.2	41.4	42.1	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 16000	35.3	38.2	41.4	42.1	42.4	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
GE 14000	35.9	38.8	42.1	42.7	43.0	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 12000	37.1	40.0	43.2	43.9	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 10000	38.8	41.7	45.3	46.0	46.3	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 9000	40.1	43.0	46.6	47.2	47.6	48.4	48.4	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
GE 8000	44.7	47.7	52.1	52.8	53.1	53.9	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 7000	46.3	49.8	54.4	55.2	55.5	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 6000	46.8	50.3	54.9	55.7	56.0	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	48.9	52.4	57.3	58.1	58.7	59.5	59.5	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500	51.1	54.9	59.9	60.7	61.8	62.6	62.6	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 4000	55.7	59.7	65.0	66.5	67.8	68.6	68.6	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 3500	56.8	61.0	67.2	68.9	70.6	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3000	63.8	68.1	75.1	77.5	79.6	80.9	81.1	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	66.2	70.6	78.5	80.9	83.2	84.5	85.0	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
GE 2000	68.0	72.5	81.7	84.3	87.4	88.7	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1800	68.1	72.7	82.4	85.0	88.2	89.5	90.3	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	69.3	73.9	84.0	86.9	90.6	92.2	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1200	69.3	73.9	85.0	87.9	92.1	93.7	94.7	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1000	69.6	74.3	85.3	88.3	93.4	95.0	96.1	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 900	69.6	74.3	85.3	88.3	93.5	95.1	96.3	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	69.6	74.3	85.3	88.3	93.7	95.3	96.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	69.6	74.3	85.4	88.5	94.0	96.0	97.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	69.6	74.3	85.4	88.5	94.2	96.1	97.4	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	69.6	74.3	85.4	88.5	94.2	96.1	97.4	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	69.6	74.3	85.4	88.5	94.2	96.1	97.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	69.6	74.3	85.4	88.5	94.2	96.1	97.4	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 200	69.6	74.3	85.4	88.5	94.2	96.1	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.6	74.3	85.4	88.5	94.2	96.1	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.6	74.3	85.4	88.5	94.2	96.1	97.4	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 618

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: APR 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	33.9	35.7	37.1	37.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 20000	42.2	44.7	47.4	48.0	50.1	50.4	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 18000	43.0	45.5	48.3	48.8	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	43.0	45.5	48.3	48.8	51.0	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	43.1	45.6	48.5	49.0	51.2	51.5	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 12000	44.4	46.9	49.7	50.3	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 10000	46.5	49.0	51.9	52.4	54.5	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 9000	47.1	49.7	52.8	53.3	55.4	55.8	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 8000	52.2	55.6	59.5	60.2	62.4	62.7	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 7000	52.8	56.1	60.1	61.0	63.8	64.2	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 6000	53.1	56.5	60.4	61.3	64.2	64.5	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
GE 5000	54.9	58.3	62.6	63.6	66.8	67.2	67.9	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 4500	56.0	59.4	64.0	65.1	68.3	68.6	69.3	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4000	59.9	63.6	69.3	70.9	75.0	75.6	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3500	60.6	64.3	70.8	72.4	76.5	77.0	78.1	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3000	62.7	66.5	73.3	75.0	80.7	81.3	82.9	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
GE 2500	64.0	67.7	76.3	78.1	84.3	84.8	86.5	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2000	64.9	68.6	78.3	80.0	87.3	87.9	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1800	64.9	68.6	78.3	80.0	87.3	87.9	89.8	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1500	65.1	68.8	78.6	80.6	88.2	88.9	91.1	92.3	92.3	92.3	92.3	92.5	92.5	92.5	92.5	92.5
GE 1200	65.6	69.5	79.7	81.6	89.7	90.7	92.9	94.3	94.3	94.3	94.3	94.7	94.7	94.7	94.7	94.7
GE 1000	66.0	69.9	80.0	82.0	90.4	91.4	93.6	95.2	95.2	95.2	95.2	95.5	95.5	95.5	95.5	95.5
GE 900	66.0	69.9	80.6	82.5	90.9	92.0	94.1	95.7	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1
GE 800	66.0	69.9	80.6	82.5	90.9	92.0	94.1	95.7	95.7	95.7	95.7	96.1	96.1	96.1	96.1	96.1
GE 700	66.0	69.9	80.7	82.9	91.3	92.3	94.8	96.6	96.6	96.6	96.8	97.1	97.1	97.1	97.1	97.1
GE 600	66.0	69.9	80.7	82.9	91.3	92.3	94.8	96.8	97.0	97.0	97.7	98.0	98.0	98.0	98.0	98.0
GE 500	66.0	69.9	80.7	82.9	91.3	92.3	95.0	97.0	97.5	97.9	98.6	98.9	98.9	98.9	98.9	98.9
GE 400	66.0	69.9	80.7	82.9	91.3	92.3	95.0	97.9	98.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0
GE 300	66.0	69.9	80.7	82.9	91.3	92.3	95.0	97.9	98.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0
GE 200	66.0	69.9	80.7	82.9	91.3	92.3	95.0	97.9	98.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0
GE 100	66.0	69.9	80.7	82.9	91.3	92.3	95.0	97.9	98.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0
GE 000	66.0	69.9	80.7	82.9	91.3	92.3	95.0	97.9	98.6	98.9	99.6	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 561

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	35.6	38.8	40.3	40.4	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 20000	39.7	43.1	45.7	45.9	50.2	50.2	50.2	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7	50.7
GE 18000	40.1	43.4	46.1	46.3	50.6	50.6	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 16000	40.1	43.4	46.1	46.3	50.6	50.6	50.6	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 14000	40.3	43.6	46.3	46.4	50.7	50.7	50.7	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 12000	41.4	44.8	47.4	47.6	51.9	51.9	51.9	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 10000	43.1	46.4	49.4	49.8	54.1	54.1	54.1	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 9000	43.8	47.2	50.4	50.7	55.1	55.1	55.2	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8	55.8
GE 8000	47.6	51.3	55.6	56.0	60.9	60.9	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	47.9	51.7	56.0	57.3	62.9	62.9	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 6000	48.3	52.1	56.4	57.7	63.3	63.3	63.5	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 5000	49.6	53.4	58.2	59.6	65.9	65.9	66.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	50.9	54.7	60.3	61.6	68.0	68.0	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 4000	53.2	56.9	63.5	64.8	72.3	72.5	72.7	73.8	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0
GE 3500	53.2	56.9	64.0	65.4	73.2	73.4	73.6	74.7	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	56.0	59.9	68.4	69.9	78.7	78.8	79.6	81.6	81.8	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 2500	56.7	60.7	71.0	72.8	82.4	82.6	83.5	86.1	86.3	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 2000	56.9	60.9	72.5	74.7	84.5	84.6	85.6	88.2	88.8	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1800	58.1	62.0	73.8	76.0	86.0	86.1	87.1	89.7	90.3	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 1500	58.2	62.2	74.2	76.6	87.1	87.5	88.4	91.0	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 1200	58.4	62.4	74.5	77.0	88.6	89.1	90.3	93.4	94.0	94.2	94.4	94.6	94.6	94.6	94.6	94.6
GE 1000	58.4	62.4	74.7	77.2	89.0	89.7	91.0	94.2	94.8	94.9	95.1	95.3	95.3	95.3	95.3	95.3
GE 900	58.4	62.4	74.7	77.2	89.1	89.9	91.2	94.4	94.9	95.1	95.3	95.5	95.5	95.5	95.5	95.5
GE 800	58.4	62.4	75.1	77.7	89.7	90.6	91.9	95.5	96.1	96.3	96.4	96.6	96.6	96.6	96.6	96.6
GE 700	58.4	62.4	75.1	77.7	89.9	90.8	92.1	95.9	96.4	96.6	97.0	97.2	97.2	97.2	97.2	97.2
GE 600	58.4	62.4	75.1	77.7	89.9	90.8	92.1	96.8	97.9	98.1	98.7	98.9	98.9	98.9	98.9	98.9
GE 500	58.4	62.4	75.1	77.7	89.9	90.8	92.3	97.0	98.1	98.5	99.3	99.4	99.4	99.4	99.4	99.4
GE 400	58.4	62.4	75.1	77.7	89.9	91.0	92.5	97.2	98.3	98.7	99.4	99.6	99.6	99.6	99.6	99.6
GE 300	58.4	62.4	75.1	77.7	89.9	91.0	92.5	97.2	98.3	98.7	99.4	99.6	99.6	99.6	99.6	99.6
GE 200	58.4	62.4	75.1	77.7	89.9	91.0	92.5	97.2	98.3	98.7	99.4	99.8	100.0	100.0	100.0	100.0
GE 100	58.4	62.4	75.1	77.7	89.9	91.0	92.5	97.2	98.3	98.7	99.4	99.8	100.0	100.0	100.0	100.0
GE 000	58.4	62.4	75.1	77.7	89.9	91.0	92.5	97.2	98.3	98.7	99.4	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 534

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	27.8	29.3	33.0	33.8	36.7	37.5	37.8	38.4	38.6	38.7	38.8	38.9	38.9	38.9	38.9	39.0
GE 20000	31.9	33.8	38.2	39.2	42.5	43.5	43.8	44.5	44.7	44.9	45.0	45.0	45.1	45.1	45.1	45.2
GE 18000	32.5	34.3	38.8	39.8	43.1	44.0	44.4	45.1	45.3	45.4	45.5	45.6	45.7	45.7	45.7	45.8
GE 16000	32.5	34.3	38.8	39.8	43.1	44.0	44.4	45.1	45.3	45.4	45.5	45.6	45.7	45.7	45.7	45.8
GE 14000	32.8	34.7	39.2	40.2	43.5	44.4	44.8	45.5	45.6	45.8	45.9	46.0	46.1	46.1	46.1	46.2
GE 12000	33.6	35.5	40.1	41.2	44.5	45.5	45.8	46.5	46.7	46.9	47.0	47.0	47.1	47.1	47.1	47.2
GE 10000	35.4	37.4	42.4	43.5	47.0	48.0	48.3	49.1	49.2	49.4	49.5	49.6	49.7	49.7	49.7	49.8
GE 9000	36.0	38.1	43.2	44.3	47.9	49.0	49.5	50.3	50.5	50.7	50.7	50.9	50.9	51.0	51.0	51.1
GE 8000	39.3	41.8	47.9	49.2	53.1	54.4	55.0	56.1	56.2	56.4	56.7	56.8	56.9	56.9	56.9	57.0
GE 7000	40.3	42.8	49.0	50.5	54.8	56.1	56.8	57.9	58.1	58.3	58.5	58.6	58.7	58.7	58.8	58.9
GE 6000	40.6	43.3	49.5	51.0	55.3	56.6	57.3	58.4	58.6	58.8	59.0	59.1	59.2	59.2	59.3	59.4
GE 5000	42.3	44.9	51.9	53.6	58.2	59.7	60.4	61.8	62.0	62.2	62.4	62.5	62.6	62.7	62.7	62.8
GE 4500	43.7	46.4	53.7	55.4	60.2	61.7	62.4	63.8	64.0	64.2	64.4	64.6	64.7	64.7	64.8	64.9
GE 4000	46.8	49.8	57.6	59.6	65.0	66.6	67.3	68.8	69.1	69.4	69.7	69.9	70.0	70.1	70.1	70.2
GE 3500	47.9	50.9	59.2	61.4	66.9	68.6	69.5	71.0	71.3	71.6	71.9	72.1	72.2	72.3	72.3	72.5
GE 3000	52.0	55.3	64.6	67.0	73.6	75.5	76.6	78.6	78.9	79.4	79.9	80.1	80.2	80.3	80.3	80.5
GE 2500	53.3	56.6	66.8	69.2	76.1	78.0	79.2	81.3	81.7	82.2	82.7	82.9	83.0	83.1	83.2	83.3
GE 2000	54.4	57.7	68.8	71.5	78.9	80.9	82.2	84.5	85.0	85.5	86.0	86.3	86.4	86.5	86.5	86.7
GE 1800	54.7	58.1	69.3	72.0	79.5	81.5	82.9	85.7	86.2	86.7	87.0	87.1	87.2	87.2	87.2	87.4
GE 1500	55.3	58.7	70.2	73.2	81.2	83.4	84.9	87.3	87.9	88.4	88.9	89.3	89.3	89.4	89.5	89.6
GE 1200	55.7	59.2	71.0	74.0	82.6	85.0	86.6	89.2	89.7	90.2	90.8	91.2	91.3	91.4	91.4	91.6
GE 1000	56.0	59.5	71.4	74.5	83.7	86.3	88.1	90.8	91.3	91.8	92.5	92.8	92.9	93.0	93.0	93.2
GE 900	56.0	59.5	71.6	74.6	83.9	86.6	88.3	91.2	91.7	92.3	92.9	93.3	93.4	93.5	93.5	93.7
GE 800	56.0	59.5	71.7	74.8	84.3	87.1	88.9	91.9	92.5	93.0	93.6	94.1	94.2	94.2	94.3	94.4
GE 700	56.1	59.5	71.8	75.0	84.9	87.8	89.7	92.9	93.6	94.1	94.8	95.2	95.3	95.4	95.4	95.6
GE 600	56.1	59.5	71.9	75.0	85.2	88.1	90.2	93.6	94.4	94.9	95.7	96.2	96.3	96.4	96.4	96.6
GE 500	56.1	59.6	72.0	75.2	85.5	88.6	90.8	94.4	95.3	95.9	96.8	97.4	97.5	97.5	97.6	97.7
GE 400	56.1	59.6	72.0	75.2	85.6	88.9	91.1	95.0	96.1	96.8	97.9	98.6	98.7	98.8	98.8	99.0
GE 300	56.1	59.6	72.0	75.2	85.6	88.9	91.1	95.1	96.3	97.0	98.2	99.0	99.1	99.1	99.2	99.4
GE 200	56.1	59.6	72.0	75.2	85.6	88.9	91.1	95.2	96.3	97.0	98.3	99.1	99.4	99.5	99.5	99.8
GE 100	56.1	59.6	72.0	75.2	85.6	88.9	91.1	95.2	96.4	97.0	98.3	99.2	99.4	99.5	99.6	100.0
GE 000	56.1	59.6	72.0	75.2	85.6	88.9	91.1	95.2	96.4	97.0	98.3	99.2	99.4	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4298

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550 STATION NAME: ANSBACH AHP/KATTERBACH DL PERIOD OF RECORD: JAN 82 - DEC 91
 LST TO UTC: - 1 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	29.6	33.3	36.0	36.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 20000	32.8	36.6	39.2	39.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 18000	32.8	36.6	39.2	39.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 16000	32.8	36.6	39.2	39.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 14000	32.8	36.6	39.2	39.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 12000	32.8	36.6	39.2	39.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 10000	33.9	37.6	40.3	41.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 9000	33.9	37.6	40.3	41.4	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2
GE 8000	40.3	44.6	47.3	48.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 7000	43.0	47.3	50.0	51.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 6000	43.0	47.3	50.0	51.1	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 5000	43.0	47.3	51.1	52.2	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.0
GE 4500	43.0	47.3	52.2	53.2	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 4000	45.7	50.0	60.8	61.8	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	47.3	51.6	62.4	63.4	69.9	70.4	71.0	71.5	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 3000	52.7	57.0	71.0	72.0	80.1	81.2	82.8	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2500	52.7	57.0	71.0	72.0	80.1	81.2	82.8	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	52.7	57.0	71.0	72.0	80.6	82.8	84.4	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1800	52.7	57.0	71.0	72.0	80.6	82.8	84.4	85.5	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 1500	52.7	57.0	72.6	73.7	82.3	84.4	86.0	87.6	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
GE 1200	54.3	58.6	74.2	75.3	83.9	86.0	87.6	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 1000	54.3	58.6	74.2	75.3	83.9	86.0	87.6	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 900	54.3	58.6	74.2	75.3	83.9	86.0	87.6	89.2	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
GE 800	54.3	58.6	74.2	75.3	84.4	86.6	88.2	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.3
GE 700	54.3	58.6	75.8	76.9	86.0	88.2	89.8	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 600	54.3	58.6	75.8	76.9	86.0	88.2	89.8	91.4	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 500	54.3	58.6	77.4	78.5	89.2	91.4	93.0	96.8	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 400	54.3	58.6	77.4	78.5	89.2	91.4	93.0	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 300	54.3	58.6	77.4	78.5	89.2	91.4	93.0	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 200	54.3	58.6	77.4	78.5	89.2	91.4	93.0	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 100	54.3	58.6	77.4	78.5	89.2	91.4	93.0	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	100.0
GE 000	54.3	58.6	77.4	78.5	89.2	91.4	93.0	96.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	28.8	29.5	37.0	39.0	46.1	47.2	48.3	49.2	49.2	49.2	49.4	49.4	49.4	49.7	49.7	50.1
GE 20000	30.8	31.5	39.9	41.9	50.3	51.7	52.8	53.9	53.9	53.9	54.1	54.1	54.1	54.3	54.3	54.8
GE 18000	30.8	31.5	39.9	41.9	50.3	51.7	52.8	53.9	53.9	53.9	54.1	54.1	54.1	54.3	54.3	54.8
GE 16000	30.8	31.5	39.9	41.9	50.3	51.7	52.8	53.9	53.9	53.9	54.1	54.1	54.1	54.3	54.3	54.8
GE 14000	30.8	31.5	40.1	42.1	50.6	51.9	53.0	54.1	54.1	54.1	54.3	54.3	54.3	54.5	54.5	55.0
GE 12000	31.0	31.7	41.2	43.2	51.7	53.0	54.3	55.4	55.4	55.4	55.7	55.7	55.7	55.9	55.9	56.3
GE 10000	31.9	32.6	42.8	44.8	53.7	55.0	56.3	57.4	57.4	57.4	57.6	57.6	57.6	57.9	57.9	58.3
GE 9000	32.2	32.8	43.2	45.2	54.1	55.4	56.8	57.9	57.9	57.9	58.1	58.1	58.1	58.5	58.5	59.0
GE 8000	34.1	34.8	45.7	47.9	57.4	58.8	60.1	61.2	61.4	61.4	61.6	61.6	61.6	62.1	62.1	62.5
GE 7000	35.3	35.9	47.2	49.4	59.4	60.8	62.1	63.2	63.4	63.4	63.6	63.6	63.6	64.1	64.1	64.5
GE 6000	35.5	36.1	47.5	49.7	59.6	61.0	62.3	63.4	63.6	63.6	63.9	63.9	63.9	64.3	64.3	64.7
GE 5000	36.1	36.8	48.6	51.0	61.6	63.4	65.0	66.1	66.5	66.5	66.7	66.7	66.7	67.2	67.2	67.6
GE 4500	36.4	37.0	50.1	52.5	63.4	65.2	66.7	67.8	68.3	68.3	68.5	68.5	68.5	69.0	69.0	69.4
GE 4000	37.5	38.4	51.9	54.8	66.3	69.0	70.5	72.1	73.2	73.2	73.4	73.4	73.4	73.8	73.8	74.3
GE 3500	37.5	38.4	52.8	55.7	67.6	70.5	72.1	73.6	74.7	74.7	74.9	75.2	75.2	75.6	75.6	76.1
GE 3000	40.6	41.7	57.0	60.1	73.2	76.5	78.3	79.8	80.9	80.9	81.2	81.6	81.6	82.0	82.0	82.5
GE 2500	40.6	41.7	57.0	60.3	73.6	76.9	78.7	80.3	81.4	81.4	81.6	82.0	82.0	82.5	82.5	82.9
GE 2000	41.5	42.8	58.3	61.6	76.1	79.6	81.4	82.9	84.0	84.3	84.5	84.9	84.9	85.4	85.4	85.8
GE 1800	41.7	43.0	58.5	61.9	76.3	79.8	81.6	83.1	84.3	84.5	84.7	85.1	85.1	85.6	85.6	86.0
GE 1500	42.1	43.5	59.6	63.0	77.4	81.2	82.9	84.9	86.5	86.7	86.9	87.4	87.4	87.8	87.8	88.2
GE 1200	42.6	43.9	61.0	64.3	78.9	82.7	84.5	86.7	88.2	88.7	88.9	89.4	89.4	89.8	89.8	90.2
GE 1000	42.8	44.1	61.6	65.2	80.5	84.7	86.7	88.9	90.5	90.9	91.1	91.6	91.6	92.0	92.0	92.5
GE 900	42.8	44.1	61.6	65.2	80.9	85.1	87.1	89.4	90.9	91.4	91.6	92.0	92.0	92.5	92.5	92.9
GE 800	42.8	44.1	61.6	65.2	81.2	85.4	87.4	89.8	91.4	91.8	92.0	92.5	92.7	93.1	93.1	93.6
GE 700	42.8	44.1	61.6	65.2	81.2	86.0	88.0	90.5	92.0	92.5	92.7	93.1	93.3	93.8	93.8	94.2
GE 600	42.8	44.1	61.6	65.2	81.2	86.0	88.0	90.5	92.0	92.5	92.7	93.1	93.3	93.8	93.8	94.2
GE 500	42.8	44.1	61.6	65.2	82.0	87.1	89.1	91.8	93.3	93.8	94.0	95.1	95.3	95.8	95.8	96.2
GE 400	42.8	44.1	61.6	65.2	82.0	87.1	89.4	92.2	93.8	94.5	94.9	96.0	96.2	96.7	96.7	97.1
GE 300	42.8	44.1	61.6	65.2	82.0	87.1	89.4	92.2	94.2	94.9	95.6	96.9	97.1	97.6	97.6	98.0
GE 200	42.8	44.1	61.6	65.2	82.0	87.1	89.4	92.2	94.2	95.3	96.0	97.6	97.8	98.2	98.2	99.3
GE 100	42.8	44.1	61.6	65.2	82.0	87.1	89.4	92.2	94.2	95.6	96.5	98.0	98.2	98.7	98.7	100.0
GE 000	42.8	44.1	61.6	65.2	82.0	87.1	89.4	92.2	94.2	95.6	96.5	98.0	98.2	98.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 451

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY 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	23.4	24.1	30.9	33.1	39.1	40.4	41.6	42.3	42.8	43.0	43.5	43.5	43.5	43.6	43.6	43.8
GE 20000	26.8	27.7	35.4	37.9	44.5	46.0	47.2	48.1	48.5	48.8	49.3	49.3	49.3	49.4	49.4	49.6
GE 18000	26.9	27.8	35.5	38.0	44.7	46.2	47.5	48.4	48.8	49.1	49.6	49.6	49.6	49.7	49.7	49.9
GE 16000	26.9	27.8	35.5	38.0	44.7	46.2	47.5	48.4	48.8	49.1	49.6	49.6	49.6	49.7	49.7	49.9
GE 14000	27.1	28.0	36.1	38.6	45.7	47.2	48.5	49.4	49.9	50.1	50.6	50.6	50.6	50.7	50.7	50.9
GE 12000	27.1	28.0	36.1	38.8	45.9	47.3	48.7	49.6	50.0	50.3	50.7	50.7	50.7	50.9	50.9	51.0
GE 10000	28.6	29.4	38.0	40.7	48.2	49.7	51.0	52.1	52.5	52.8	53.3	53.3	53.3	53.4	53.4	53.6
GE 9000	28.7	29.6	39.1	41.7	49.4	50.9	52.2	53.3	53.7	54.0	54.4	54.4	54.4	54.6	54.6	54.7
GE 8000	30.6	31.5	42.8	45.7	54.6	56.1	57.5	58.6	59.2	59.6	60.1	60.1	60.1	60.2	60.2	60.4
GE 7000	31.7	32.8	44.5	47.5	56.5	58.0	59.5	60.7	61.4	61.8	62.3	62.3	62.3	62.4	62.4	62.6
GE 6000	32.4	33.6	45.3	48.2	57.4	58.9	60.4	61.5	62.3	62.7	63.2	63.2	63.2	63.3	63.3	63.5
GE 5000	33.6	34.8	46.7	49.7	59.9	61.5	63.2	64.5	65.2	65.7	66.1	66.1	66.1	66.3	66.3	66.4
GE 4500	34.3	35.5	47.8	50.9	61.1	62.7	64.3	65.8	66.6	67.0	67.5	67.5	67.5	67.6	67.6	67.8
GE 4000	36.4	37.6	50.9	54.6	65.4	67.6	69.8	71.4	72.3	72.9	73.4	73.4	73.4	73.5	73.5	73.7
GE 3500	37.0	38.2	51.8	55.5	66.6	68.8	71.0	72.6	73.5	74.3	74.7	74.7	74.7	74.9	74.9	75.0
GE 3000	38.2	39.5	53.6	58.0	70.0	72.5	74.9	76.5	77.7	78.6	79.0	79.0	79.0	79.1	79.1	79.3
GE 2500	38.5	39.8	53.8	58.4	70.4	72.9	75.3	76.9	78.1	79.0	79.4	79.4	79.4	79.6	79.6	79.7
GE 2000	39.1	40.5	55.2	59.9	72.5	75.3	77.8	79.6	80.8	81.7	82.1	82.1	82.1	82.2	82.2	82.4
GE 1800	39.2	40.7	55.3	60.1	72.6	75.4	78.0	79.7	80.9	81.8	82.2	82.2	82.2	82.4	82.4	82.5
GE 1500	40.4	42.2	57.4	62.1	74.9	78.1	80.6	82.8	84.0	84.9	85.4	85.4	85.4	85.5	85.5	85.7
GE 1200	40.8	42.6	58.0	62.7	76.0	79.6	82.1	84.5	85.7	86.5	87.0	87.0	87.0	87.1	87.1	87.3
GE 1000	40.8	42.6	58.0	62.7	76.3	79.9	82.7	85.1	86.2	87.1	87.7	87.7	87.7	87.9	87.9	88.0
GE 900	40.8	42.6	58.6	63.3	76.9	80.5	83.3	85.7	87.0	87.9	88.5	88.5	88.5	88.6	88.6	88.8
GE 800	40.8	42.6	58.6	63.3	77.5	81.1	84.3	86.7	88.0	88.9	89.5	89.5	89.5	89.6	89.6	89.8
GE 700	41.0	42.8	58.9	63.6	78.1	81.8	85.2	87.9	89.3	90.2	90.8	90.8	90.8	91.0	91.0	91.1
GE 600	41.0	42.8	58.9	63.6	78.4	82.1	85.7	88.5	89.9	90.8	91.4	91.4	91.4	91.6	91.6	91.7
GE 500	41.3	43.0	59.2	64.1	79.3	83.6	87.4	91.6	93.6	95.1	95.7	95.7	95.9	96.0	96.0	96.2
GE 400	41.3	43.0	59.2	64.1	79.3	83.6	87.6	91.7	94.1	96.2	97.3	97.3	97.5	97.6	97.6	97.8
GE 300	41.3	43.0	59.2	64.1	79.3	83.6	87.7	91.9	94.5	96.9	98.2	98.2	98.4	98.7	98.7	98.8
GE 200	41.3	43.0	59.2	64.1	79.3	83.6	87.7	91.9	94.5	97.0	98.4	98.4	98.5	98.8	98.8	99.6
GE 100	41.3	43.0	59.2	64.1	79.3	83.6	87.7	91.9	94.5	97.0	98.7	98.7	98.8	99.1	99.3	100.0
GE 000	41.3	43.0	59.2	64.1	79.3	83.6	87.7	91.9	94.5	97.0	98.7	98.7	98.8	99.1	99.3	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	29.6	31.2	35.5	36.4	37.1	37.2	37.8	38.0	38.0	38.0	38.1	38.1	38.1	38.1	38.1	38.1
GE 20000	34.1	35.9	41.1	42.4	43.7	43.9	44.4	44.6	44.6	44.6	44.7	44.7	44.7	44.7	44.7	44.7
GE 18000	34.3	36.2	41.4	42.7	44.0	44.2	44.7	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0
GE 16000	34.3	36.2	41.4	42.7	44.0	44.2	44.7	44.9	44.9	44.9	45.0	45.0	45.0	45.0	45.0	45.0
GE 14000	34.5	36.4	41.6	43.1	44.4	44.6	45.2	45.3	45.3	45.3	45.5	45.5	45.5	45.5	45.5	45.5
GE 12000	34.6	36.5	42.0	43.6	44.9	45.0	45.6	45.7	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9
GE 10000	35.6	37.7	43.6	45.2	46.6	46.8	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6
GE 9000	37.1	39.1	45.3	46.9	48.3	48.5	49.1	49.2	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4
GE 8000	40.4	42.9	49.5	51.2	53.7	53.8	54.4	54.5	54.5	54.5	54.7	54.7	54.7	54.7	54.7	54.7
GE 7000	42.6	45.0	51.9	53.7	56.9	57.0	57.6	57.7	57.7	57.7	57.9	57.9	57.9	57.9	57.9	57.9
GE 6000	42.9	45.3	52.2	54.3	57.4	57.6	58.2	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4
GE 5000	43.7	46.2	53.7	55.7	59.2	59.3	59.9	60.0	60.0	60.0	60.2	60.2	60.2	60.2	60.2	60.2
GE 4500	44.3	46.8	54.3	56.4	60.5	60.6	61.2	61.3	61.3	61.3	61.5	61.5	61.5	61.5	61.5	61.5
GE 4000	47.9	50.5	59.5	61.8	66.4	66.8	67.5	67.7	67.7	67.7	67.8	67.8	67.8	67.8	67.8	67.8
GE 3500	49.6	52.2	61.9	64.2	69.1	69.6	70.3	70.4	70.4	70.4	70.6	70.6	70.6	70.6	70.6	70.6
GE 3000	53.8	56.9	68.1	70.6	76.2	76.6	77.8	78.1	78.1	78.1	78.2	78.2	78.2	78.2	78.2	78.2
GE 2500	54.3	57.4	68.8	71.3	77.2	77.8	79.1	79.4	79.4	79.4	79.5	79.5	79.5	79.5	79.5	79.5
GE 2000	57.9	61.2	73.3	76.0	82.4	83.8	85.3	85.6	85.6	85.6	85.7	85.7	85.7	85.7	85.7	85.7
GE 1800	57.9	61.2	73.4	76.2	82.5	84.0	85.4	85.7	85.7	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 1500	59.7	63.2	75.9	78.6	85.1	86.7	88.2	88.7	88.7	88.7	88.9	88.9	88.9	88.9	88.9	88.9
GE 1200	60.6	64.1	77.2	79.9	87.0	88.6	90.0	90.8	90.8	90.8	90.9	90.9	90.9	90.9	90.9	90.9
GE 1000	61.2	64.8	78.4	81.2	88.6	90.3	91.9	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 900	61.2	64.8	78.4	81.2	88.6	90.3	91.9	92.6	92.6	92.6	92.8	92.8	92.8	92.8	92.8	92.8
GE 800	61.3	64.9	78.6	81.5	89.2	91.1	92.6	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5
GE 700	61.5	65.1	79.2	82.3	90.5	92.6	94.4	95.2	95.2	95.2	95.4	95.4	95.4	95.4	95.4	95.4
GE 600	61.5	65.1	79.2	82.3	90.8	92.9	94.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1	96.1	96.1
GE 500	61.6	65.4	79.5	82.5	91.1	93.2	95.1	97.3	97.4	97.5	97.7	97.7	97.7	97.7	97.7	97.7
GE 400	61.6	65.4	79.5	82.5	91.1	93.2	95.2	97.8	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7
GE 300	61.6	65.4	79.5	82.5	91.1	93.4	95.4	98.3	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0
GE 200	61.6	65.4	79.5	82.5	91.1	93.4	95.4	98.3	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0
GE 100	61.6	65.4	79.5	82.5	91.1	93.4	95.4	98.3	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0
GE 000	61.6	65.4	79.5	82.5	91.1	93.4	95.4	98.3	98.4	99.1	99.7	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 693

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	29.6	31.8	33.5	33.7	34.2	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5	34.5
GE 20000	34.8	37.3	39.7	40.0	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 18000	35.3	37.7	40.3	40.6	41.2	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
GE 16000	35.3	38.0	40.6	40.9	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 14000	35.3	38.0	40.6	40.9	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 12000	35.3	38.0	40.6	40.9	41.4	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7	41.7
GE 10000	36.8	39.9	42.7	43.0	43.6	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 9000	37.8	40.9	43.9	44.2	44.7	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0	45.0
GE 8000	41.0	44.5	48.1	48.6	49.8	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1	50.1
GE 7000	42.7	46.5	50.1	50.8	52.4	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
GE 6000	42.9	46.6	50.2	50.9	52.5	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 5000	44.3	48.1	51.7	52.4	54.1	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 4500	45.6	49.5	53.2	54.1	55.8	56.3	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4	56.4
GE 4000	51.5	56.1	60.1	61.3	63.5	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 3500	57.4	62.0	66.9	68.3	70.9	71.5	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
GE 3000	66.3	71.7	76.7	78.6	82.2	82.7	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	67.5	72.8	78.1	80.0	83.7	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2000	71.1	76.4	82.6	84.5	88.8	89.5	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1800	71.2	76.5	82.7	84.7	89.1	89.8	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
GE 1500	72.4	77.7	84.3	86.5	90.9	91.8	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5	92.5
GE 1200	73.1	78.4	85.5	87.6	92.4	93.2	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 1000	74.0	79.4	86.9	89.4	94.4	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 900	74.0	79.4	86.9	89.4	94.4	95.5	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 800	74.1	79.6	87.1	89.5	94.5	95.8	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 700	74.1	79.6	87.1	89.5	94.5	95.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 600	74.7	80.1	87.6	90.1	95.1	96.4	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 500	74.7	80.1	87.6	90.1	95.1	96.4	97.4	98.1	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 400	74.7	80.1	87.6	90.1	95.1	96.5	97.8	98.8	98.8	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 300	74.7	80.1	87.6	90.1	95.1	96.5	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	74.7	80.1	87.6	90.1	95.1	96.5	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	74.7	80.1	87.6	90.1	95.1	96.5	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	74.7	80.1	87.6	90.1	95.1	96.5	98.0	99.0	99.0	99.7	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 695

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	35.5	37.9	39.1	39.6	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 20000	41.6	44.3	46.1	46.5	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
GE 18000	42.3	45.0	46.7	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 16000	42.3	45.0	46.7	47.2	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 14000	42.4	45.1	47.0	47.5	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 12000	42.9	45.6	47.5	47.9	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 10000	44.5	47.3	49.2	49.7	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 9000	45.1	48.3	50.2	50.6	51.4	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 8000	49.5	53.2	55.4	56.0	57.1	57.1	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 7000	51.6	55.5	58.0	59.0	60.3	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 6000	51.9	55.8	58.4	59.3	60.6	60.9	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 5000	53.3	57.3	59.9	60.9	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 4500	54.3	58.4	61.2	62.1	63.4	63.7	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4000	61.0	65.6	68.6	69.9	71.9	72.6	72.7	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9	72.9
GE 3500	63.6	68.6	71.9	73.5	75.7	76.3	76.5	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3000	71.3	76.5	81.7	83.3	86.0	86.6	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
GE 2500	73.2	78.4	84.5	86.1	89.1	89.7	90.1	90.2	90.2	90.4	90.4	90.4	90.4	90.4	90.4	90.4
GE 2000	75.1	80.6	86.9	88.6	91.6	92.3	92.6	92.7	92.7	92.9	92.9	92.9	92.9	92.9	92.9	92.9
GE 1800	75.4	80.9	87.2	89.1	92.1	92.7	93.1	93.2	93.2	93.4	93.4	93.4	93.4	93.4	93.4	93.4
GE 1500	76.3	81.9	88.3	90.2	93.2	93.8	94.2	94.3	94.3	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 1200	76.8	82.3	88.8	90.7	93.8	95.0	95.3	95.4	95.4	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 1000	77.4	83.0	89.4	91.3	94.6	96.2	96.5	96.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 900	77.4	83.0	89.4	91.3	94.6	96.4	96.7	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	77.4	83.0	89.4	91.3	94.6	96.4	96.7	96.8	96.8	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	77.4	83.0	89.4	91.3	94.6	96.4	96.7	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 600	77.4	83.0	89.4	91.3	94.6	96.4	96.7	97.2	97.2	97.5	97.5	97.5	97.5	97.5	97.5	97.5
GE 500	77.4	83.0	89.6	91.5	95.1	96.8	97.3	98.1	98.3	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 400	77.4	83.0	89.6	91.5	95.1	97.0	97.8	98.6	98.7	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	77.4	83.0	89.6	91.5	95.1	97.0	97.8	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	77.4	83.0	89.6	91.5	95.1	97.0	97.8	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	77.4	83.0	89.6	91.5	95.1	97.0	97.8	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	77.4	83.0	89.6	91.5	95.1	97.0	97.8	98.9	99.1	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	41.9	43.7	45.9	46.4	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6	46.6
GE 20000	46.9	49.3	51.8	52.5	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 18000	47.7	50.0	52.5	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 16000	47.7	50.0	52.5	53.2	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 14000	48.0	50.4	52.9	53.6	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8	53.8
GE 12000	48.9	51.3	53.8	54.5	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 10000	50.2	53.1	55.6	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 9000	51.1	54.0	56.5	57.2	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 8000	56.1	60.1	62.6	63.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 7000	57.6	61.5	65.1	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 6000	58.1	62.1	65.6	66.7	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 5000	59.5	63.5	67.1	68.2	68.7	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 4500	61.2	65.1	69.2	70.5	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 4000	65.5	70.0	75.4	76.6	77.7	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 3500	66.5	71.6	77.7	79.0	80.0	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 3000	70.7	76.1	84.7	86.5	87.9	88.7	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8	88.8
GE 2500	71.4	76.8	86.0	87.8	89.6	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2000	72.1	77.5	87.1	88.8	90.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1800	72.1	77.5	87.1	88.8	90.6	91.7	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9	91.9
GE 1500	72.5	77.9	87.9	89.7	91.7	93.0	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	72.5	77.9	88.3	90.1	92.1	93.7	94.1	94.2	94.2	94.4	94.4	94.4	94.6	94.6	94.6	94.6
GE 1000	72.8	78.2	89.0	90.8	92.8	94.8	95.1	95.3	95.3	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 900	72.8	78.2	89.0	90.8	92.8	94.8	95.1	95.3	95.3	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 800	72.8	78.2	89.0	90.8	92.8	94.8	95.1	95.3	95.3	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 700	72.8	78.2	89.0	90.8	92.8	95.1	95.5	95.7	95.7	96.2	96.2	96.2	96.4	96.4	96.4	96.4
GE 600	72.8	78.2	89.0	90.8	92.8	95.3	95.7	96.2	96.2	96.8	96.8	96.8	96.9	96.9	96.9	96.9
GE 500	72.8	78.2	89.7	91.5	93.5	96.2	96.9	97.7	97.8	98.7	98.9	98.9	99.1	99.1	99.1	99.1
GE 400	72.8	78.2	89.7	91.5	93.5	96.4	97.3	98.6	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	72.8	78.2	89.7	91.5	93.5	96.4	97.3	98.6	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	72.8	78.2	89.7	91.5	93.5	96.4	97.3	98.6	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	72.8	78.2	89.7	91.5	93.5	96.4	97.3	98.6	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 000	72.8	78.2	89.7	91.5	93.5	96.4	97.3	98.6	98.7	99.6	99.8	99.8	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 556

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	44.7	46.3	49.9	49.9	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.5	50.5	50.5
GE 20000	47.1	49.1	52.7	52.7	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.3	53.3	53.3
GE 18000	47.3	49.3	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7
GE 16000	47.3	49.3	53.1	53.1	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.5	53.7	53.7	53.7
GE 14000	47.5	49.5	53.3	53.3	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.9	53.9	53.9
GE 12000	48.5	50.7	54.9	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.5	55.5	55.5
GE 10000	49.5	51.7	56.1	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.9	56.9	56.9
GE 9000	50.1	52.3	56.7	56.9	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.5	57.5	57.5
GE 8000	54.5	57.3	62.0	62.2	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.2	63.2	63.2
GE 7000	56.1	59.0	64.6	65.0	66.6	66.6	66.6	67.0	67.0	67.0	67.0	67.0	67.0	67.2	67.2	67.2
GE 6000	56.1	59.0	64.6	65.0	67.2	67.4	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.8	67.8	67.8
GE 5000	56.3	59.2	65.4	65.8	68.2	68.4	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.8	68.8	68.8
GE 4500	56.9	59.8	66.4	66.8	69.2	69.4	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.8	69.8	69.8
GE 4000	60.2	64.4	72.4	72.8	75.3	75.5	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.9	75.9	75.9
GE 3500	61.2	65.4	74.2	74.6	77.9	78.1	78.1	78.3	78.3	78.3	78.3	78.3	78.3	78.5	78.5	78.5
GE 3000	64.6	68.8	79.7	80.3	86.7	87.5	87.5	88.3	88.3	88.3	88.3	88.3	88.3	88.5	88.5	88.5
GE 2500	64.8	69.0	80.1	80.7	87.1	87.9	87.9	88.7	88.7	88.7	88.7	88.7	88.7	88.9	88.9	88.9
GE 2000	64.8	69.0	80.7	81.5	88.1	89.1	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3
GE 1800	64.8	69.0	80.7	81.5	88.1	89.1	89.3	90.1	90.1	90.1	90.1	90.1	90.1	90.3	90.3	90.3
GE 1500	64.8	69.0	80.9	81.7	88.7	90.1	90.5	91.5	91.5	91.5	91.5	91.5	91.5	91.7	91.7	91.7
GE 1200	65.0	69.2	81.3	82.1	89.3	91.1	91.5	92.4	92.4	92.4	92.4	92.4	92.4	92.6	92.6	92.6
GE 1000	65.6	69.8	82.3	83.1	90.9	92.6	93.0	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
GE 900	65.6	69.8	82.3	83.1	90.9	92.6	93.0	94.6	94.6	94.6	94.6	94.6	94.6	94.8	94.8	94.8
GE 800	65.6	69.8	82.3	83.1	90.9	92.8	93.4	95.2	95.2	95.2	95.2	95.2	95.2	95.4	95.4	95.4
GE 700	65.6	69.8	82.5	83.3	91.1	93.0	93.6	95.4	95.4	95.4	95.4	95.4	95.4	95.6	95.6	95.6
GE 600	65.6	69.8	82.7	83.5	91.3	93.4	94.0	96.2	96.2	96.2	96.2	96.2	96.2	96.4	96.4	96.4
GE 500	65.6	69.8	83.3	84.3	92.6	94.8	95.6	98.4	98.4	98.8	99.0	99.0	99.0	99.2	99.2	99.2
GE 400	65.6	69.8	83.3	84.3	92.6	94.8	95.6	98.8	99.0	99.4	99.6	99.6	99.6	99.8	99.8	99.8
GE 300	65.6	69.8	83.3	84.3	92.6	94.8	95.6	98.8	99.0	99.4	99.6	99.6	99.6	99.8	100.0	100.0
GE 200	65.6	69.8	83.3	84.3	92.6	94.8	95.6	98.8	99.0	99.4	99.6	99.6	99.6	99.8	100.0	100.0
GE 100	65.6	69.8	83.3	84.3	92.6	94.8	95.6	98.8	99.0	99.4	99.6	99.6	99.6	99.8	100.0	100.0
GE 000	65.6	69.8	83.3	84.3	92.6	94.8	95.6	98.8	99.0	99.4	99.6	99.6	99.6	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 503

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: MAY 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	32.7	34.4	38.1	39.0	41.2	41.6	42.0	42.2	42.3	42.3	42.4	42.4	42.4	42.5	42.5	42.6
GE 20000	36.9	38.8	43.2	44.2	46.8	47.2	47.6	47.9	47.9	48.0	48.1	48.1	48.1	48.2	48.2	48.2
GE 18000	37.2	39.2	43.6	44.6	47.2	47.6	48.0	48.3	48.3	48.4	48.5	48.5	48.5	48.6	48.6	48.6
GE 16000	37.2	39.2	43.6	44.7	47.2	47.6	48.0	48.3	48.4	48.4	48.5	48.5	48.5	48.6	48.6	48.7
GE 14000	37.4	39.4	43.9	44.9	47.6	48.0	48.4	48.7	48.7	48.8	48.9	48.9	48.9	49.0	49.0	49.0
GE 12000	37.7	39.7	44.4	45.5	48.1	48.6	49.0	49.3	49.3	49.4	49.5	49.5	49.5	49.6	49.6	49.6
GE 10000	39.0	41.2	46.1	47.3	50.0	50.5	50.9	51.2	51.3	51.3	51.4	51.4	51.4	51.5	51.5	51.6
GE 9000	39.7	41.9	47.1	48.2	51.0	51.5	51.9	52.2	52.3	52.3	52.5	52.5	52.5	52.5	52.5	52.6
GE 8000	43.3	45.9	51.7	53.0	56.4	56.8	57.3	57.6	57.7	57.8	57.9	57.9	57.9	58.0	58.0	58.1
GE 7000	44.9	47.7	53.9	55.3	59.1	59.7	60.2	60.5	60.7	60.7	60.8	60.8	60.8	60.9	60.9	61.0
GE 6000	45.2	48.1	54.3	55.7	59.6	60.2	60.7	61.0	61.1	61.2	61.3	61.3	61.3	61.4	61.4	61.5
GE 5000	46.3	49.1	55.6	57.1	61.3	61.9	62.5	62.9	63.0	63.1	63.2	63.2	63.2	63.3	63.3	63.4
GE 4500	47.1	50.0	56.9	58.5	62.8	63.5	64.0	64.4	64.5	64.6	64.7	64.7	64.7	64.8	64.8	64.9
GE 4000	51.1	54.4	62.3	64.2	69.0	70.1	70.7	71.2	71.4	71.5	71.6	71.6	71.6	71.7	71.7	71.8
GE 3500	53.0	56.5	65.1	67.0	72.2	73.3	73.9	74.4	74.7	74.8	74.9	75.0	75.0	75.1	75.1	75.1
GE 3000	57.9	61.6	71.6	73.9	80.1	81.3	82.2	82.9	83.2	83.3	83.5	83.5	83.5	83.6	83.6	83.7
GE 2500	58.6	62.3	72.6	74.9	81.4	82.7	83.6	84.2	84.5	84.7	84.8	84.8	84.8	84.9	84.9	85.0
GE 2000	60.2	64.1	74.9	77.3	84.2	85.8	86.8	87.5	87.8	88.0	88.1	88.1	88.1	88.2	88.2	88.3
GE 1800	60.4	64.2	75.0	77.5	84.4	85.9	87.0	87.6	88.0	88.1	88.3	88.3	88.3	88.4	88.4	88.5
GE 1500	61.2	65.2	76.5	78.9	86.0	87.7	88.8	89.7	90.1	90.2	90.4	90.4	90.4	90.5	90.5	90.6
GE 1200	61.8	65.7	77.3	79.8	87.1	89.1	90.2	91.1	91.5	91.7	91.8	91.9	91.9	92.0	92.0	92.1
GE 1000	62.2	66.2	78.1	80.7	88.3	90.5	91.7	92.7	93.1	93.4	93.5	93.6	93.6	93.7	93.7	93.7
GE 900	62.2	66.2	78.2	80.7	88.4	90.6	91.9	92.9	93.3	93.6	93.7	93.7	93.8	93.9	93.9	93.9
GE 800	62.3	66.2	78.2	80.8	88.6	90.9	92.3	93.3	93.7	94.0	94.2	94.2	94.2	94.3	94.3	94.4
GE 700	62.3	66.3	78.5	81.1	89.0	91.5	92.9	94.1	94.5	94.8	94.9	94.9	95.0	95.1	95.1	95.2
GE 600	62.4	66.4	78.6	81.2	89.2	91.8	93.2	94.6	95.0	95.3	95.4	95.4	95.5	95.6	95.6	95.7
GE 500	62.5	66.5	78.9	81.6	90.0	92.6	94.2	96.2	96.8	97.5	97.6	97.7	97.8	97.9	97.9	98.0
GE 400	62.5	66.5	78.9	81.6	90.0	92.7	94.4	96.7	97.5	98.3	98.6	98.7	98.8	98.9	98.9	99.0
GE 300	62.5	66.5	78.9	81.6	90.0	92.7	94.5	96.9	97.7	98.6	99.1	99.3	99.4	99.5	99.5	99.6
GE 200	62.5	66.5	78.9	81.6	90.0	92.7	94.5	96.9	97.7	98.7	99.2	99.4	99.5	99.6	99.6	99.8
GE 100	62.5	66.5	78.9	81.6	90.0	92.7	94.5	96.9	97.7	98.7	99.3	99.5	99.5	99.7	99.7	100.0
GE 000	62.5	66.5	78.9	81.6	90.0	92.7	94.5	96.9	97.7	98.7	99.3	99.5	99.5	99.7	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4394

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	25.6	26.7	33.3	37.8	43.9	43.9	43.9	47.2	47.2	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 20000	26.7	27.8	34.4	38.9	45.6	45.6	45.6	48.9	48.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 18000	26.7	27.8	34.4	38.9	45.6	45.6	45.6	48.9	48.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 16000	26.7	27.8	34.4	38.9	45.6	45.6	45.6	48.9	48.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 14000	26.7	27.8	34.4	38.9	45.6	45.6	45.6	48.9	48.9	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 12000	27.2	28.3	35.0	39.4	46.1	46.1	46.1	49.4	49.4	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 10000	28.3	29.4	37.8	42.2	48.9	48.9	48.9	52.2	52.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 9000	28.3	29.4	37.8	42.2	48.9	48.9	48.9	52.2	52.2	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 8000	31.7	32.8	41.7	46.1	52.8	52.8	52.8	56.1	56.1	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 7000	31.7	32.8	42.8	47.2	54.4	54.4	54.4	57.8	59.4	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 6000	32.8	33.9	43.9	48.3	55.6	55.6	55.6	58.9	60.6	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	35.0	36.1	46.7	51.1	60.0	60.0	60.0	63.3	65.0	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 4500	35.6	36.7	47.2	51.7	60.6	60.6	60.6	63.9	65.6	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	37.8	38.9	51.1	56.1	65.6	65.6	65.6	68.9	70.6	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3500	39.4	40.6	52.8	57.8	67.2	67.2	67.2	70.6	72.2	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 3000	42.2	43.3	60.0	67.2	80.0	80.0	80.0	83.3	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2500	42.2	43.3	60.0	67.2	80.0	80.0	80.0	83.3	85.0	86.7	86.7	86.7	86.7	86.7	86.7	86.7
GE 2000	42.2	45.0	62.2	69.4	82.2	82.2	82.2	85.6	87.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	42.2	45.0	62.2	69.4	82.2	82.2	82.2	85.6	87.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1500	42.2	45.0	62.2	69.4	82.8	83.9	84.4	87.8	89.4	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 1200	42.2	45.0	65.6	72.8	87.8	88.9	89.4	92.8	94.4	96.1	96.1	96.1	96.1	96.1	96.1	96.1
GE 1000	43.3	46.1	66.7	73.9	88.9	90.0	90.6	93.9	95.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 900	43.3	46.1	66.7	73.9	88.9	90.0	90.6	93.9	95.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	43.3	46.1	66.7	73.9	88.9	90.0	90.6	93.9	95.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 700	43.3	46.1	66.7	73.9	88.9	90.0	90.6	93.9	95.6	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 600	43.3	46.1	67.8	75.0	90.6	91.7	92.2	95.6	97.2	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 500	43.3	46.1	67.8	75.0	91.7	92.8	93.3	96.7	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	43.3	46.1	67.8	75.0	91.7	92.8	93.3	96.7	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	43.3	46.1	67.8	75.0	91.7	92.8	93.3	96.7	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	43.3	46.1	67.8	75.0	91.7	92.8	93.3	96.7	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	43.3	46.1	67.8	75.0	91.7	92.8	93.3	96.7	98.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	43.3	46.1	67.8	75.0	91.7	92.8	93.3	96.7	98.3	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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN 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	16.9	17.3	23.2	24.6	31.0	32.0	33.4	33.8	35.4	35.6	35.6	36.5	36.5	36.5	36.9	37.3
GE 20000	19.1	19.6	26.1	27.7	34.6	35.6	37.1	37.5	39.3	39.5	39.5	40.3	40.3	40.3	41.1	41.5
GE 18000	19.1	19.6	26.1	27.7	34.6	35.6	37.1	37.5	39.3	39.5	39.5	40.3	40.3	40.3	41.1	41.5
GE 16000	19.1	19.6	26.1	27.7	34.6	35.6	37.1	37.5	39.3	39.5	39.5	40.3	40.3	40.3	41.1	41.5
GE 14000	19.1	19.6	26.3	27.9	34.8	35.8	37.3	37.7	39.5	39.7	39.7	40.5	40.5	40.5	41.3	41.8
GE 12000	20.0	20.4	27.3	28.9	36.0	37.3	38.7	39.1	40.9	41.1	41.1	42.0	42.0	42.0	42.8	43.2
GE 10000	21.0	21.4	29.1	31.0	38.5	39.7	41.1	42.0	43.8	44.0	44.0	44.8	44.8	44.8	45.6	46.0
GE 9000	22.2	22.8	31.0	32.8	40.9	42.4	43.8	44.6	46.4	46.6	46.8	47.7	47.7	47.7	48.5	48.9
GE 8000	24.8	25.5	35.2	37.3	46.6	48.1	49.9	51.1	53.0	53.2	53.4	54.2	54.2	54.2	55.0	55.4
GE 7000	25.9	26.5	36.7	38.7	49.1	50.7	52.5	53.8	55.8	56.0	56.2	57.0	57.0	57.0	57.8	58.2
GE 6000	26.5	27.1	37.3	39.3	49.9	51.5	53.4	54.6	56.6	56.8	57.0	57.8	57.8	57.8	58.7	59.1
GE 5000	27.9	28.5	39.3	41.3	51.9	53.6	55.4	56.6	58.7	58.9	59.1	59.9	59.9	59.9	60.7	61.1
GE 4500	28.9	29.5	40.5	42.6	53.4	55.0	56.8	58.0	60.1	60.3	60.5	61.3	61.3	61.3	62.1	62.5
GE 4000	31.6	32.2	43.6	46.2	58.5	60.3	62.1	63.3	65.8	66.0	66.2	67.2	67.2	67.2	68.0	68.4
GE 3500	33.2	34.2	46.0	48.9	62.5	64.6	66.8	68.2	70.7	70.9	71.1	72.1	72.1	72.1	72.9	73.3
GE 3000	36.3	37.5	50.9	54.4	69.9	72.5	74.7	76.6	79.6	79.8	80.0	81.1	81.3	81.3	82.1	82.5
GE 2500	36.5	37.7	51.1	54.6	70.1	72.7	75.2	77.0	80.0	80.2	80.4	81.5	81.7	81.7	82.5	82.9
GE 2000	37.5	39.1	52.7	56.2	71.9	74.7	77.2	79.2	82.9	83.1	83.3	84.3	84.3	84.5	85.3	85.7
GE 1800	37.5	39.1	52.7	56.2	71.9	74.7	77.2	79.2	82.9	83.1	83.3	84.3	84.3	84.5	85.3	85.7
GE 1500	37.7	39.3	53.0	56.4	72.3	75.2	77.8	80.0	83.7	83.9	84.1	85.1	85.3	85.3	86.2	86.6
GE 1200	38.1	39.9	54.0	57.4	74.1	77.4	80.0	82.3	85.9	86.4	86.6	87.6	87.8	87.8	88.6	89.0
GE 1000	38.7	40.5	55.2	58.7	76.2	79.6	82.3	84.7	88.4	88.8	89.0	90.0	90.2	90.2	91.0	91.4
GE 900	38.7	40.5	55.2	58.7	76.4	79.8	82.9	85.9	89.6	90.0	90.2	91.2	91.4	91.4	92.3	92.7
GE 800	38.7	40.5	55.2	58.9	76.6	80.4	83.7	87.2	90.8	91.2	91.4	92.5	92.7	92.7	93.5	93.9
GE 700	38.7	40.5	55.2	58.9	77.2	81.1	84.5	88.4	92.1	92.5	92.7	93.7	93.9	93.9	94.7	95.1
GE 600	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.4	93.3	93.7	93.9	94.9	95.1	95.1	95.9	96.3
GE 500	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.6	93.5	94.1	94.5	95.5	95.7	95.7	96.5	96.9
GE 400	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.8	93.7	94.3	95.1	96.3	96.7	96.7	97.6	98.4
GE 300	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.8	93.7	94.3	95.1	96.3	96.9	96.9	97.8	98.6
GE 200	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.8	93.7	94.3	95.1	96.3	96.9	96.9	97.8	99.4
GE 100	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.8	93.7	94.3	95.1	96.3	96.9	96.9	97.8	100.0
GE 000	38.7	40.5	55.2	59.5	77.8	81.7	85.3	89.8	93.7	94.3	95.1	96.3	96.9	96.9	97.8	100.0

TOTAL NUMBER OF OBSERVATIONS 491

OPERATING LOCATION "A"
 USAFETAC, ASEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUN 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	22.7	23.1	29.4	31.3	34.9	36.4	36.8	37.7	37.8	38.1	38.3	38.3	38.3	38.4	38.4	38.7
GE 20000	24.7	25.2	31.9	33.8	37.7	39.2	39.7	40.6	40.8	41.0	41.2	41.2	41.2	41.3	41.3	41.6
GE 18000	25.2	25.6	32.3	34.2	38.1	39.6	40.2	41.0	41.2	41.5	41.8	41.8	41.8	41.9	41.9	42.2
GE 16000	25.2	25.6	32.3	34.2	38.1	39.6	40.2	41.0	41.2	41.5	41.8	41.8	41.8	41.9	41.9	42.2
GE 14000	25.2	25.6	32.3	34.2	38.1	39.6	40.2	41.0	41.2	41.5	41.8	41.8	41.8	41.9	41.9	42.2
GE 12000	25.8	26.2	33.2	35.4	39.4	40.9	41.5	42.4	42.5	42.8	43.1	43.1	43.1	43.2	43.2	43.5
GE 10000	27.8	28.2	36.7	39.2	43.4	44.8	45.4	46.3	46.6	46.9	47.2	47.2	47.2	47.3	47.3	47.6
GE 9000	30.0	30.4	39.4	41.9	47.0	48.5	49.1	49.9	50.2	50.5	50.8	50.8	50.8	50.9	50.9	51.2
GE 8000	32.2	32.6	42.8	45.3	51.5	53.1	53.9	55.3	55.7	56.0	56.3	56.3	56.3	56.5	56.5	56.8
GE 7000	33.3	33.8	44.4	47.0	54.1	55.7	56.5	58.1	58.5	58.8	59.1	59.1	59.1	59.2	59.2	59.5
GE 6000	33.3	33.8	44.5	47.2	54.3	55.9	56.6	58.2	58.7	59.0	59.2	59.2	59.2	59.4	59.4	59.7
GE 5000	35.2	35.7	46.9	49.5	56.9	58.5	59.2	60.8	61.3	61.6	61.9	61.9	61.9	62.0	62.0	62.3
GE 4500	36.1	36.5	47.9	50.5	57.9	59.5	60.3	61.9	62.3	62.6	62.9	62.9	62.9	63.0	63.0	63.3
GE 4000	38.1	38.7	51.4	54.4	62.6	64.2	64.9	66.7	67.5	67.8	68.3	68.3	68.3	68.4	68.4	68.7
GE 3500	39.4	40.0	53.7	57.4	65.6	67.4	68.7	70.5	71.5	71.8	72.2	72.2	72.2	72.3	72.3	72.6
GE 3000	42.8	43.5	58.4	62.6	71.9	74.2	76.1	78.0	79.3	79.6	80.1	80.1	80.1	80.2	80.2	80.5
GE 2500	42.9	43.7	58.7	63.0	72.6	75.1	77.0	78.9	80.2	80.5	80.9	80.9	80.9	81.1	81.1	81.4
GE 2000	43.5	44.3	59.7	64.2	73.9	77.3	79.2	81.8	83.3	83.6	84.0	84.0	84.0	84.1	84.1	84.4
GE 1800	43.7	44.4	59.8	64.3	74.1	77.4	79.5	82.1	83.6	83.8	84.3	84.3	84.3	84.4	84.4	84.7
GE 1500	45.3	46.0	61.7	66.2	76.0	79.5	81.7	84.3	85.7	86.0	86.5	86.5	86.5	86.6	86.6	86.9
GE 1200	46.0	46.7	63.8	68.6	78.5	82.2	84.4	87.2	88.6	88.9	89.4	89.4	89.4	89.5	89.5	89.8
GE 1000	46.4	47.3	64.9	69.7	79.9	84.1	86.5	89.4	90.8	91.1	91.6	91.6	91.6	91.7	91.7	92.0
GE 900	46.7	47.6	65.4	70.2	80.6	85.0	87.5	90.7	92.1	92.4	92.9	92.9	92.9	93.0	93.0	93.3
GE 800	46.7	47.6	65.5	70.3	81.7	86.5	88.9	92.4	93.9	94.2	94.8	94.8	94.8	94.9	95.1	95.3
GE 700	46.7	47.6	65.5	70.3	82.0	87.0	89.7	93.2	94.8	95.1	95.6	95.6	95.6	95.8	95.9	96.2
GE 600	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.4	96.7	97.4	97.4	97.4	97.5	97.7	98.0
GE 500	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.7	97.1	98.1	98.1	98.1	98.3	98.4	98.7
GE 400	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.8	97.5	98.5	98.8	98.8	99.0	99.1	99.4
GE 300	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.8	97.7	98.7	99.0	99.0	99.3	99.4	99.7
GE 200	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.8	97.7	98.7	99.0	99.0	99.3	99.7	100.0
GE 100	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.8	97.7	98.7	99.0	99.0	99.3	99.7	100.0
GE 000	46.7	47.6	65.9	70.7	82.8	87.9	90.5	94.6	96.8	97.7	98.7	99.0	99.0	99.3	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 687

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	26.9	27.9	30.1	30.6	31.3	31.4	31.4	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0	32.0
GE 20000	31.0	32.0	35.1	35.7	36.4	36.8	36.8	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000	31.6	32.6	35.7	36.3	37.0	37.4	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 16000	31.6	32.6	35.7	36.3	37.0	37.4	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 14000	31.6	32.6	35.7	36.3	37.0	37.4	37.4	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 12000	32.2	33.2	36.3	36.8	37.7	38.2	38.2	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7	38.7
GE 10000	34.9	36.0	39.8	40.5	41.5	42.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
GE 9000	36.8	37.9	42.0	42.8	44.0	44.6	44.6	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
GE 8000	43.0	44.3	49.0	50.3	51.9	52.9	53.1	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
GE 7000	45.3	46.6	51.6	53.1	55.0	56.3	56.6	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 6000	45.9	47.2	52.2	53.7	55.6	56.9	57.2	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 5000	47.1	48.4	53.8	55.3	57.2	58.5	58.8	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE 4500	48.0	49.3	55.1	56.6	58.6	59.9	60.2	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 4000	53.4	54.8	61.7	63.3	65.5	67.3	67.7	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	55.1	56.9	63.7	65.6	68.1	69.9	70.8	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 3000	63.6	65.6	73.5	76.0	79.7	81.4	82.5	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2500	63.9	66.1	74.0	76.5	80.7	82.6	83.8	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
GE 2000	66.7	69.0	77.2	79.7	83.9	86.1	87.3	87.9	88.0	88.0	88.0	88.0	88.0	88.0	88.0	88.0
GE 1800	67.5	69.9	78.2	80.7	84.9	87.1	88.3	88.9	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
GE 1500	67.8	70.2	78.9	81.4	86.1	88.3	89.5	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 1200	68.9	71.2	81.0	83.5	88.5	90.8	92.1	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1000	69.4	71.9	81.9	84.4	89.9	92.4	93.7	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 900	69.4	71.9	81.9	84.5	90.1	92.5	93.9	95.3	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
GE 800	69.4	71.9	82.2	84.8	91.4	94.0	95.8	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	69.4	71.9	82.3	84.9	91.7	94.3	96.1	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 600	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.4	71.9	82.5	85.2	92.0	94.6	96.5	99.0	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	28.1	28.8	30.0	30.0	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7	30.7
GE 20000	33.5	34.2	36.1	36.3	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4	37.4
GE 18000	33.6	34.4	36.4	36.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 16000	33.6	34.4	36.4	36.5	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7
GE 14000	34.4	35.1	37.1	37.3	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000	35.5	36.3	38.5	38.6	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 10000	37.7	38.6	41.4	41.7	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 9000	38.5	39.3	42.5	43.0	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.3
GE 8000	41.2	42.3	46.2	47.1	48.5	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7
GE 7000	44.3	45.6	49.9	50.7	52.3	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6	52.6
GE 6000	44.7	46.1	50.4	51.3	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 5000	48.1	49.4	53.8	54.8	56.4	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 4500	50.0	51.5	56.3	57.3	58.9	59.1	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 4000	57.6	59.2	64.6	66.2	67.8	68.1	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
GE 3500	62.3	64.0	69.6	71.2	73.1	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	73.0	75.0	82.2	84.2	87.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	73.7	75.7	82.9	84.9	88.0	89.2	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 2000	76.3	78.5	86.7	88.7	92.1	93.4	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7	93.7
GE 1800	76.3	78.5	87.0	89.0	92.7	94.0	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 1500	77.0	79.2	88.2	90.2	93.9	95.2	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5	95.5
GE 1200	77.8	80.0	89.2	91.4	95.0	96.3	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1000	76.2	80.4	89.9	92.4	96.1	97.4	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 900	78.4	80.6	90.1	92.5	96.2	97.5	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 800	78.5	80.7	90.5	93.0	96.8	98.2	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 700	78.5	80.7	90.5	93.0	96.8	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	78.5	80.7	90.5	93.0	96.8	98.8	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	78.5	80.7	90.5	93.0	96.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	78.5	80.7	90.5	93.0	96.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	78.5	80.7	90.5	93.0	96.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.5	80.7	90.5	93.0	96.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.5	80.7	90.5	93.0	96.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.5	80.7	90.5	93.0	96.8	99.0	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 684

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	30.8	31.9	35.2	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 20000	36.6	37.9	41.4	41.4	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1	42.1
GE 18000	37.1	38.4	41.9	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 16000	37.1	38.4	41.9	42.1	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000	37.6	38.8	42.4	42.5	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 12000	38.8	40.1	43.7	43.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 10000	42.4	43.8	47.7	47.8	48.5	48.5	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0	49.0
GE 9000	43.5	44.9	49.1	49.4	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6	50.6
GE 8000	49.0	50.6	55.5	56.0	56.7	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 7000	51.7	53.8	59.1	59.9	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 6000	51.7	53.8	59.1	59.9	60.7	60.7	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 5000	54.3	56.3	61.6	62.6	63.4	63.4	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
GE 4500	56.5	58.7	64.0	65.2	66.0	66.0	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 4000	65.2	67.6	73.8	75.0	75.8	75.9	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7	76.7
GE 3500	69.2	71.6	78.5	79.6	80.4	80.6	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3000	78.8	81.5	89.6	91.7	93.3	93.6	94.4	94.4	94.4	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2500	79.3	82.0	90.0	92.1	93.7	94.1	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 2000	80.6	83.3	91.5	93.7	95.5	96.0	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	80.6	83.3	91.5	93.7	95.5	96.0	96.8	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	80.7	83.5	91.7	93.9	95.7	96.1	97.0	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 1200	81.2	83.9	92.6	95.0	97.0	97.6	98.4	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 1000	81.4	84.1	92.8	95.2	97.1	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 900	81.4	84.1	92.8	95.2	97.1	97.8	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 800	81.4	84.1	92.8	95.2	97.1	97.8	98.7	98.7	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 700	81.4	84.1	92.8	95.2	97.1	98.2	99.2	99.2	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	81.4	84.1	92.8	95.2	97.1	98.4	99.4	99.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	81.4	84.1	92.8	95.2	97.1	98.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 400	81.4	84.1	92.8	95.2	97.1	98.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 300	81.4	84.1	92.8	95.2	97.1	98.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 200	81.4	84.1	92.8	95.2	97.1	98.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 100	81.4	84.1	92.8	95.2	97.1	98.4	99.4	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 000	81.5	84.3	92.9	95.3	97.3	98.6	99.5	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 623

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	40.7	42.5	46.6	47.1	47.5	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
GE 20000	46.4	48.4	53.4	54.1	54.5	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2	55.2
GE 18000	47.0	48.9	54.1	54.8	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 16000	47.0	48.9	54.1	54.8	55.2	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
GE 14000	47.7	49.6	54.8	55.5	55.9	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 12000	48.4	50.4	55.7	56.6	57.0	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 10000	52.1	54.5	59.8	60.7	61.1	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 9000	52.7	55.0	60.7	61.6	62.1	62.9	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 8000	56.4	58.9	65.9	66.8	67.3	68.0	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
GE 7000	58.9	61.4	68.4	69.5	70.5	71.3	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 6000	59.1	61.6	68.6	69.6	70.7	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	61.4	63.9	71.4	72.5	73.8	74.5	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4500	63.8	66.4	73.9	75.0	76.3	77.0	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 4000	71.8	74.6	82.1	84.1	85.7	86.4	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
GE 3500	73.6	76.6	84.3	86.3	87.9	88.6	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 3000	76.8	80.0	88.6	90.7	92.9	93.6	94.6	94.6	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	77.5	80.7	89.3	91.4	93.8	94.5	95.5	95.5	95.7	95.7	95.7	95.7	95.7	95.7	95.7	95.7
GE 2000	78.2	81.4	90.5	92.7	95.0	95.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1800	78.2	81.4	90.5	92.7	95.0	95.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1500	78.2	81.4	90.5	92.7	95.0	95.7	96.8	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 1200	78.8	82.0	91.3	93.4	96.1	96.8	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	78.8	82.0	91.3	93.4	96.4	97.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	78.8	82.0	91.3	93.4	96.4	97.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	78.8	82.0	91.3	93.4	96.4	97.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 700	78.8	82.0	91.3	93.4	96.4	97.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 600	78.8	82.0	91.3	93.4	96.4	97.1	98.4	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 500	78.8	82.0	91.3	93.4	96.6	97.3	98.8	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	78.8	82.0	91.3	93.4	96.6	97.3	98.8	99.1	99.3	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	78.9	82.1	91.4	93.6	96.8	97.5	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	78.9	82.1	91.4	93.6	96.8	97.5	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	78.9	82.1	91.4	93.6	96.8	97.5	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	78.9	82.1	91.4	93.6	96.8	97.5	98.9	99.3	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 560

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN 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	46.1	49.1	52.2	53.3	56.2	56.6	57.0	57.6	57.6	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 20000	48.4	51.6	55.4	56.6	60.2	60.6	61.2	61.8	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3
GE 18000	48.4	51.6	55.4	56.6	60.4	60.8	61.4	62.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 16000	48.4	51.6	55.4	56.6	60.4	60.8	61.4	62.0	62.0	62.5	62.5	62.5	62.5	62.5	62.5	62.5
GE 14000	48.6	51.8	55.6	56.8	60.6	61.0	61.6	62.1	62.1	62.7	62.7	62.7	62.7	62.7	62.7	62.7
GE 12000	48.8	52.0	56.0	57.2	61.0	61.4	62.0	62.5	62.5	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 10000	50.7	53.9	58.9	59.7	63.5	63.9	64.4	65.0	65.0	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 9000	51.1	54.3	58.9	60.0	64.2	64.6	65.6	66.2	66.2	66.7	66.7	66.7	66.7	66.7	66.7	66.7
GE 8000	54.7	57.9	63.3	64.4	68.6	69.0	70.0	70.6	70.6	71.1	71.1	71.1	71.1	71.1	71.1	71.1
GE 7000	55.4	59.1	64.4	65.6	70.0	70.6	71.7	72.3	72.3	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 6000	55.4	59.1	64.4	65.6	70.2	70.9	72.1	72.7	72.7	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 5000	57.9	61.6	67.7	68.8	74.0	74.8	76.3	77.4	77.4	78.0	78.0	78.0	78.0	78.0	78.0	78.0
GE 4500	58.3	62.0	68.3	69.4	74.8	75.5	77.1	78.4	78.4	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	61.6	65.2	73.0	74.4	81.6	82.4	83.9	85.3	85.3	86.2	86.2	86.2	86.2	86.2	86.2	86.2
GE 3500	62.5	66.2	74.8	76.1	83.6	84.3	86.0	87.4	87.4	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	64.4	68.5	78.4	79.9	89.3	90.1	92.0	93.3	93.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
GE 2500	64.6	68.6	78.6	80.1	89.5	90.2	92.2	93.5	93.5	94.5	94.5	94.5	94.5	94.5	94.5	94.5
GE 2000	65.2	69.2	80.1	81.8	91.2	92.0	93.9	95.2	95.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1800	65.2	69.2	80.1	81.8	91.4	92.2	94.1	95.4	95.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
GE 1500	65.2	69.2	80.3	82.0	92.4	93.1	95.0	96.4	96.4	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 1200	65.6	69.6	80.9	82.6	92.9	93.7	95.6	97.1	97.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 700	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	65.6	69.6	81.6	83.4	93.9	94.6	96.6	98.1	98.1	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 300	65.6	69.6	81.6	83.4	93.9	94.6	96.7	98.3	98.5	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 200	65.6	69.6	81.6	83.4	93.9	94.6	96.7	98.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	65.6	69.6	81.6	83.4	93.9	94.6	96.7	98.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	65.6	69.6	81.6	83.4	93.9	94.6	96.7	98.3	98.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 523

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KAITERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	29.8	31.0	34.7	35.6	37.8	38.3	38.5	39.0	39.2	39.4	39.4	39.5	39.5	39.6	39.6	39.7
GE 20000	33.7	35.0	39.3	40.3	42.8	43.4	43.7	44.2	44.4	44.6	44.6	44.7	44.7	44.7	44.8	44.9
GE 18000	34.0	35.3	39.7	40.7	43.2	43.8	44.1	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.2	45.3
GE 16000	34.0	35.3	39.7	40.7	43.2	43.8	44.1	44.6	44.8	45.0	45.0	45.1	45.1	45.1	45.2	45.3
GE 14000	34.3	35.6	40.0	41.0	43.5	44.1	44.4	44.9	45.1	45.3	45.4	45.4	45.4	45.5	45.6	45.6
GE 12000	35.1	36.3	40.9	42.0	44.6	45.1	45.5	45.9	46.2	46.4	46.4	46.5	46.5	46.5	46.6	46.7
GE 10000	37.5	38.9	44.1	45.3	48.0	48.6	49.1	49.6	49.8	50.0	50.1	50.2	50.2	50.2	50.3	50.4
GE 9000	38.7	40.0	45.6	46.9	49.9	50.5	51.0	51.6	51.8	52.0	52.1	52.2	52.2	52.2	52.3	52.4
GE 8000	42.5	44.0	50.5	52.0	55.4	56.1	56.7	57.4	57.6	57.8	57.9	58.0	58.0	58.0	58.1	58.2
GE 7000	44.4	46.0	52.9	54.4	58.3	59.1	59.8	60.5	60.8	61.0	61.1	61.2	61.2	61.2	61.3	61.4
GE 6000	44.7	46.3	53.2	54.8	58.7	59.5	60.2	60.9	61.2	61.4	61.5	61.6	61.6	61.6	61.7	61.8
GE 5000	46.9	48.5	55.8	57.4	61.5	62.3	63.1	63.8	64.2	64.4	64.5	64.6	64.6	64.6	64.7	64.8
GE 4500	48.2	49.9	57.4	59.0	63.2	64.1	64.8	65.6	65.9	66.2	66.2	66.3	66.3	66.4	66.4	66.5
GE 4000	53.6	55.4	63.7	65.8	70.5	71.5	72.3	73.1	73.6	73.8	73.9	74.0	74.0	74.1	74.1	74.2
GE 3500	55.9	57.9	66.7	68.8	73.9	75.0	76.0	76.8	77.3	77.5	77.6	77.8	77.8	77.8	77.9	78.0
GE 3000	61.8	64.0	74.2	77.0	83.2	84.6	85.8	86.6	87.3	87.5	87.6	87.7	87.8	87.8	87.9	88.0
GE 2500	62.2	64.4	74.6	77.4	83.9	85.3	86.5	87.4	88.0	88.3	88.4	88.5	88.5	88.5	88.6	88.7
GE 2000	63.6	66.0	76.7	79.5	86.1	87.7	89.0	90.0	90.8	91.0	91.1	91.2	91.3	91.3	91.4	91.5
GE 1800	63.7	66.1	76.9	79.8	86.4	88.0	89.3	90.3	91.1	91.4	91.4	91.6	91.6	91.6	91.7	91.8
GE 1500	64.2	66.6	77.5	80.4	87.3	89.0	90.3	91.4	92.1	92.4	92.5	92.6	92.6	92.6	92.7	92.8
GE 1200	64.8	67.2	78.9	81.8	89.0	90.8	92.2	93.3	94.0	94.3	94.4	94.5	94.5	94.6	94.7	94.7
GE 1000	65.2	67.6	79.6	82.6	90.0	92.0	93.4	94.6	95.4	95.7	95.8	95.9	95.9	95.9	96.0	96.1
GE 900	65.2	67.7	79.7	82.7	90.2	92.2	93.7	95.1	95.9	96.2	96.3	96.4	96.4	96.4	96.5	96.6
GE 800	65.3	67.7	79.8	82.9	90.7	92.8	94.5	96.0	96.7	97.0	97.1	97.2	97.3	97.3	97.4	97.5
GE 700	65.3	67.7	79.9	82.9	90.9	93.2	94.9	96.4	97.2	97.5	97.6	97.7	97.8	97.8	97.9	98.0
GE 600	65.3	67.7	80.0	83.1	91.2	93.5	95.3	97.0	98.0	98.3	98.4	98.5	98.6	98.6	98.7	98.8
GE 500	65.3	67.7	80.0	83.1	91.2	93.6	95.4	97.3	98.3	98.7	98.9	99.0	99.0	99.1	99.2	99.3
GE 400	65.3	67.7	80.0	83.1	91.2	93.6	95.4	97.3	98.3	98.8	99.0	99.2	99.3	99.3	99.4	99.5
GE 300	65.3	67.7	80.0	83.1	91.3	93.6	95.5	97.4	98.4	98.9	99.2	99.3	99.4	99.5	99.6	99.7
GE 200	65.3	67.7	80.0	83.1	91.3	93.6	95.5	97.4	98.5	99.0	99.2	99.4	99.5	99.5	99.7	99.9
GE 100	65.3	67.7	80.0	83.1	91.3	93.6	95.5	97.4	98.5	99.0	99.2	99.4	99.5	99.5	99.7	100.0
GE 000	65.3	67.7	80.0	83.2	91.3	93.7	95.5	97.4	98.5	99.0	99.3	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 4432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUL 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	34.0	38.8	52.1	54.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20000	35.1	39.9	53.7	56.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 18000	35.1	39.9	53.7	56.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 16000	35.1	39.9	53.7	56.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 14000	35.1	39.9	53.7	56.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 12000	35.1	39.9	53.7	56.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 10000	35.1	39.9	54.3	57.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 9000	35.1	39.9	54.3	57.4	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
GE 8000	37.8	42.6	56.9	60.1	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 7000	38.3	43.1	59.0	63.8	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	38.8	43.6	59.6	64.4	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 5000	40.4	45.2	62.2	67.6	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
GE 4500	41.0	45.7	63.3	68.6	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 4000	43.1	47.9	69.1	76.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	43.1	47.9	69.1	76.6	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3000	43.1	49.5	71.3	80.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2500	43.1	49.5	71.3	80.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 2000	43.1	49.5	71.3	80.3	96.3	96.3	96.3	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	43.1	49.5	71.3	80.3	96.3	96.3	96.3	96.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1500	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1200	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 600	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 500	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 400	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 300	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 200	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 100	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0
GE 000	43.1	49.5	72.3	81.9	97.9	97.9	97.9	98.4	99.5	99.5	99.5	99.5	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 188

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AFB/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	29.3	31.9	45.1	47.8	53.0	53.7	54.7	55.3	55.5	55.9	55.9	56.1	56.1	56.1	56.1	56.5
GE 20000	30.3	32.9	46.7	49.6	55.3	55.9	56.9	57.5	57.7	58.1	58.1	58.3	58.3	58.3	58.3	58.7
GE 18000	30.3	32.9	46.7	49.6	55.3	55.9	56.9	57.5	57.7	58.1	58.1	58.3	58.3	58.3	58.3	58.7
GE 16000	30.3	32.9	46.7	49.6	55.3	55.9	56.9	57.5	57.7	58.1	58.1	58.3	58.3	58.3	58.3	58.7
GE 14000	30.5	33.1	47.0	49.8	55.5	56.1	57.1	57.7	57.9	58.3	58.3	58.5	58.5	58.5	58.5	58.9
GE 12000	30.7	33.3	47.4	50.2	55.9	56.5	57.5	58.1	58.3	58.7	58.7	58.9	58.9	58.9	58.9	59.3
GE 10000	31.3	33.9	48.4	51.6	57.9	58.7	59.8	60.6	60.8	61.2	61.2	61.6	61.6	61.6	61.6	62.0
GE 9000	31.5	34.1	48.6	52.0	58.5	59.3	60.4	61.2	61.4	62.0	62.0	62.4	62.4	62.4	62.4	62.8
GE 8000	32.7	35.6	50.2	53.7	61.2	62.2	63.4	64.4	64.6	65.4	65.4	65.9	65.9	65.9	65.9	66.3
GE 7000	32.7	35.8	50.8	54.7	62.8	63.8	65.0	66.3	66.7	67.5	67.5	67.9	67.9	67.9	67.9	68.3
GE 6000	33.7	36.8	52.4	56.9	65.2	66.3	67.5	68.7	69.1	69.9	69.9	70.3	70.3	70.3	70.3	70.7
GE 5000	36.0	39.2	55.3	60.0	68.5	69.5	70.7	72.4	72.8	73.8	73.8	74.2	74.2	74.2	74.2	74.6
GE 4500	36.8	40.4	57.3	62.0	70.5	71.5	72.8	74.6	75.0	76.0	76.0	76.4	76.4	76.4	76.4	76.8
GE 4000	39.2	42.9	61.2	67.1	75.6	77.0	78.3	80.1	80.5	81.5	81.5	81.9	81.9	81.9	81.9	82.3
GE 3500	40.2	43.9	62.4	68.7	77.4	78.9	80.1	81.9	82.5	83.5	83.5	83.9	83.9	83.9	83.9	84.3
GE 3000	42.7	47.0	67.1	73.6	84.6	86.6	88.0	90.2	91.3	92.3	92.3	92.7	92.7	92.7	92.7	93.1
GE 2500	42.9	47.2	67.5	74.0	85.0	87.0	88.4	90.7	91.7	92.7	92.7	93.1	93.1	93.1	93.1	93.5
GE 2000	43.3	47.6	67.9	74.8	85.8	87.8	89.2	92.1	93.1	94.1	94.1	94.5	94.5	94.5	94.5	94.9
GE 1800	43.3	47.6	67.9	74.8	85.8	87.8	89.2	92.1	93.1	94.1	94.1	94.5	94.5	94.5	94.5	94.9
GE 1500	43.3	47.6	68.7	75.6	87.0	89.0	90.7	93.7	94.7	95.7	95.7	96.1	96.1	96.1	96.1	96.5
GE 1200	43.3	47.6	68.7	75.6	87.4	89.4	91.1	94.1	95.3	96.3	96.3	96.7	96.7	96.7	96.7	97.2
GE 1000	43.5	47.8	68.9	75.8	87.6	89.6	91.5	94.7	95.9	97.0	97.0	97.4	97.4	97.4	97.4	97.8
GE 900	43.5	47.8	68.9	75.8	87.6	89.6	91.5	94.7	95.9	97.0	97.0	97.4	97.4	97.4	97.4	97.8
GE 800	43.5	47.8	68.9	75.8	87.6	89.6	91.7	94.9	96.1	97.2	97.2	97.6	97.6	97.6	97.6	98.0
GE 700	43.5	47.8	68.9	76.0	87.8	89.8	91.9	95.1	96.3	97.4	97.4	97.8	97.8	97.8	97.8	98.2
GE 600	43.5	47.8	68.9	76.0	88.2	90.2	92.3	95.5	96.7	97.8	97.8	98.2	98.2	98.2	98.2	98.6
GE 500	43.5	47.8	68.9	76.0	88.2	90.2	92.3	95.5	96.7	97.8	97.8	98.2	98.2	98.2	98.2	98.6
GE 400	43.5	47.8	68.9	76.0	88.2	90.4	92.7	95.9	97.2	98.2	98.2	98.4	98.8	98.8	98.8	99.2
GE 300	43.5	47.8	68.9	76.0	88.2	90.4	92.7	95.9	97.2	98.2	98.2	98.4	98.8	99.4	99.4	99.8
GE 200	43.5	47.8	68.9	76.0	88.2	90.4	92.7	95.9	97.2	98.2	98.2	98.4	98.8	99.4	99.4	99.8
GE 100	43.5	47.8	68.9	76.0	88.2	90.4	92.7	95.9	97.2	98.2	98.2	98.4	98.8	99.4	99.4	100.0
GE 000	43.5	47.8	68.9	76.0	88.2	90.4	92.7	95.9	97.2	98.2	98.2	98.4	98.8	99.4	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 492

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	30.7	32.4	40.0	42.0	46.6	47.9	48.7	49.4	49.4	49.6	49.6	49.7	49.7	49.7	49.9	50.0
GE 20000	33.5	35.3	43.8	46.0	51.3	52.8	53.9	54.8	54.9	55.1	55.1	55.2	55.2	55.2	55.4	55.5
GE 18000	33.5	35.3	43.8	46.0	51.5	53.0	54.0	54.9	55.1	55.2	55.2	55.4	55.4	55.4	55.5	55.7
GE 16000	33.5	35.3	43.8	46.0	51.5	53.0	54.0	54.9	55.1	55.2	55.2	55.4	55.4	55.4	55.5	55.7
GE 14000	33.9	35.7	44.2	46.4	51.9	53.4	54.5	55.4	55.5	55.7	55.7	55.8	55.8	55.8	56.0	56.1
GE 12000	34.1	35.9	44.3	46.6	52.1	53.7	54.8	55.7	55.8	56.0	56.0	56.1	56.1	56.1	56.3	56.4
GE 10000	34.8	36.8	45.7	48.4	54.6	56.5	57.7	59.1	59.2	59.5	59.5	59.7	59.7	59.7	59.8	60.0
GE 9000	35.0	36.9	46.4	49.4	55.7	57.9	59.2	60.6	60.9	61.2	61.2	61.3	61.3	61.3	61.5	61.6
GE 8000	37.6	39.7	49.6	52.7	60.1	62.4	63.7	65.3	65.6	66.1	66.1	66.2	66.2	66.2	66.4	66.5
GE 7000	38.8	40.9	51.3	54.8	62.2	64.6	66.4	68.2	68.5	68.9	68.9	69.0	69.0	69.0	69.2	69.3
GE 6000	39.1	41.2	52.4	56.0	64.0	66.5	68.3	70.1	70.4	70.8	70.8	71.0	71.0	71.0	71.1	71.3
GE 5000	42.3	44.5	56.5	60.3	68.8	71.4	73.5	75.3	75.6	76.0	76.0	76.2	76.2	76.2	76.3	76.5
GE 4500	43.2	45.4	57.4	61.2	69.6	72.3	74.4	76.2	76.5	76.9	76.9	77.1	77.1	77.1	77.2	77.4
GE 4000	45.8	48.5	61.6	65.6	75.0	78.1	80.2	82.1	82.4	83.0	83.0	83.2	83.2	83.2	83.3	83.5
GE 3500	45.8	48.5	62.2	66.7	76.5	79.8	82.1	84.2	84.5	85.6	85.7	85.9	85.9	85.9	86.0	86.2
GE 3000	47.5	50.4	64.4	69.2	79.6	83.5	86.2	88.4	89.0	90.0	90.2	90.3	90.3	90.3	90.5	90.6
GE 2500	47.5	50.4	64.4	69.2	79.8	83.6	86.5	88.7	89.3	90.3	90.5	90.6	90.6	90.6	90.8	90.9
GE 2000	47.6	50.6	64.9	69.6	80.4	84.2	87.5	89.7	90.3	91.4	91.5	91.7	91.7	91.7	91.8	92.0
GE 1800	47.6	50.6	64.9	69.6	80.4	84.2	87.5	89.7	90.3	91.4	91.5	91.7	91.7	91.7	91.8	92.0
GE 1500	47.9	50.9	65.2	69.9	81.0	85.4	89.0	91.4	92.0	93.0	93.2	93.3	93.3	93.3	93.5	93.6
GE 1200	47.9	50.9	65.3	70.2	81.7	86.3	90.0	92.4	93.0	94.0	94.2	94.3	94.3	94.3	94.5	94.6
GE 1000	48.5	51.5	65.9	71.0	82.4	87.5	91.7	94.5	95.1	96.1	96.7	96.9	96.9	96.9	97.0	97.2
GE 900	48.5	51.5	65.9	71.0	82.4	87.5	91.7	94.5	95.1	96.1	96.7	96.9	96.9	96.9	97.0	97.2
GE 800	48.5	51.5	65.9	71.1	82.6	87.6	92.0	94.8	95.4	96.4	97.0	97.2	97.2	97.2	97.3	97.5
GE 700	48.5	51.5	65.9	71.4	83.0	88.2	92.9	95.8	96.4	97.5	98.1	98.2	98.2	98.2	98.4	98.5
GE 600	48.5	51.5	65.9	71.4	83.2	88.4	93.2	96.1	96.7	97.8	98.4	98.5	98.5	98.5	98.7	98.8
GE 500	48.5	51.5	65.9	71.4	83.2	88.7	93.5	96.6	97.3	98.5	99.1	99.3	99.3	99.3	99.4	99.6
GE 400	48.5	51.5	65.9	71.4	83.2	88.8	93.6	96.9	97.6	98.8	99.4	99.7	99.7	99.7	99.9	100.0
GE 300	48.5	51.5	65.9	71.4	83.2	88.8	93.6	96.9	97.6	98.8	99.4	99.7	99.7	99.7	99.9	100.0
GE 200	48.5	51.5	65.9	71.4	83.2	88.8	93.6	96.9	97.6	98.8	99.4	99.7	99.7	99.7	99.9	100.0
GE 100	48.5	51.5	65.9	71.4	83.2	88.8	93.6	96.9	97.6	98.8	99.4	99.7	99.7	99.7	99.9	100.0
GE 000	48.5	51.5	65.9	71.4	83.2	88.8	93.6	96.9	97.6	98.8	99.4	99.7	99.7	99.7	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	36.5	39.0	42.9	44.9	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5
GE 20000	42.3	45.4	49.9	52.2	52.8	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 18000	42.3	45.4	50.0	52.4	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	42.3	45.4	50.0	52.4	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	43.2	46.3	50.9	53.3	53.9	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	44.0	47.2	52.2	54.6	55.4	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
GE 10000	45.4	48.5	53.9	56.5	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
GE 9000	46.0	49.3	54.8	57.4	58.5	58.6	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 8000	48.1	51.3	57.4	60.4	61.6	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 7000	50.1	53.4	59.8	62.8	64.4	64.7	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0	65.0
GE 6000	50.9	54.2	60.6	63.5	65.2	65.5	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 5000	52.7	56.0	63.2	66.4	68.5	68.9	69.6	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 4500	53.0	56.3	63.8	67.0	69.0	69.5	70.2	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 4000	56.7	60.4	68.6	71.7	74.3	75.0	75.7	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0	76.0
GE 3500	57.6	61.5	70.7	74.0	76.9	77.8	78.9	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3	79.3
GE 3000	64.7	69.5	80.1	84.1	88.2	89.4	90.6	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2500	65.2	69.9	80.8	85.0	89.1	90.3	91.5	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0	92.0
GE 2000	67.1	72.3	83.2	87.4	91.5	92.9	94.0	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 1800	67.3	72.5	83.5	87.6	91.8	93.2	94.3	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
GE 1500	67.7	72.9	83.9	88.2	92.6	94.2	95.4	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1200	67.7	72.9	84.4	89.1	93.9	95.8	97.2	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8	97.8
GE 1000	68.2	73.4	85.0	89.9	94.8	96.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 900	68.2	73.4	85.0	89.9	94.8	96.9	98.7	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 800	68.3	73.5	85.1	90.0	94.9	97.2	99.0	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 700	68.3	73.5	85.1	90.2	95.1	97.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 600	68.3	73.5	85.1	90.2	95.1	97.3	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 500	68.3	73.5	85.1	90.2	95.1	97.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	68.3	73.5	85.1	90.2	95.1	97.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	68.3	73.5	85.1	90.2	95.1	97.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	68.3	73.5	85.1	90.2	95.1	97.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	68.3	73.5	85.1	90.2	95.1	97.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	68.3	73.5	85.1	90.2	95.1	97.3	99.1	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	37.4	38.1	39.6	40.3	40.6	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 20000	46.0	47.2	49.7	50.4	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 18000	46.0	47.2	49.7	50.4	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 16000	46.0	47.2	49.7	50.4	50.7	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0	51.0
GE 14000	46.4	47.6	50.1	50.9	51.2	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 12000	47.2	48.4	50.9	51.6	51.9	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 10000	49.4	50.6	53.3	54.0	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 9000	49.4	50.6	53.3	54.0	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 8000	52.7	54.2	57.4	58.3	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 7000	54.9	56.8	60.4	61.3	62.2	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 6000	55.4	57.3	60.9	61.8	62.6	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 5000	58.9	61.0	64.6	65.6	67.0	67.4	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 4500	59.1	61.2	65.0	66.1	67.4	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4000	65.5	67.7	71.7	72.8	74.7	75.1	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	69.3	71.7	75.9	76.9	79.0	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3000	79.2	82.0	87.9	89.4	92.7	93.6	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0	94.0
GE 2500	80.4	83.2	89.1	90.6	93.9	94.8	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 2000	81.0	83.9	90.2	91.7	94.9	96.3	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 1800	81.0	83.9	90.2	91.7	94.9	96.3	96.7	96.9	96.9	96.9	96.9	96.9	97.0	97.0	97.0	97.0
GE 1500	81.5	84.5	90.8	92.3	95.7	97.2	97.6	97.9	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1
GE 1200	81.5	84.5	91.1	92.9	96.4	97.9	98.4	98.7	98.7	98.7	98.7	98.7	98.8	98.8	98.8	98.8
GE 1000	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 900	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 800	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 700	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 600	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 500	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 400	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 000	81.8	84.8	91.4	93.3	97.3	98.8	99.3	99.9	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 672

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL 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	40.4	42.0	42.9	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6	43.6
GE 20000	49.7	52.2	53.8	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7
GE 18000	49.7	52.2	53.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 16000	49.7	52.2	53.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 14000	49.7	52.2	53.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
GE 12000	51.7	54.2	56.0	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 10000	53.8	56.3	58.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 9000	53.8	56.3	58.2	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 8000	58.8	61.8	64.6	66.0	66.2	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 7000	60.1	63.5	67.0	68.4	68.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 6000	60.4	63.8	67.3	68.7	69.0	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.2
GE 5000	63.2	67.0	71.1	72.6	73.4	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 4500	64.0	67.8	71.9	73.4	74.2	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 4000	70.9	74.8	78.9	80.5	81.6	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8	81.8
GE 3500	75.0	79.1	83.2	84.9	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 3000	81.3	85.5	91.0	93.2	95.0	95.8	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	81.8	86.0	91.7	93.9	95.6	96.4	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	82.2	86.5	92.6	94.8	96.7	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	82.2	86.5	92.6	94.8	96.7	97.6	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	82.2	86.6	92.8	95.0	97.6	98.6	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	82.2	86.6	92.8	95.3	98.1	99.1	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
GE 1000	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 900	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 800	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 700	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.2	86.9	93.1	95.6	98.4	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 636

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	48.0	49.1	52.6	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
GE 20000	57.0	58.4	62.5	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 18000	57.2	58.5	62.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	57.2	58.5	62.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	57.7	59.0	63.1	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3	64.3
GE 12000	58.7	60.1	64.3	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 10000	61.8	63.1	67.7	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
GE 9000	62.3	63.7	68.3	69.5	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 8000	66.2	67.9	73.5	74.7	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 7000	69.1	71.0	77.8	79.2	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7	79.7
GE 6000	69.3	71.2	78.2	79.7	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 5000	72.7	74.6	81.6	83.4	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5	84.5
GE 4500	73.9	75.8	82.8	84.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	77.5	79.7	86.9	88.7	89.9	89.9	90.1	90.1	90.1	90.1	90.3	90.3	90.3	90.3	90.3	90.3
GE 3500	80.2	82.4	90.3	92.2	93.5	93.5	93.7	93.7	93.7	93.7	93.9	93.9	93.9	93.9	93.9	93.9
GE 3000	81.6	84.1	92.5	94.5	96.8	96.8	96.9	97.1	97.1	97.1	97.3	97.3	97.3	97.3	97.3	97.3
GE 2500	81.7	84.3	92.7	94.7	97.4	97.4	97.6	97.8	97.8	97.8	98.0	98.0	98.0	98.0	98.0	98.0
GE 2000	82.1	84.6	93.2	95.2	98.0	98.0	98.1	98.3	98.3	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	82.3	84.8	93.3	95.4	98.1	98.1	98.3	98.5	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6
GE 1500	82.3	84.8	93.5	95.7	98.5	98.5	98.6	98.8	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0
GE 1200	82.3	84.8	93.5	95.7	98.5	98.5	98.8	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.1
GE 1000	82.6	85.2	93.9	96.1	99.0	99.0	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 900	82.6	85.2	93.9	96.1	99.0	99.0	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 800	82.6	85.2	93.9	96.1	99.0	99.0	99.3	99.5	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 700	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	82.6	85.2	94.0	96.2	99.3	99.3	99.7	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 586

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTEFBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	46.5	48.2	53.5	54.5	56.2	56.4	56.4	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 20000	49.7	51.6	58.9	60.6	62.9	63.2	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 18000	49.7	51.6	58.9	60.6	62.9	63.2	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 16000	49.7	51.6	58.9	60.6	62.9	63.2	63.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 14000	49.9	51.8	59.0	61.3	63.6	64.0	64.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 12000	50.7	52.6	60.0	62.3	64.6	65.0	65.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1	66.1
GE 10000	53.3	55.4	63.2	65.5	67.8	68.2	68.2	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3	69.3
GE 9000	54.3	56.4	64.2	66.5	68.8	69.3	69.3	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.5
GE 8000	57.0	59.4	68.2	70.9	73.5	74.3	74.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 7000	58.7	61.1	70.9	73.5	76.2	77.0	77.0	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 6000	59.0	61.5	71.2	73.9	76.6	77.3	77.3	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7	78.7
GE 5000	61.5	64.4	74.5	77.3	80.4	81.3	81.5	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 4500	62.5	65.3	75.4	78.3	81.3	82.3	82.5	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4000	65.0	68.0	80.0	82.9	86.3	87.2	87.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 3500	67.6	70.7	83.4	86.5	90.1	91.0	91.2	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0	93.0
GE 3000	69.0	72.0	85.1	88.2	92.8	93.9	94.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 2500	69.0	72.0	85.1	88.2	93.1	94.3	94.5	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2000	69.1	72.2	85.7	88.8	94.3	95.4	95.6	97.3	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1800	69.5	72.6	86.1	89.1	94.7	95.8	96.0	97.7	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	69.7	72.8	86.5	89.7	95.2	96.4	96.6	98.3	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	69.7	72.8	86.7	90.1	95.6	96.8	97.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1000	69.7	72.8	86.7	90.1	95.6	96.8	97.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 900	69.7	72.8	86.7	90.1	95.6	96.8	97.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 800	69.7	72.8	86.7	90.1	95.6	96.8	97.0	98.7	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	69.7	72.8	86.7	90.1	95.8	97.0	97.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 600	69.7	72.8	86.7	90.1	95.8	97.0	97.1	98.9	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 500	69.7	72.8	86.7	90.1	95.8	97.0	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	69.7	72.8	86.7	90.1	95.8	97.0	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.7	72.8	86.7	90.1	95.8	97.0	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.7	72.8	86.7	90.1	95.8	97.0	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.7	72.8	86.7	90.1	95.8	97.0	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.7	72.8	86.7	90.1	95.8	97.0	97.7	99.4	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 525

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	38.1	39.9	45.1	46.6	48.5	48.8	49.1	49.4	49.4	49.5	49.5	49.5	49.5	49.5	49.5	49.6
GE 20000	43.8	45.9	52.0	53.7	56.0	56.4	56.7	57.0	57.0	57.1	57.1	57.1	57.1	57.1	57.2	57.2
GE 18000	43.8	46.0	52.1	53.8	56.1	56.5	56.7	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 16000	43.8	46.0	52.1	53.8	56.1	56.5	56.7	57.1	57.1	57.2	57.2	57.2	57.2	57.2	57.3	57.3
GE 14000	44.2	46.3	52.5	54.3	56.5	56.9	57.2	57.5	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.8
GE 12000	45.0	47.2	53.4	55.2	57.5	57.9	58.2	58.5	58.6	58.6	58.6	58.7	58.7	58.7	58.7	58.8
GE 10000	46.7	48.9	55.5	57.5	60.0	60.5	60.8	61.2	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.5
GE 9000	47.0	49.3	56.0	58.0	60.6	61.1	61.5	61.9	62.0	62.1	62.1	62.1	62.1	62.1	62.2	62.2
GE 8000	50.0	52.5	59.8	62.1	65.2	65.9	66.2	66.8	66.8	67.0	67.0	67.0	67.0	67.0	67.1	67.1
GE 7000	51.7	54.3	62.3	64.7	68.0	68.7	69.2	69.7	69.8	70.0	70.0	70.0	70.0	70.0	70.1	70.1
GE 6000	52.1	54.8	63.0	65.5	68.9	69.7	70.1	70.7	70.8	70.9	70.9	71.0	71.0	71.0	71.0	71.1
GE 5000	54.9	57.7	66.4	69.1	72.9	73.7	74.3	75.0	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.4
GE 4500	55.6	58.5	67.3	70.1	73.9	74.7	75.3	76.0	76.1	76.3	76.3	76.3	76.3	76.3	76.4	76.4
GE 4000	59.6	62.8	72.5	75.5	79.7	80.7	81.3	82.0	82.1	82.3	82.4	82.4	82.4	82.4	82.4	82.5
GE 3500	61.7	64.9	75.1	78.3	82.8	83.8	84.5	85.3	85.4	85.7	85.7	85.8	85.8	85.8	85.8	85.9
GE 3000	66.0	69.7	80.9	84.5	90.2	91.5	92.4	93.3	93.5	93.8	93.8	93.9	93.9	93.9	93.9	94.0
GE 2500	66.4	70.0	81.3	85.0	90.8	92.1	93.0	93.9	94.1	94.4	94.4	94.5	94.5	94.5	94.5	94.6
GE 2000	67.0	70.7	82.2	85.9	91.8	93.3	94.4	95.4	95.7	95.9	96.0	96.1	96.1	96.1	96.1	96.2
GE 1800	67.1	70.8	82.4	86.0	91.9	93.4	94.5	95.5	95.8	96.1	96.1	96.2	96.2	96.2	96.2	96.3
GE 1500	67.3	71.1	82.8	86.5	92.7	94.4	95.5	96.5	96.8	97.1	97.2	97.2	97.3	97.3	97.3	97.3
GE 1200	67.3	71.1	82.9	86.9	93.3	95.0	96.2	97.3	97.6	97.9	97.9	98.0	98.0	98.0	98.0	98.1
GE 1000	67.6	71.4	83.3	87.3	93.8	95.6	96.9	98.2	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.1
GE 900	67.6	71.4	83.3	87.3	93.8	95.6	96.9	98.2	98.5	98.8	98.9	98.9	99.0	99.0	99.0	99.1
GE 800	67.6	71.4	83.3	87.4	93.9	95.7	97.1	98.3	98.6	98.9	99.0	99.1	99.1	99.1	99.1	99.2
GE 700	67.6	71.4	83.3	87.5	94.0	95.9	97.3	98.5	98.9	99.1	99.3	99.3	99.3	99.3	99.4	99.4
GE 600	67.6	71.4	83.3	87.5	94.1	95.9	97.4	98.6	99.0	99.2	99.3	99.4	99.4	99.4	99.5	99.5
GE 500	67.6	71.4	83.3	87.5	94.1	96.0	97.5	98.8	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.8
GE 400	67.6	71.4	83.3	87.5	94.1	96.0	97.6	98.9	99.3	99.5	99.7	99.8	99.8	99.8	99.8	99.9
GE 300	67.6	71.4	83.3	87.5	94.1	96.0	97.6	98.9	99.3	99.5	99.7	99.8	99.9	99.9	99.9	100.0
GE 200	67.6	71.4	83.3	87.5	94.1	96.0	97.6	98.9	99.3	99.5	99.7	99.8	99.9	99.9	99.9	100.0
GE 100	67.6	71.4	83.3	87.5	94.1	96.0	97.6	98.9	99.3	99.5	99.7	99.8	99.9	99.9	99.9	100.0
GE 000	67.6	71.4	83.3	87.5	94.1	96.0	97.6	98.9	99.3	99.5	99.7	99.8	99.9	99.9	99.9	100.0

TOTAL NUMBER OF OBSERVATIONS 4443

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	33.7	35.2	39.8	44.4	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9	46.9
GE 20000	37.8	39.3	44.4	49.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	37.8	39.3	44.4	49.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 16000	37.8	39.3	44.4	49.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 14000	37.8	39.3	44.4	49.5	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 12000	38.3	39.8	44.9	50.0	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 10000	42.3	43.9	49.0	56.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 9000	42.3	43.9	49.0	56.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 8000	46.9	48.5	54.1	61.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 7000	46.9	48.5	54.1	61.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 6000	46.9	48.5	54.1	61.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	51.0	52.6	58.2	66.3	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4
GE 4500	52.0	53.6	59.2	67.3	71.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
GE 4000	56.1	57.7	65.8	74.0	80.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1	82.1
GE 3500	57.1	58.7	66.8	75.0	81.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	59.2	60.7	70.9	80.6	88.3	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
GE 2500	59.2	60.7	71.9	81.6	89.3	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
GE 2000	59.2	60.7	73.0	83.2	93.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1800	59.2	60.7	73.0	83.2	93.4	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1500	59.2	60.7	74.5	84.7	94.9	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1200	59.2	60.7	75.0	85.2	95.4	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 1000	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 900	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 700	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 600	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 500	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 400	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0
GE 300	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0
GE 200	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0
GE 100	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0
GE 000	59.2	60.7	75.5	85.7	95.9	98.5	98.5	98.5	99.0	99.0	99.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 196

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG 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	26.9	28.0	39.0	42.4	47.3	49.2	50.6	53.4	54.0	54.5	54.7	54.9	55.1	55.1	55.2	56.4
GE 20000	27.6	28.7	40.3	43.6	49.2	51.2	52.9	55.6	56.2	56.7	56.9	57.3	57.5	57.5	57.6	58.7
GE 18000	27.6	28.7	40.5	43.8	49.4	51.4	53.0	55.8	56.4	56.9	57.1	57.5	57.6	57.6	57.8	58.9
GE 16000	27.6	28.7	40.5	43.8	49.4	51.4	53.0	55.8	56.4	56.9	57.1	57.5	57.6	57.6	57.8	58.9
GE 14000	27.6	28.7	40.5	43.8	49.4	51.4	53.0	55.8	56.4	56.9	57.1	57.5	57.6	57.6	57.8	58.9
GE 12000	27.8	28.9	40.7	44.0	49.5	51.6	53.2	56.0	56.5	57.1	57.3	57.6	57.8	57.8	58.0	59.1
GE 10000	30.0	31.5	43.8	47.1	52.9	54.9	56.5	59.3	59.9	60.4	60.6	61.0	61.1	61.1	61.3	62.8
GE 9000	30.6	32.0	44.8	48.1	54.0	56.0	57.6	60.4	61.0	61.5	61.7	62.1	62.2	62.2	62.4	63.9
GE 8000	32.6	34.1	47.5	50.8	58.0	60.0	61.7	64.8	65.4	65.9	66.1	66.5	66.7	66.7	66.9	68.3
GE 7000	33.1	34.6	48.3	51.6	58.9	61.0	62.6	65.7	66.3	66.9	67.0	67.4	67.6	67.6	67.8	69.2
GE 6000	34.3	35.7	49.4	52.7	60.2	62.2	63.9	67.0	67.6	68.1	68.3	68.7	68.9	68.9	69.1	70.5
GE 5000	39.2	40.9	55.1	58.9	67.0	69.1	70.7	74.2	74.8	75.3	75.5	75.9	76.1	76.1	76.2	77.7
GE 4500	39.8	41.4	55.6	59.7	68.0	70.0	71.6	75.1	75.7	76.2	76.4	76.8	77.0	77.0	77.2	78.6
GE 4000	43.5	45.1	61.0	65.9	75.5	77.7	79.7	83.2	83.8	84.3	84.5	84.9	85.1	85.1	85.3	86.7
GE 3500	45.1	46.8	63.0	68.0	77.5	80.1	82.3	85.8	86.4	86.9	87.1	87.5	87.7	87.7	87.8	89.3
GE 3000	46.0	47.7	64.8	69.8	80.3	83.4	86.0	89.5	90.1	90.6	91.0	91.3	91.5	91.5	91.7	93.2
GE 2500	46.2	47.9	65.4	70.3	80.8	84.0	86.6	90.1	90.6	91.2	91.5	91.9	92.1	92.1	92.3	93.7
GE 2000	46.4	48.1	65.7	70.7	82.0	85.1	87.7	91.2	91.2	92.6	93.0	93.4	93.6	93.6	93.7	95.2
GE 1800	46.4	48.1	65.9	70.9	82.1	85.3	87.8	91.3	92.3	92.8	93.2	93.6	93.7	93.7	93.9	95.4
GE 1500	46.6	48.3	66.3	71.3	82.7	85.8	88.4	92.1	93.2	93.7	94.1	94.5	94.7	94.7	94.8	96.3
GE 1200	46.8	48.4	66.5	71.5	82.9	86.2	89.0	92.6	93.7	94.3	94.7	95.0	95.2	95.2	95.4	96.9
GE 1000	46.8	48.4	66.7	71.8	83.2	86.6	89.3	93.2	94.3	94.8	95.2	95.6	95.8	95.8	95.9	97.6
GE 900	46.8	48.4	66.7	71.8	83.2	86.6	89.5	93.4	94.5	95.0	95.4	95.8	95.9	95.9	96.1	97.8
GE 800	46.8	48.4	66.7	71.8	83.2	86.7	89.7	93.6	94.7	95.2	95.6	95.9	96.1	96.1	96.3	98.0
GE 700	47.0	48.6	66.9	72.0	83.8	87.3	90.2	94.3	95.4	95.9	96.3	96.7	96.9	96.9	97.1	98.7
GE 600	47.0	48.6	66.9	72.0	84.2	87.7	90.6	94.7	95.8	96.3	96.7	97.2	97.4	97.4	97.6	99.3
GE 500	47.0	48.6	66.9	72.0	84.2	87.7	90.6	94.7	95.8	96.3	96.9	97.8	98.0	98.0	98.2	99.8
GE 400	47.0	48.6	66.9	72.0	84.2	87.7	90.8	94.8	95.9	96.5	97.1	98.0	98.2	98.2	98.3	100.0
GE 300	47.0	48.6	66.9	72.0	84.2	87.7	90.8	94.8	95.9	96.5	97.1	98.0	98.2	98.2	98.3	100.0
GE 200	47.0	48.6	66.9	72.0	84.2	87.7	90.8	94.8	95.9	96.5	97.1	98.0	98.2	98.2	98.3	100.0
GE 100	47.0	48.6	66.9	72.0	84.2	87.7	90.8	94.8	95.9	96.5	97.1	98.0	98.2	98.2	98.3	100.0
GE 000	47.0	48.6	66.9	72.0	84.2	87.7	90.8	94.8	95.9	96.5	97.1	98.0	98.2	98.2	98.3	100.0

TOTAL NUMBER OF OBSERVATIONS 543

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	22.4	23.8	32.9	36.4	42.7	46.5	50.1	53.1	54.1	54.5	54.9	55.0	55.0	55.2	55.5	56.2
GE 20000	24.2	25.7	35.8	39.7	46.2	50.1	53.9	57.0	58.0	58.4	58.8	58.9	58.9	59.1	59.3	60.0
GE 18000	24.2	25.7	36.0	39.8	46.3	50.2	54.1	57.1	58.1	58.5	58.9	59.1	59.1	59.2	59.5	60.2
GE 16000	24.2	25.7	36.1	40.0	46.6	50.5	54.4	57.4	58.4	58.8	59.2	59.3	59.3	59.5	59.8	60.4
GE 14000	24.2	25.7	36.1	40.0	46.6	50.5	54.4	57.4	58.4	58.9	59.3	59.5	59.5	59.6	59.9	60.6
GE 12000	24.9	26.4	36.9	40.8	47.6	51.5	55.5	58.5	59.5	60.0	60.4	60.6	60.6	60.7	61.0	61.7
GE 10000	27.1	28.6	39.4	43.3	50.6	54.6	58.8	61.8	62.8	63.3	63.8	63.9	63.9	64.0	64.3	65.1
GE 9000	28.2	29.7	41.2	45.4	52.8	56.8	61.1	64.2	65.1	65.7	66.1	66.3	66.3	66.4	66.7	67.5
GE 8000	30.0	31.5	43.3	47.7	55.5	59.8	64.3	67.6	68.6	69.2	69.6	69.7	69.7	69.8	70.1	71.0
GE 7000	31.7	33.2	45.6	50.2	59.1	63.6	68.2	71.5	72.5	73.0	73.4	73.6	73.6	73.7	74.0	74.8
GE 6000	32.0	33.5	45.9	50.5	59.3	63.9	68.5	71.8	72.8	73.3	73.7	73.9	73.9	74.0	74.3	75.1
GE 5000	35.1	36.7	49.9	54.9	65.1	69.7	74.3	77.6	78.6	79.4	79.8	79.9	79.9	80.1	80.4	81.2
GE 4500	35.3	36.8	50.1	55.2	66.0	70.7	75.2	78.6	79.5	80.4	80.8	80.9	80.9	81.1	81.3	82.2
GE 4000	37.1	38.7	53.1	58.2	69.3	74.3	78.8	82.2	83.1	84.0	84.4	84.5	84.5	84.6	84.9	85.8
GE 3500	37.3	39.0	53.8	58.9	70.3	75.5	80.1	83.4	84.4	85.2	85.6	85.8	85.8	85.9	86.2	87.0
GE 3000	38.0	39.8	55.7	61.1	73.3	79.0	83.7	87.4	88.4	89.3	89.8	89.9	89.9	90.0	90.3	91.1
GE 2500	38.2	40.0	56.3	61.7	74.1	79.8	84.5	88.2	89.2	90.2	90.7	90.9	90.9	91.0	91.3	92.1
GE 2000	38.7	40.5	57.1	62.7	75.7	81.3	86.0	89.8	91.1	92.1	92.7	92.8	92.8	92.9	93.2	94.1
GE 1800	38.7	40.5	57.1	62.7	75.7	81.3	86.0	89.8	91.1	92.1	92.7	92.8	92.8	92.9	93.2	94.1
GE 1500	38.7	40.5	57.3	62.9	76.1	81.7	86.9	90.7	92.1	93.1	93.6	93.8	93.8	93.9	94.2	95.0
GE 1200	38.9	40.7	57.4	63.1	76.2	82.0	87.1	91.0	92.5	93.6	94.2	94.3	94.3	94.5	94.7	95.6
GE 1000	38.9	40.7	57.5	63.3	76.5	82.4	87.6	92.0	93.5	94.6	95.2	95.4	95.4	95.7	96.0	96.8
GE 900	39.1	40.9	58.0	63.8	76.9	82.8	88.0	92.4	93.9	95.2	95.7	96.0	96.0	96.3	96.5	97.4
GE 800	39.1	40.9	58.0	63.8	76.9	82.8	88.0	92.4	93.9	95.2	95.7	96.0	96.0	96.3	96.5	97.4
GE 700	39.1	40.9	58.1	64.0	77.5	83.4	88.5	92.9	94.5	95.7	96.3	96.5	96.5	96.8	97.1	97.9
GE 600	39.1	40.9	58.1	64.0	77.5	83.5	88.9	93.4	94.9	96.3	96.8	97.1	97.1	97.4	97.6	98.5
GE 500	39.1	40.9	58.1	64.0	77.5	83.7	89.3	93.8	95.3	96.7	97.4	97.8	97.8	98.1	98.3	99.2
GE 400	39.1	40.9	58.1	64.0	77.6	83.8	89.5	93.9	95.4	96.8	97.5	97.9	97.9	98.2	98.6	99.4
GE 300	39.1	40.9	58.1	64.0	77.6	83.8	89.5	93.9	95.4	96.8	97.5	97.9	97.9	98.2	98.8	99.7
GE 200	39.1	40.9	58.1	64.0	77.6	83.8	89.5	93.9	95.4	96.8	97.5	97.9	97.9	98.2	98.8	100.0
GE 100	39.1	40.9	58.1	64.0	77.6	83.8	89.5	93.9	95.4	96.8	97.5	97.9	97.9	98.2	98.8	100.0
GE 000	39.1	40.9	58.1	64.0	77.6	83.8	89.5	93.9	95.4	96.8	97.5	97.9	97.9	98.2	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 723

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: AUG 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	32.2	33.3	43.3	46.3	49.9	50.4	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 20000	36.5	37.8	47.9	51.0	55.1	55.7	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	36.7	37.9	48.1	51.1	55.3	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 16000	36.7	37.9	48.1	51.1	55.3	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 14000	36.7	37.9	48.1	51.1	55.3	55.8	56.1	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
GE 12000	37.8	39.0	49.2	52.2	56.7	57.4	57.6	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8	57.8
GE 10000	39.9	41.3	51.9	55.3	60.0	61.0	61.3	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 9000	41.4	42.9	53.9	57.5	62.6	63.6	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
GE 8000	44.3	45.8	57.2	60.8	66.1	67.4	67.9	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
GE 7000	46.0	47.6	59.2	62.8	68.3	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 6000	46.0	47.6	59.2	62.8	68.3	69.6	70.1	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	48.9	50.7	63.1	66.7	72.6	73.9	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	49.0	50.8	63.3	66.9	73.1	74.3	74.9	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0	75.0
GE 4000	53.1	55.3	68.9	72.5	79.0	80.6	81.3	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 3500	54.3	56.5	70.6	74.2	80.8	82.4	83.1	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.2
GE 3000	60.3	62.9	78.8	82.5	90.1	91.7	92.4	92.8	92.8	92.8	92.8	92.9	92.9	92.9	92.9	92.9
GE 2500	60.7	63.3	79.3	83.1	90.7	92.2	93.2	93.6	93.6	93.6	93.6	93.8	93.8	93.8	93.8	93.8
GE 2000	61.3	63.9	79.9	83.8	91.5	93.2	94.2	94.7	94.7	94.7	94.7	94.9	94.9	94.9	94.9	94.9
GE 1800	61.4	64.0	80.0	83.9	91.7	93.3	94.3	94.9	94.9	94.9	94.9	95.0	95.0	95.0	95.0	95.0
GE 1500	62.8	65.4	81.5	85.4	93.6	95.4	96.5	97.1	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2
GE 1200	62.9	65.6	81.7	85.6	93.8	96.0	97.4	97.9	97.9	97.9	97.9	98.1	98.1	98.1	98.1	98.1
GE 1000	62.9	65.6	81.8	85.7	94.7	97.2	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 900	62.9	65.6	81.8	85.7	94.7	97.2	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 800	62.9	65.6	81.8	85.7	94.7	97.2	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 700	62.9	65.6	81.8	85.7	94.7	97.2	98.6	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4
GE 600	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6
GE 500	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.6	99.7	99.7	99.7	99.7
GE 400	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.7	99.9	100.0	100.0	100.0
GE 300	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.7	99.9	100.0	100.0	100.0
GE 200	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.7	99.9	100.0	100.0	100.0
GE 100	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.7	99.9	100.0	100.0	100.0
GE 000	62.9	65.6	81.8	85.7	94.9	97.4	98.8	99.4	99.4	99.4	99.4	99.7	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 720

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	33.9	34.9	39.9	41.3	42.1	42.1	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
GE 20000	37.8	38.8	44.2	45.6	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 18000	37.8	38.8	44.2	45.6	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 16000	37.8	38.8	44.2	45.6	47.0	47.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
GE 14000	38.1	39.1	44.5	45.9	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
GE 12000	39.8	40.8	46.2	47.7	49.1	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
GE 10000	43.7	45.1	50.8	52.3	53.7	53.8	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 9000	46.3	47.7	53.7	55.2	56.6	56.7	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 8000	50.3	51.7	58.0	59.7	61.3	61.5	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
GE 7000	51.9	53.3	59.5	61.2	62.9	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	52.2	53.5	59.9	61.6	63.3	63.4	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6	63.6
GE 5000	55.8	57.4	64.3	66.1	67.7	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 4500	57.0	58.7	65.8	67.7	69.4	69.5	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7	69.7
GE 4000	65.5	67.3	75.2	77.5	79.6	79.7	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 3500	67.3	69.1	77.7	80.1	82.5	82.6	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
GE 3000	74.7	77.1	86.5	89.7	93.3	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 2500	75.5	77.9	87.3	90.5	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	76.6	79.0	89.0	92.2	96.0	96.4	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1800	76.6	79.0	89.0	92.2	96.0	96.4	96.5	96.8	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 1500	77.1	79.4	89.7	93.0	97.1	97.5	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1200	77.2	79.6	89.8	93.2	97.4	97.8	97.9	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1000	77.2	79.6	90.0	93.3	97.9	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 900	77.2	79.6	90.0	93.3	97.9	98.3	98.6	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 800	77.2	79.6	90.0	93.5	98.1	98.5	98.7	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 700	77.2	79.6	90.0	93.5	98.1	98.5	98.7	99.0	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 600	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 500	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 400	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 300	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 200	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
GE 000	77.2	79.6	90.1	93.6	98.5	98.9	99.3	99.6	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 719

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	41.9	44.0	47.2	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.5
GE 20000	48.4	50.8	54.6	56.6	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
GE 18000	48.7	51.1	54.9	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 16000	48.7	51.1	54.9	56.8	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
GE 14000	48.8	51.2	55.0	57.0	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5	57.5
GE 12000	50.2	52.8	56.6	58.5	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
GE 10000	53.3	56.1	60.4	62.5	63.0	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
GE 9000	55.0	57.8	62.2	64.3	64.9	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 8000	59.2	62.3	66.9	69.1	69.7	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
GE 7000	62.3	65.4	70.1	72.6	73.2	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6	73.6
GE 6000	62.6	65.7	70.4	72.9	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
GE 5000	67.1	70.2	74.9	77.4	78.0	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 4500	68.5	71.9	77.0	79.5	80.1	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4000	75.3	78.7	84.2	87.0	87.9	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
GE 3500	76.2	79.5	85.0	88.0	88.9	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3	89.3
GE 3000	81.8	85.3	91.1	94.5	95.8	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 2500	82.4	85.9	91.7	95.2	96.5	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
GE 2000	82.9	86.5	92.4	96.2	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	82.9	86.5	92.4	96.2	97.7	98.2	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1500	83.6	87.2	93.2	97.0	98.6	99.0	99.0	99.0	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	83.8	87.3	93.5	97.3	98.9	99.3	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 1000	83.8	87.3	93.5	97.3	98.9	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 900	83.8	87.3	93.5	97.3	98.9	99.4	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6	99.6
GE 800	83.8	87.3	93.5	97.3	99.2	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	83.8	87.3	93.5	97.5	99.3	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 709

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	45.7	47.6	51.6	52.4	52.8	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 20000	52.5	55.3	61.5	62.2	63.1	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 18000	52.8	55.6	61.8	62.5	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 16000	52.8	55.6	61.8	62.5	63.4	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 14000	53.1	56.0	62.2	62.9	63.8	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 12000	53.8	56.8	62.9	63.7	64.6	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9	64.9
GE 10000	57.5	60.6	66.9	67.6	68.8	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	59.4	62.6	69.6	70.3	71.5	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 8000	63.1	66.8	74.1	74.9	76.2	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 7000	65.3	69.0	76.5	77.2	78.7	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
GE 6000	65.9	69.6	77.4	78.2	79.7	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 5000	70.0	73.7	81.9	82.9	84.6	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9	84.9
GE 4500	71.0	75.0	83.7	84.7	86.3	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
GE 4000	75.7	79.7	88.7	89.9	91.8	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2
GE 3500	76.6	80.9	90.0	91.2	93.1	93.4	93.4	93.4	93.4	93.5	93.5	93.5	93.5	93.5	93.5	93.5
GE 3000	79.3	83.5	93.1	95.0	97.4	97.6	97.6	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 2500	79.4	83.7	93.2	95.1	97.5	97.8	97.8	97.9	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 2000	79.7	84.0	93.5	95.4	97.9	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1800	79.7	84.0	93.5	95.4	97.9	98.2	98.2	98.4	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 1500	79.9	84.1	93.7	95.6	98.1	98.4	98.4	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1200	79.9	84.1	94.0	95.9	98.4	98.7	98.7	98.8	98.8	99.0	99.0	99.0	99.0	99.0	99.0	99.0
GE 1000	79.9	84.3	94.3	96.2	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 900	79.9	84.3	94.3	96.2	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 800	79.9	84.3	94.3	96.2	98.8	99.1	99.1	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
GE 700	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	79.9	84.3	94.3	96.2	99.0	99.4	99.4	99.6	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 680

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	47.2	49.5	58.4	59.9	61.0	62.1	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6	62.6
GE 20000	51.6	53.9	63.4	65.9	67.8	68.9	69.4	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6	69.6
GE 18000	51.6	53.9	63.6	66.2	68.1	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 16000	51.6	53.9	63.6	66.2	68.1	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 14000	51.6	53.9	63.6	66.2	68.1	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 12000	51.6	53.9	63.6	66.2	68.1	69.2	69.7	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9	69.9
GE 10000	54.4	56.9	67.4	70.0	71.9	73.2	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 9000	54.9	57.4	67.8	70.5	72.6	73.8	74.3	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
GE 8000	57.6	60.1	70.7	73.3	75.9	77.1	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9	77.9
GE 7000	59.5	62.0	72.7	75.4	78.4	79.7	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
GE 6000	59.6	62.1	73.2	76.0	79.0	80.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4	81.4
GE 5000	62.0	64.8	77.0	80.0	83.1	84.5	85.3	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
GE 4500	62.3	65.3	77.4	80.4	84.4	86.0	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 4000	65.5	68.6	81.7	84.9	89.6	91.2	92.0	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1	92.1
GE 3500	65.9	69.1	82.3	85.5	90.2	91.8	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
GE 3000	68.5	71.6	85.3	88.6	94.2	95.9	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2500	68.5	71.6	85.3	88.6	94.2	95.9	96.8	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
GE 2000	69.1	72.2	86.3	89.6	95.4	97.2	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
GE 1800	69.1	72.2	86.3	89.6	95.4	97.3	98.3	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4	98.4
GE 1500	69.6	72.7	86.8	90.1	95.9	97.8	98.7	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
GE 1200	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 1000	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 900	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 800	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5	99.5
GE 700	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 600	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 000	69.9	73.0	87.2	90.5	96.4	98.4	99.4	99.5	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 634

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	35.7	37.2	44.3	46.6	49.1	50.1	50.9	51.7	51.9	52.0	52.1	52.1	52.2	52.2	52.2	52.5
GE 20000	39.8	41.6	49.5	51.9	54.9	56.0	56.8	57.6	57.8	58.0	58.0	58.1	58.1	58.1	58.2	58.4
GE 18000	39.9	41.7	49.6	52.1	55.1	56.2	57.0	57.8	58.0	58.1	58.2	58.3	58.3	58.3	58.4	58.6
GE 16000	39.9	41.7	49.6	52.2	55.1	56.2	57.1	57.9	58.1	58.2	58.3	58.3	58.3	58.4	58.4	58.7
GE 14000	40.0	41.8	49.8	52.3	55.3	56.3	57.2	58.0	58.2	58.3	58.4	58.5	58.5	58.5	58.6	58.8
GE 12000	40.9	42.7	50.6	53.2	56.2	57.3	58.2	59.0	59.2	59.3	59.4	59.5	59.5	59.5	59.6	59.8
GE 10000	43.8	45.8	54.2	56.9	60.1	61.3	62.2	63.0	63.2	63.4	63.5	63.5	63.5	63.6	63.6	63.9
GE 9000	45.2	47.3	56.0	58.7	62.1	63.3	64.2	65.0	65.2	65.4	65.5	65.5	65.5	65.6	65.6	65.9
GE 8000	48.4	50.5	59.5	62.4	66.1	67.4	68.4	69.3	69.5	69.7	69.7	69.8	69.8	69.8	69.9	70.2
GE 7000	50.1	52.3	61.5	64.4	68.4	69.8	70.8	71.7	71.9	72.1	72.1	72.2	72.2	72.2	72.3	72.6
GE 6000	50.5	52.6	62.0	64.9	68.9	70.3	71.4	72.3	72.5	72.6	72.7	72.7	72.8	72.8	72.8	73.1
GE 5000	54.1	56.4	66.3	69.5	73.9	75.3	76.3	77.2	77.4	77.6	77.7	77.8	77.8	77.8	77.9	78.1
GE 4500	54.8	57.2	67.3	70.6	75.2	76.6	77.7	78.6	78.8	79.0	79.1	79.1	79.1	79.2	79.2	79.5
GE 4000	59.5	62.0	73.1	76.5	81.7	83.3	84.4	85.4	85.6	85.8	85.8	85.9	85.9	85.9	86.0	86.3
GE 3500	60.5	63.1	74.5	77.9	83.2	84.9	86.0	87.0	87.2	87.4	87.4	87.5	87.5	87.6	87.6	87.9
GE 3000	64.3	67.0	79.3	83.2	89.3	91.1	92.4	93.4	93.6	93.8	93.9	94.0	94.0	94.0	94.1	94.4
GE 2500	64.6	67.3	79.8	83.7	89.8	91.7	93.0	94.0	94.2	94.4	94.5	94.6	94.6	94.7	94.7	95.0
GE 2000	65.2	67.9	80.5	84.6	91.1	93.1	94.3	95.4	95.8	96.0	96.1	96.2	96.2	96.2	96.3	96.6
GE 1800	65.2	67.9	80.6	84.6	91.2	93.1	94.4	95.5	95.8	96.0	96.2	96.2	96.3	96.3	96.3	96.6
GE 1500	65.6	68.4	81.2	85.3	92.0	94.0	95.3	96.4	96.8	97.0	97.2	97.2	97.3	97.3	97.3	97.6
GE 1200	65.8	68.5	81.5	85.6	92.3	94.4	95.8	96.9	97.3	97.5	97.6	97.7	97.7	97.8	97.8	98.1
GE 1000	65.8	68.5	81.6	85.7	92.7	94.8	96.2	97.5	97.9	98.1	98.3	98.4	98.4	98.4	98.5	98.8
GE 900	65.8	68.6	81.7	85.8	92.7	94.9	96.3	97.6	98.0	98.2	98.4	98.5	98.5	98.5	98.6	98.9
GE 800	65.8	68.6	81.7	85.8	92.8	95.0	96.4	97.7	98.1	98.3	98.4	98.5	98.6	98.6	98.7	99.0
GE 700	65.8	68.6	81.7	85.9	93.0	95.2	96.6	97.9	98.4	98.7	98.8	98.9	98.9	98.9	99.0	99.3
GE 600	65.8	68.6	81.7	85.9	93.1	95.3	96.8	98.1	98.6	98.9	99.0	99.1	99.2	99.2	99.3	99.6
GE 500	65.8	68.6	81.7	85.9	93.1	95.3	96.9	98.2	98.7	99.0	99.1	99.4	99.4	99.4	99.5	99.8
GE 400	65.8	68.6	81.7	85.9	93.1	95.3	96.9	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.6	99.9
GE 300	65.8	68.6	81.7	85.9	93.1	95.3	96.9	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.6	100.0
GE 200	65.8	68.6	81.7	85.9	93.1	95.3	96.9	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.6	100.0
GE 100	65.8	68.6	81.7	85.9	93.1	95.3	96.9	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.6	100.0
GE 000	65.8	68.6	81.7	85.9	93.1	95.3	96.9	98.2	98.7	99.0	99.2	99.5	99.5	99.5	99.6	100.0

TOTAL NUMBER OF OBSERVATIONS 4924

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP 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	30.5	32.4	38.1	40.5	49.5	50.0	50.5	52.4	52.4	52.9	53.3	54.3	54.3	54.8	55.7	57.1
GE 20000	32.4	34.8	41.9	44.3	55.7	56.2	57.1	59.0	59.0	59.5	60.0	61.0	61.0	61.4	62.4	63.8
GE 18000	32.4	34.8	41.9	44.3	55.7	56.2	57.1	59.0	59.0	59.5	60.0	61.0	61.0	61.4	62.4	63.8
GE 16000	32.4	34.8	41.9	44.3	55.7	56.2	57.1	59.0	59.0	59.5	60.0	61.0	61.0	61.4	62.4	63.8
GE 14000	32.4	34.8	41.9	44.3	55.7	56.2	57.1	59.0	59.0	59.5	60.0	61.0	61.0	61.4	62.4	63.8
GE 12000	32.4	34.8	41.9	44.3	55.7	56.2	57.1	59.0	59.0	59.5	60.0	61.0	61.0	61.4	62.4	63.8
GE 10000	35.7	38.1	47.1	49.5	61.4	61.9	63.3	65.2	65.2	65.7	66.2	67.1	67.1	67.6	68.6	70.0
GE 9000	36.2	38.6	47.6	50.0	61.9	62.4	63.8	65.7	65.7	66.2	66.7	67.6	67.6	68.1	69.0	70.5
GE 8000	38.1	40.5	49.5	51.9	64.3	64.8	66.2	68.1	68.1	68.6	69.0	70.0	70.0	70.5	71.4	72.9
GE 7000	38.6	41.0	50.0	52.4	64.8	65.2	66.7	68.6	68.6	69.0	69.5	70.5	70.5	71.0	71.9	73.3
GE 6000	38.6	41.0	50.0	52.4	64.8	65.2	66.7	68.6	68.6	69.0	69.5	70.5	70.5	71.0	71.9	73.3
GE 5000	38.6	41.0	50.0	52.4	64.8	65.2	66.7	68.6	68.6	69.0	69.5	70.5	70.5	71.0	71.9	73.3
GE 4500	39.0	41.4	50.5	52.9	65.2	65.7	67.1	69.0	69.0	69.5	70.0	71.0	71.0	71.4	72.4	73.8
GE 4000	41.9	44.8	54.8	58.6	71.9	72.9	74.3	76.2	76.2	76.7	77.1	78.1	78.1	78.6	79.5	81.0
GE 3500	42.9	45.7	58.1	62.4	76.2	77.1	78.6	80.5	80.5	81.0	81.4	82.4	82.4	82.9	83.8	85.2
GE 3000	45.7	48.6	61.0	66.2	82.4	83.8	85.2	87.1	87.1	87.6	88.6	90.0	90.0	90.5	91.4	92.9
GE 2500	46.2	49.0	61.4	66.7	82.9	84.3	85.7	87.6	87.6	88.1	89.0	90.5	90.5	91.0	91.9	93.3
GE 2000	47.1	50.0	62.4	67.6	83.8	85.2	86.7	88.6	88.6	89.0	90.0	91.4	91.4	91.9	92.9	94.3
GE 1800	47.1	50.0	62.4	67.6	83.8	85.2	86.7	88.6	88.6	89.0	90.0	91.4	91.4	91.9	92.9	94.3
GE 1500	47.1	50.0	62.4	67.6	83.8	85.2	86.7	88.6	88.6	89.0	90.0	91.4	91.4	91.9	92.9	94.3
GE 1200	47.1	50.0	62.4	67.6	83.8	85.2	86.7	88.6	88.6	89.0	90.0	91.4	91.4	91.9	92.9	94.3
GE 1000	47.1	50.0	62.4	67.6	83.8	85.2	86.7	90.0	90.0	90.5	91.4	92.9	92.9	93.3	94.3	95.7
GE 900	47.1	50.0	62.4	67.6	83.8	85.2	86.7	90.0	90.0	90.5	91.4	92.9	92.9	93.3	94.3	95.7
GE 800	47.1	50.0	62.4	67.6	83.8	85.2	86.7	90.0	90.0	90.5	91.4	92.9	92.9	93.3	94.3	95.7
GE 700	47.1	50.0	62.4	67.6	84.8	86.2	87.6	91.0	91.0	91.4	92.9	94.3	94.3	94.8	95.7	97.1
GE 600	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	93.8	95.7	95.7	96.2	97.1	98.6
GE 500	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	93.8	95.7	95.7	96.2	97.1	98.6
GE 400	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	93.8	95.7	95.7	96.2	97.1	98.6
GE 300	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	94.3	96.2	96.2	96.7	97.6	99.0
GE 200	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	94.3	96.2	96.2	97.1	98.1	99.5
GE 100	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	94.8	96.7	96.7	97.6	98.6	100.0
GE 000	47.1	50.0	62.4	67.6	85.2	86.7	88.1	91.4	91.4	91.9	94.8	96.7	96.7	97.6	98.6	100.0

TOTAL NUMBER OF OBSERVATIONS 210

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP 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	17.4	18.4	24.9	28.8	39.8	41.9	44.4	46.0	46.3	47.0	47.9	48.8	49.3	49.5	50.7	53.3
GE 20000	18.4	19.3	26.7	31.2	42.8	44.9	47.4	49.3	49.5	50.2	51.2	52.1	52.6	52.8	54.0	56.5
GE 18000	18.4	19.3	26.7	31.2	42.8	44.9	47.4	49.3	49.5	50.2	51.2	52.1	52.6	52.8	54.0	56.5
GE 16000	18.4	19.3	26.7	31.2	42.8	44.9	47.4	49.3	49.5	50.2	51.2	52.1	52.6	52.8	54.0	56.5
GE 14000	18.4	19.3	26.7	31.2	42.8	44.9	47.4	49.3	49.5	50.2	51.2	52.1	52.6	52.8	54.0	56.5
GE 12000	18.8	19.8	27.2	31.6	43.3	45.3	47.9	49.8	50.0	50.7	51.6	52.6	53.0	53.3	54.4	57.0
GE 10000	20.5	21.6	29.5	34.0	45.6	47.7	50.2	52.1	52.3	53.0	54.0	54.9	55.3	55.6	56.7	59.3
GE 9000	20.5	21.6	29.5	34.0	45.6	47.7	50.2	52.1	52.3	53.3	54.2	55.1	55.6	55.8	57.0	59.5
GE 8000	22.6	23.7	32.3	36.7	48.4	50.7	53.5	55.3	55.6	56.5	57.4	58.4	58.8	59.1	60.5	63.0
GE 7000	22.6	23.7	32.3	36.7	48.6	50.9	54.0	55.8	56.0	57.0	57.9	58.8	59.3	59.5	60.9	63.5
GE 6000	22.6	23.7	32.3	36.7	48.6	50.9	54.0	55.8	56.0	57.0	57.9	58.8	59.3	59.5	60.9	63.5
GE 5000	23.0	24.2	32.8	37.2	50.0	52.8	55.8	57.9	58.4	59.3	60.2	61.2	61.6	61.9	63.3	65.8
GE 4500	24.7	25.8	34.4	38.8	51.6	54.4	58.1	60.2	60.7	61.6	62.6	63.5	64.0	64.2	65.6	68.1
GE 4000	28.4	29.5	39.1	44.0	57.0	60.0	64.0	66.0	66.5	67.4	68.4	69.3	69.8	70.0	71.4	74.0
GE 3500	29.5	30.9	41.2	46.0	60.2	63.3	67.2	69.5	70.0	70.9	71.9	72.8	73.3	73.5	74.9	77.4
GE 3000	33.0	34.4	45.6	50.7	67.0	70.2	74.4	76.7	77.2	78.6	80.0	80.9	81.4	81.6	83.0	85.6
GE 2500	33.3	34.7	46.3	51.4	67.9	71.2	75.3	77.7	78.1	79.5	80.9	81.9	82.3	82.6	84.0	86.5
GE 2000	34.0	35.3	47.7	52.8	69.5	73.3	77.4	80.0	80.5	81.9	83.5	84.4	84.9	85.1	86.5	89.1
GE 1800	34.2	35.6	48.1	53.3	70.0	73.7	77.9	80.5	80.9	82.3	84.0	84.9	85.3	85.6	87.0	89.5
GE 1500	34.4	35.8	48.6	53.7	70.5	74.2	78.4	81.2	81.6	83.0	84.7	85.6	86.0	86.3	87.7	90.2
GE 1200	34.9	36.3	49.3	54.4	71.2	75.3	79.8	82.6	83.3	84.7	86.3	87.2	87.7	87.9	89.3	91.9
GE 1000	34.9	36.3	49.5	54.7	71.6	76.0	80.7	84.0	84.9	86.3	87.9	88.8	89.3	89.5	90.9	93.5
GE 900	34.9	36.3	49.5	54.7	71.6	76.0	80.7	84.0	84.9	86.3	87.9	88.8	89.3	89.5	90.9	93.5
GE 800	34.9	36.3	49.5	54.7	71.6	76.0	80.7	84.0	85.1	86.5	88.1	89.1	89.5	89.8	91.2	93.7
GE 700	34.9	36.3	49.5	54.7	71.6	76.0	81.4	85.1	86.3	87.7	89.3	90.2	90.7	90.9	92.3	94.9
GE 600	35.1	36.5	50.0	55.1	72.1	76.7	82.1	85.8	87.0	88.4	90.0	90.9	91.4	91.6	93.0	95.6
GE 500	35.1	36.5	50.0	55.1	72.3	77.2	82.6	86.3	87.9	89.3	90.9	91.9	92.8	93.0	94.4	97.2
GE 400	35.1	36.5	50.0	55.1	72.3	77.4	83.0	87.2	88.8	90.2	91.9	92.8	93.7	94.0	95.6	98.4
GE 300	35.1	36.5	50.0	55.1	72.3	77.4	83.0	87.2	88.8	90.2	91.9	92.8	94.0	94.2	96.0	98.8
GE 200	35.1	36.5	50.0	55.1	72.3	77.4	83.0	87.2	88.8	90.2	91.9	92.8	94.0	94.2	96.3	99.3
GE 100	35.1	36.5	50.0	55.1	72.3	77.4	83.0	87.2	89.3	90.7	92.3	93.3	94.7	94.9	97.0	100.0
GE 000	35.1	36.5	50.0	55.1	72.3	77.4	83.0	87.2	89.3	90.7	92.3	93.3	94.7	94.9	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 430

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	12.5	12.8	16.5	18.9	26.7	29.3	32.5	34.8	36.0	38.3	39.9	40.9	41.6	41.8	42.4	44.8
GE 20000	14.3	14.6	19.2	21.8	29.9	32.9	36.1	38.4	39.6	42.1	43.8	44.7	45.4	45.6	46.2	48.6
GE 18000	14.3	14.6	19.2	21.8	29.9	32.9	36.1	38.4	39.6	42.1	43.8	44.7	45.4	45.6	46.2	48.6
GE 16000	14.3	14.6	19.2	21.8	29.9	32.9	36.1	38.4	39.6	42.1	43.8	44.7	45.4	45.6	46.2	48.6
GE 14000	14.3	14.6	19.2	21.8	29.9	32.9	36.1	38.4	39.6	42.1	43.8	44.7	45.4	45.6	46.2	48.6
GE 12000	14.6	14.9	19.5	22.1	30.5	33.5	36.7	39.0	40.2	42.7	44.4	45.3	46.0	46.2	46.8	49.2
GE 10000	15.5	15.9	20.7	23.6	32.3	35.5	38.9	41.5	42.7	45.1	46.8	47.7	48.5	48.6	49.2	51.7
GE 9000	16.5	16.8	21.6	24.8	34.0	37.2	40.5	43.3	44.5	47.0	48.6	49.5	50.3	50.5	51.1	53.5
GE 8000	19.2	19.7	25.2	28.5	38.1	41.8	45.6	48.5	49.7	52.1	54.0	54.9	55.6	55.8	56.4	58.8
GE 7000	19.2	19.7	26.1	29.4	39.2	42.8	46.6	49.5	50.8	53.2	55.0	55.9	56.7	56.9	57.5	59.9
GE 6000	19.4	19.8	26.4	29.9	39.8	43.4	47.3	50.2	51.4	53.8	55.6	56.6	57.3	57.5	58.1	60.5
GE 5000	19.5	20.0	26.5	30.3	41.0	45.0	48.8	51.8	53.2	55.6	57.5	58.4	59.1	59.6	60.2	62.7
GE 4500	20.3	20.9	27.4	31.3	42.7	46.6	50.5	53.5	55.0	57.5	59.3	60.2	61.0	61.4	62.0	64.5
GE 4000	22.1	22.7	30.8	34.9	46.8	51.1	55.0	58.2	59.8	62.2	64.0	64.9	65.7	66.2	66.8	69.2
GE 3500	23.0	23.6	31.7	36.0	48.3	52.6	56.9	60.1	61.7	64.2	66.0	66.9	67.7	68.1	68.8	71.2
GE 3000	25.8	26.4	35.5	40.2	54.0	59.1	64.0	67.5	69.2	72.0	73.9	74.8	75.6	76.1	76.8	79.4
GE 2500	26.5	27.1	36.7	41.5	55.2	60.4	65.2	69.4	71.0	73.8	75.8	76.7	77.4	77.9	78.7	81.3
GE 2000	27.7	28.5	38.3	43.1	57.0	62.2	67.5	71.8	73.5	76.2	78.2	79.1	79.9	80.3	81.1	83.7
GE 1800	28.0	28.8	38.6	43.4	57.3	62.5	67.8	72.1	73.8	76.5	78.5	79.4	80.2	80.6	81.4	84.0
GE 1500	29.0	29.7	40.4	45.4	59.3	64.9	70.3	74.8	76.5	79.3	81.3	82.5	83.2	83.7	84.5	87.0
GE 1200	29.1	29.9	41.2	46.3	60.4	66.0	71.6	76.4	78.0	80.8	82.8	84.0	84.8	85.2	86.0	88.6
GE 1000	29.3	30.0	41.5	46.6	60.8	66.6	72.6	77.7	79.6	82.3	84.3	85.5	86.3	86.7	87.5	90.1
GE 900	29.3	30.0	41.5	46.6	61.0	66.8	72.7	77.9	79.7	82.6	84.6	85.8	86.6	87.0	87.8	90.4
GE 800	29.3	30.0	41.6	47.0	61.3	67.1	73.2	79.4	81.4	84.3	86.4	87.8	88.6	89.0	89.8	92.4
GE 700	29.3	30.0	41.6	47.0	61.3	67.2	73.3	79.7	81.9	84.9	87.0	88.4	89.2	89.6	90.4	93.0
GE 600	29.4	30.2	42.1	47.4	61.7	67.7	73.8	80.6	82.9	86.0	88.1	89.5	90.2	90.7	91.5	94.1
GE 500	29.4	30.2	42.1	47.4	61.7	68.0	74.1	81.1	83.4	86.4	88.6	89.9	90.7	91.3	92.2	94.8
GE 400	29.4	30.2	42.1	47.7	62.0	68.4	74.5	82.2	84.9	88.1	90.4	91.9	92.7	93.3	94.4	97.3
GE 300	29.4	30.2	42.1	47.7	62.0	68.4	74.5	82.2	84.9	88.1	90.7	92.2	93.1	94.2	95.4	98.6
GE 200	29.4	30.2	42.1	47.7	62.0	68.4	74.5	82.2	84.9	88.1	90.7	92.2	93.1	94.2	95.7	99.5
GE 100	29.4	30.2	42.1	47.7	62.0	68.4	74.5	82.2	84.9	88.1	90.7	92.2	93.4	94.5	96.2	100.0
GE 000	29.4	30.2	42.1	47.7	62.0	68.4	74.5	82.2	84.9	88.1	90.7	92.2	93.4	94.5	96.2	100.0

TOTAL NUMBER OF OBSERVATIONS 656

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	24.4	25.5	33.3	36.7	42.1	44.2	44.7	45.6	46.4	46.5	46.7	46.7	47.0	47.0	47.3	47.3
GE 20000	27.1	28.5	36.8	40.8	46.8	49.2	49.8	51.2	52.0	52.1	52.3	52.3	52.6	52.6	52.9	52.9
GE 18000	27.1	28.5	36.8	40.8	47.0	49.4	50.0	51.4	52.1	52.3	52.4	52.4	52.7	52.7	53.0	53.0
GE 16000	27.1	28.5	37.0	40.9	47.1	49.5	50.2	51.5	52.3	52.4	52.6	52.6	52.9	52.9	53.2	53.2
GE 14000	27.3	28.6	37.1	41.1	47.3	49.7	50.3	51.7	52.4	52.6	52.7	52.7	53.0	53.0	53.3	53.3
GE 12000	27.9	29.2	38.0	42.0	48.2	50.6	51.2	52.6	53.3	53.5	53.6	53.6	53.9	53.9	54.2	54.2
GE 10000	28.9	30.3	39.1	43.0	49.7	52.4	53.0	54.5	55.3	55.5	55.6	55.6	55.9	55.9	56.2	56.2
GE 9000	30.2	31.5	40.6	45.0	51.7	54.7	55.3	56.8	57.6	57.7	57.9	57.9	58.2	58.2	58.5	58.5
GE 8000	31.5	32.9	42.6	47.0	54.1	57.3	57.9	59.4	60.2	60.3	60.5	60.5	60.8	60.8	61.1	61.1
GE 7000	31.7	33.5	42.9	47.3	54.4	57.6	58.2	59.7	60.5	60.6	60.8	60.8	61.1	61.1	61.4	61.4
GE 6000	31.8	33.2	43.0	47.6	54.7	57.9	58.5	60.0	60.8	60.9	61.1	61.1	61.4	61.4	61.7	61.7
GE 5000	32.6	33.9	44.2	48.8	56.2	59.5	60.2	61.8	62.6	62.7	62.9	62.9	63.2	63.2	63.5	63.5
GE 4500	32.9	34.4	44.8	49.4	57.4	60.8	61.4	63.0	63.8	63.9	64.1	64.1	64.4	64.4	64.7	64.7
GE 4000	35.3	36.8	48.2	53.0	61.4	64.8	65.6	67.4	68.2	68.3	68.5	68.5	68.8	68.8	69.1	69.1
GE 3500	36.8	38.3	50.0	54.8	63.5	67.1	67.9	69.8	70.6	70.8	70.9	70.9	71.2	71.2	71.5	71.5
GE 3000	42.4	44.1	56.4	61.4	71.4	75.5	76.4	78.5	79.2	79.4	79.5	79.5	79.8	79.8	80.2	80.2
GE 2500	43.5	45.2	57.7	62.7	72.9	77.0	77.9	80.0	80.8	80.9	81.1	81.1	81.4	81.4	81.7	81.7
GE 2000	45.5	47.3	60.5	65.6	75.9	80.5	81.8	83.9	84.7	84.8	85.0	85.0	85.3	85.3	85.6	85.6
GE 1800	45.8	47.6	60.9	66.1	76.4	80.9	82.3	84.5	85.3	85.5	85.6	85.6	85.9	85.9	86.2	86.2
GE 1500	47.3	49.1	62.9	68.5	79.4	84.1	85.5	87.7	88.5	88.6	88.8	88.8	89.1	89.1	89.4	89.4
GE 1200	47.9	49.8	63.9	69.5	81.2	86.1	87.4	89.8	90.6	91.1	91.2	91.2	91.5	91.5	91.8	91.8
GE 1000	47.9	49.8	64.4	70.2	82.3	87.1	88.8	91.2	92.1	92.7	93.0	93.0	93.3	93.3	93.6	93.6
GE 900	47.9	49.8	64.4	70.2	82.3	87.4	89.1	91.5	92.4	93.0	93.3	93.3	93.6	93.6	93.9	93.9
GE 800	47.9	49.8	64.7	70.5	82.7	88.0	89.7	92.4	93.3	94.1	94.5	94.5	94.8	94.8	95.2	95.2
GE 700	47.9	49.8	64.7	70.5	82.7	88.0	89.7	92.7	93.6	94.4	94.8	94.8	95.2	95.2	95.5	95.5
GE 600	47.9	49.8	64.7	70.5	82.7	88.2	89.8	92.9	93.8	94.5	95.0	95.0	95.5	95.5	95.8	95.8
GE 500	47.9	49.8	64.7	70.5	82.9	89.1	90.9	94.1	95.2	95.9	96.4	96.7	97.1	97.1	97.4	97.4
GE 400	47.9	49.8	64.7	70.5	82.9	89.1	91.1	94.5	95.6	96.7	97.3	97.6	98.0	98.0	98.3	98.3
GE 300	47.9	49.8	64.7	70.5	82.9	89.1	91.1	94.5	95.6	96.7	97.3	97.6	98.2	98.2	98.5	98.6
GE 200	47.9	49.8	64.7	70.5	82.9	89.1	91.1	94.5	95.6	96.7	97.4	97.7	98.8	98.9	99.5	100.0
GE 100	47.9	49.8	64.7	70.5	82.9	89.1	91.1	94.5	95.6	96.7	97.4	97.7	98.8	98.9	99.5	100.0
GE 000	47.9	49.8	64.7	70.5	82.9	89.1	91.1	94.5	95.6	96.7	97.4	97.7	98.8	98.9	99.5	100.0

TOTAL NUMBER OF OBSERVATIONS 660

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	34.1	35.2	42.3	44.3	45.7	46.1	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 20000	38.4	39.8	47.2	49.5	51.6	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
GE 18000	38.4	39.8	47.2	49.5	51.7	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 16000	38.4	39.8	47.2	49.5	51.7	52.2	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 14000	38.7	40.1	47.5	49.9	52.2	52.7	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0	53.0
GE 12000	39.3	40.7	48.1	50.5	52.8	53.3	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 10000	41.4	42.8	50.2	52.7	55.5	56.3	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9
GE 9000	42.5	43.9	51.3	53.9	56.8	57.5	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
GE 8000	44.2	45.7	53.9	56.4	59.9	60.7	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 7000	44.5	46.0	54.2	56.8	60.4	61.2	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	44.5	46.0	54.3	56.9	60.5	61.3	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 5000	46.0	47.5	56.1	58.7	62.4	63.1	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4500	47.0	48.6	57.2	59.8	63.9	64.6	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 4000	51.0	52.7	61.5	64.0	68.9	69.7	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 3500	55.7	57.4	66.2	68.9	73.7	74.5	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
GE 3000	63.7	65.4	76.0	79.4	85.1	86.2	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
GE 2500	65.3	66.9	77.7	81.3	87.1	88.2	88.9	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2000	67.8	69.5	81.2	85.1	91.2	92.7	93.5	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
GE 1800	68.1	69.8	81.6	85.6	91.7	93.2	93.9	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
GE 1500	68.6	70.3	82.2	86.3	92.6	94.1	95.0	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
GE 1200	68.6	70.3	82.2	86.3	93.0	94.5	95.8	96.1	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 1000	68.7	70.4	82.4	86.6	93.5	95.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	68.7	70.4	82.4	86.6	93.5	95.1	96.7	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	68.7	70.4	82.4	86.6	93.6	95.3	97.0	97.3	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	68.7	70.4	82.4	86.6	93.8	95.4	97.1	97.4	97.7	97.7	97.9	98.0	98.0	98.0	98.0	98.0
GE 600	68.7	70.4	82.4	86.6	93.8	95.4	97.1	97.4	97.7	97.7	97.9	98.2	98.2	98.2	98.2	98.2
GE 500	68.7	70.4	82.4	86.6	93.8	95.4	97.1	97.6	97.9	98.0	98.2	98.5	98.5	98.5	98.5	98.5
GE 400	68.7	70.4	82.4	86.6	93.8	95.4	97.3	97.9	98.3	98.5	98.6	99.2	99.4	99.4	99.5	99.5
GE 300	68.7	70.4	82.4	86.6	93.8	95.4	97.3	97.9	98.3	98.5	98.6	99.2	99.4	99.4	99.5	99.5
GE 200	68.7	70.4	82.4	86.6	93.8	95.4	97.3	97.9	98.3	98.5	98.6	99.2	99.4	99.8	100.0	100.0
GE 100	68.7	70.4	82.4	86.6	93.8	95.4	97.3	97.9	98.3	98.5	98.6	99.2	99.4	99.8	100.0	100.0
GE 000	68.7	70.4	82.4	86.6	93.8	95.4	97.3	97.9	98.3	98.5	98.6	99.2	99.4	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP 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	37.1	39.0	44.9	46.0	47.6	48.1	48.1	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.2	48.2
GE 20000	43.7	45.5	51.4	52.5	54.5	54.9	54.9	54.9	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
GE 18000	43.7	45.5	51.6	52.7	54.6	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 16000	43.7	45.5	51.6	52.7	54.6	55.1	55.1	55.1	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 14000	43.8	45.7	51.9	53.0	54.9	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 12000	44.6	46.4	52.8	53.9	55.9	56.3	56.3	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 10000	47.2	49.3	56.3	57.7	60.3	60.7	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 9000	48.7	51.0	58.3	59.7	62.3	62.7	62.7	62.7	62.9	62.9	62.9	62.9	62.9	62.9	62.9	62.9
GE 8000	51.9	54.8	63.3	64.7	67.3	67.9	67.9	67.9	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 7000	52.4	55.3	63.9	65.3	67.9	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 6000	52.4	55.3	63.9	65.3	67.9	68.5	68.5	68.5	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 5000	55.7	58.9	67.7	69.1	71.8	72.6	72.6	72.6	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 4500	56.3	59.7	68.5	70.0	72.9	73.7	73.7	73.7	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 4000	60.4	63.8	73.7	75.5	78.5	79.3	79.3	79.3	79.5	79.5	79.5	79.5	79.5	79.5	79.5	79.5
GE 3500	63.9	67.4	77.5	79.6	83.0	83.7	83.7	83.7	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 3000	69.3	72.9	83.6	86.5	90.4	91.5	91.5	91.5	91.6	91.6	91.6	91.6	91.6	91.6	91.6	91.6
GE 2500	69.7	73.5	84.8	87.7	91.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 2000	70.9	75.0	87.4	90.4	94.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0	96.0
GE 1800	71.1	75.2	87.5	90.7	95.1	96.2	96.2	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1500	71.1	75.2	87.5	90.7	95.3	96.3	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 1200	71.1	75.2	87.5	90.7	95.3	96.3	96.3	96.3	96.5	96.5	96.7	96.7	96.7	96.7	96.7	96.7
GE 1000	71.1	75.2	87.8	91.0	95.6	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 900	71.1	75.2	87.8	91.0	95.6	96.7	96.8	96.8	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1
GE 800	71.1	75.2	87.8	91.0	95.6	96.7	97.0	97.1	97.6	97.6	97.7	97.7	97.7	97.9	97.9	97.9
GE 700	71.1	75.2	87.8	91.0	95.6	96.7	97.0	97.6	98.2	98.2	98.3	98.3	98.5	98.5	98.5	98.5
GE 600	71.1	75.2	87.8	91.0	95.9	97.0	97.3	97.9	98.5	98.5	98.6	98.6	98.8	98.8	98.8	98.8
GE 500	71.1	75.2	88.0	91.2	96.2	97.3	97.6	98.2	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4
GE 400	71.1	75.2	88.0	91.2	96.2	97.3	97.6	98.2	98.8	98.9	99.2	99.2	99.4	99.4	99.4	99.4
GE 300	71.1	75.2	88.0	91.2	96.2	97.3	97.6	98.2	98.9	99.1	99.4	99.4	99.5	99.7	99.7	99.7
GE 200	71.1	75.2	88.0	91.2	96.2	97.3	97.6	98.2	98.9	99.1	99.5	99.5	99.7	99.8	99.8	99.8
GE 100	71.1	75.2	88.0	91.2	96.2	97.3	97.6	98.2	98.9	99.1	99.5	99.5	99.7	99.8	100.0	100.0
GE 000	71.1	75.2	88.0	91.2	96.2	97.3	97.6	98.2	98.9	99.1	99.5	99.5	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 657

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	36.8	38.8	46.5	48.5	50.9	51.5	51.6	51.8	51.8	52.4	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	42.4	44.8	53.0	55.4	58.5	59.1	59.3	59.6	59.6	60.2	60.4	60.4	60.4	60.4	60.4	60.4
GE 18000	42.4	44.8	53.0	55.4	58.5	59.1	59.3	59.6	59.6	60.2	60.4	60.4	60.4	60.4	60.4	60.4
GE 16000	42.4	44.8	53.0	55.4	58.5	59.1	59.3	59.6	59.6	60.2	60.4	60.4	60.4	60.4	60.4	60.4
GE 14000	42.7	45.1	53.4	55.7	58.8	59.4	59.6	59.9	59.9	60.5	60.7	60.7	60.7	60.7	60.7	60.7
GE 12000	43.7	46.0	54.3	56.6	59.8	60.4	60.5	60.8	60.8	61.5	61.6	61.6	61.6	61.6	61.6	61.6
GE 10000	47.3	49.6	58.2	60.5	64.3	64.9	65.1	65.4	65.4	66.0	66.1	66.1	66.1	66.1	66.1	66.1
GE 9000	49.0	51.3	59.9	62.4	66.1	66.8	66.9	67.2	67.2	67.9	68.0	68.0	68.0	68.0	68.0	68.0
GE 8000	50.9	53.2	62.9	65.4	69.3	70.0	70.4	70.7	70.7	71.3	71.5	71.5	71.5	71.5	71.5	71.5
GE 7000	51.5	53.8	63.5	66.0	69.9	70.7	71.0	71.3	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.1
GE 6000	51.5	53.8	63.5	66.0	69.9	70.7	71.0	71.3	71.3	71.9	72.1	72.1	72.1	72.1	72.1	72.1
GE 5000	53.8	56.3	66.3	69.0	72.9	73.6	74.6	75.0	75.0	75.7	75.8	75.8	75.8	75.8	75.8	75.8
GE 4500	54.3	56.8	66.8	69.4	73.3	74.1	75.0	75.5	75.5	76.1	76.3	76.3	76.3	76.3	76.3	76.3
GE 4000	59.3	62.2	72.9	75.8	80.0	80.8	82.1	82.7	82.7	83.3	83.5	83.5	83.5	83.5	83.5	83.5
GE 3500	60.1	63.0	74.3	77.5	82.1	82.8	84.1	84.7	84.7	85.3	85.5	85.5	85.5	85.5	85.5	85.5
GE 3000	64.1	67.1	80.3	83.9	88.9	89.7	91.0	91.6	91.6	92.2	92.4	92.4	92.4	92.4	92.4	92.4
GE 2500	64.9	67.9	81.6	85.2	90.6	91.7	93.0	93.6	93.6	94.2	94.4	94.4	94.4	94.4	94.4	94.4
GE 2000	65.7	68.6	83.0	86.6	92.2	93.3	94.7	95.3	95.3	95.9	96.1	96.4	96.4	96.4	96.4	96.4
GE 1800	65.7	68.6	83.0	86.6	92.2	93.3	94.7	95.3	95.3	95.9	96.1	96.4	96.4	96.4	96.4	96.4
GE 1500	65.7	68.6	83.0	86.6	92.2	93.3	94.7	95.5	95.5	96.1	96.3	96.6	96.6	96.6	96.6	96.6
GE 1200	65.7	68.6	83.2	86.9	92.5	93.6	95.0	95.8	95.8	96.4	96.6	96.9	96.9	96.9	96.9	96.9
GE 1000	65.7	68.6	83.2	86.9	92.5	93.6	95.0	95.8	95.8	96.4	96.6	96.9	96.9	96.9	96.9	96.9
GE 900	65.7	68.6	83.3	87.1	92.7	93.8	95.2	95.9	95.9	96.6	96.7	97.0	97.0	97.0	97.0	97.0
GE 800	65.7	68.6	83.3	87.1	92.7	93.8	95.3	96.4	96.4	97.0	97.2	97.5	97.5	97.5	97.5	97.5
GE 700	65.7	68.6	83.3	87.1	92.7	93.8	95.3	96.4	96.4	97.0	97.2	97.5	97.5	97.5	97.5	97.5
GE 600	65.7	68.6	83.3	87.1	92.8	94.1	95.8	96.9	96.9	97.5	97.7	98.0	98.0	98.0	98.0	98.0
GE 500	65.7	68.6	83.3	87.1	93.1	94.5	96.3	97.3	97.3	98.0	98.4	98.9	99.1	99.1	99.1	99.1
GE 400	65.7	68.6	83.3	87.1	93.1	94.7	96.4	97.5	97.5	98.1	98.6	99.1	99.2	99.2	99.2	99.2
GE 300	65.7	68.6	83.3	87.1	93.1	94.7	96.4	97.7	97.7	98.3	98.8	99.2	99.4	99.4	99.5	99.5
GE 200	65.7	68.6	83.3	87.1	93.1	94.7	96.4	97.8	97.8	98.4	98.9	99.4	99.5	99.5	99.7	100.0
GE 100	65.7	68.6	83.3	87.1	93.1	94.7	96.4	97.8	97.8	98.4	98.9	99.4	99.5	99.5	99.7	100.0
GE 000	65.7	68.6	83.3	87.1	93.1	94.7	96.4	97.8	97.8	98.4	98.9	99.4	99.5	99.5	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 641

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSRACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP HCURS: 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	35.2	37.0	46.1	49.0	55.0	56.8	57.2	57.6	57.7	57.7	57.7	57.7	57.9	57.9	57.9	58.7
GE 20000	39.2	41.0	50.8	53.7	60.8	62.7	63.2	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.7
GE 18000	39.2	41.0	50.8	53.7	60.8	62.7	63.2	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.7
GE 16000	39.2	41.0	50.8	53.7	60.8	62.7	63.2	63.6	63.8	63.8	63.8	63.8	63.9	63.9	63.9	64.7
GE 14000	39.3	41.2	51.0	53.9	61.0	62.8	63.4	63.8	63.9	63.9	63.9	63.9	64.1	64.1	64.1	64.8
GE 12000	40.1	41.9	51.7	54.6	61.7	63.6	64.1	64.5	64.7	64.7	64.7	64.7	64.8	64.8	64.8	65.6
GE 10000	43.4	45.2	55.0	58.1	65.8	67.6	68.1	68.5	68.7	68.7	68.7	68.7	68.9	68.9	68.9	69.6
GE 9000	44.1	45.9	55.7	58.8	66.5	68.5	69.0	69.4	69.6	69.6	69.6	69.6	69.8	69.8	69.8	70.5
GE 8000	46.8	48.8	59.0	62.1	70.1	72.1	72.7	73.0	73.2	73.2	73.2	73.2	73.4	73.4	73.4	74.1
GE 7000	47.2	49.2	59.6	62.7	70.7	72.7	73.2	73.6	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.7
GE 6000	47.2	49.2	59.6	62.7	70.7	72.7	73.2	73.6	73.8	73.8	73.8	73.8	74.0	74.0	74.0	74.7
GE 5000	48.3	50.3	60.8	64.7	73.0	75.2	75.8	76.1	76.3	76.7	76.7	76.7	76.9	76.9	76.9	77.6
GE 4500	48.6	50.8	61.9	65.8	74.5	76.7	77.2	77.6	77.8	78.1	78.1	78.1	78.3	78.3	78.3	79.1
GE 4000	51.4	53.7	66.5	70.7	79.6	82.5	83.1	83.4	83.6	84.0	84.0	84.0	84.2	84.2	84.2	84.9
GE 3500	51.9	54.3	67.9	72.1	82.1	85.6	86.2	86.5	86.7	87.1	87.1	87.1	87.2	87.2	87.2	88.0
GE 3000	53.9	56.3	70.9	75.4	86.0	89.4	90.2	90.7	91.1	91.4	91.4	92.0	92.2	92.2	92.2	92.9
GE 2500	53.9	56.3	71.0	75.6	86.2	89.6	90.3	90.9	91.3	91.6	91.6	92.2	92.3	92.3	92.3	93.1
GE 2000	54.3	56.8	71.8	76.7	87.2	91.3	92.0	92.5	93.1	93.8	93.8	94.4	94.5	94.5	94.5	95.3
GE 1800	54.3	56.8	71.8	76.7	87.2	91.3	92.0	92.5	93.1	93.8	93.8	94.4	94.5	94.5	94.5	95.3
GE 1500	54.3	56.8	72.1	77.2	88.0	92.0	92.7	93.3	93.8	94.5	94.5	95.1	95.3	95.3	95.3	96.0
GE 1200	54.3	56.8	72.3	77.4	88.2	92.2	92.9	93.4	94.0	94.7	94.7	95.3	95.4	95.4	95.4	96.2
GE 1000	54.3	56.8	72.3	77.6	88.3	92.3	93.1	93.6	94.2	94.9	94.9	95.4	95.6	95.6	95.6	96.4
GE 900	54.3	56.8	72.7	78.0	88.7	92.7	93.4	94.0	94.5	95.3	95.3	95.8	96.0	96.0	96.0	96.7
GE 800	54.3	56.8	72.9	78.1	88.9	93.1	93.8	94.4	94.9	95.6	95.6	96.2	96.4	96.4	96.4	97.1
GE 700	54.3	56.8	72.9	78.1	88.9	93.1	93.8	94.4	94.9	95.6	95.6	96.2	96.4	96.4	96.4	97.1
GE 600	54.3	56.8	72.9	78.1	88.9	93.1	94.2	94.7	95.3	96.0	96.0	96.5	96.7	96.7	96.7	97.4
GE 500	54.3	56.8	72.9	78.1	88.9	93.3	94.5	95.1	95.6	96.4	96.4	96.9	97.3	97.6	98.0	98.7
GE 400	54.3	56.8	72.9	78.1	88.9	93.3	94.5	95.1	95.6	96.4	96.4	96.9	97.3	97.6	98.0	98.7
GE 300	54.3	56.8	72.9	78.1	88.9	93.3	94.5	95.1	95.6	96.4	96.4	96.9	97.3	97.6	98.0	98.7
GE 200	54.3	56.8	72.9	78.1	88.9	93.3	94.5	95.1	95.6	96.4	96.4	96.9	97.6	98.2	98.5	99.8
GE 100	54.3	56.8	72.9	78.1	88.9	93.3	94.5	95.1	95.6	96.4	96.4	96.9	97.6	98.2	98.7	100.0
GE 000	54.3	56.8	72.9	78.1	88.9	93.3	94.5	95.1	95.6	96.4	96.4	96.9	97.6	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 549

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: SEP 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	28.7	30.0	36.8	39.2	44.2	45.5	46.4	47.2	47.6	48.1	48.5	48.8	49.0	49.1	49.4	50.1
GE 20000	32.4	33.9	41.2	43.9	49.6	51.1	52.1	53.0	53.3	53.9	54.3	54.5	54.8	54.8	55.1	55.9
GE 18000	32.4	33.9	41.3	43.9	49.7	51.1	52.1	53.0	53.4	53.9	54.3	54.6	54.8	54.9	55.2	56.0
GE 16000	32.4	33.9	41.3	44.0	49.7	51.2	52.2	53.0	53.4	54.0	54.4	54.6	54.9	54.9	55.2	56.0
GE 14000	32.6	34.1	41.5	44.2	49.9	51.4	52.4	53.2	53.6	54.2	54.6	54.8	55.1	55.1	55.4	56.2
GE 12000	33.2	34.7	42.1	44.8	50.6	52.1	53.1	54.0	54.3	54.9	55.3	55.6	55.8	55.8	56.1	56.9
GE 10000	35.4	37.0	44.7	47.6	53.8	55.4	56.5	57.4	57.8	58.3	58.7	59.0	59.2	59.3	59.6	60.4
GE 9000	36.5	38.0	45.9	48.9	55.2	56.8	57.9	58.9	59.3	59.8	60.2	60.5	60.7	60.8	61.1	61.9
GE 8000	38.7	40.4	49.0	52.0	58.6	60.4	61.6	62.6	63.0	63.6	64.0	64.3	64.5	64.6	64.9	65.6
GE 7000	39.0	40.7	49.5	52.5	59.2	61.0	62.2	63.2	63.6	64.2	64.6	64.9	65.1	65.2	65.5	66.2
GE 6000	39.0	40.7	49.6	52.6	59.3	61.2	62.4	63.4	63.7	64.3	64.7	65.0	65.2	65.3	65.6	66.4
GE 5000	40.4	42.2	51.2	54.4	61.5	63.4	64.7	65.8	66.2	66.9	67.3	67.5	67.8	67.9	68.2	69.0
GE 4500	41.1	43.0	52.1	55.3	62.7	64.7	66.0	67.1	67.5	68.2	68.6	68.9	69.1	69.2	69.5	70.3
GE 4000	44.4	46.5	56.6	60.1	67.9	70.0	71.5	72.7	73.1	73.7	74.2	74.4	74.7	74.8	75.1	75.8
GE 3500	46.3	48.4	59.0	62.7	70.9	73.2	74.7	75.9	76.3	77.0	77.4	77.7	77.9	78.0	78.3	79.1
GE 3000	50.9	53.0	64.6	68.8	78.1	80.7	82.4	83.7	84.2	84.9	85.4	85.7	86.0	86.1	86.4	87.2
GE 2500	51.6	53.7	65.7	69.9	79.3	82.0	83.7	85.1	85.5	86.3	86.8	87.1	87.4	87.5	87.8	88.6
GE 2000	52.9	55.1	67.7	72.1	81.7	84.6	86.4	87.9	88.4	89.1	89.7	90.1	90.3	90.4	90.7	91.5
GE 1800	53.0	55.3	68.0	72.3	81.9	84.8	86.7	88.2	88.7	89.4	90.0	90.4	90.6	90.7	91.0	91.8
GE 1500	53.5	55.7	68.7	73.2	83.0	85.9	87.8	89.4	89.9	90.7	91.2	91.6	91.9	92.0	92.3	93.1
GE 1200	53.7	55.9	69.1	73.6	83.6	86.6	88.6	90.3	90.8	91.6	92.2	92.6	92.9	93.0	93.3	94.1
GE 1000	53.7	56.0	69.3	73.9	84.0	87.1	89.3	91.1	91.7	92.5	93.1	93.6	93.8	93.9	94.2	95.0
GE 900	53.7	56.0	69.3	74.0	84.1	87.2	89.4	91.2	91.8	92.7	93.3	93.7	93.9	94.1	94.4	95.2
GE 800	53.7	56.0	69.4	74.1	84.2	87.4	89.7	91.8	92.5	93.4	94.0	94.5	94.8	94.9	95.2	96.0
GE 700	53.7	56.0	69.4	74.1	84.3	87.5	89.9	92.1	92.9	93.8	94.5	95.0	95.2	95.3	95.7	96.4
GE 600	53.7	56.0	69.5	74.2	84.5	87.8	90.2	92.5	93.3	94.2	94.9	95.5	95.7	95.8	96.2	97.0
GE 500	53.7	56.0	69.6	74.2	84.6	88.2	90.6	93.0	93.9	94.8	95.6	96.2	96.5	96.7	97.1	97.9
GE 400	53.7	56.0	69.6	74.3	84.7	88.3	90.8	93.4	94.3	95.3	96.1	96.8	97.2	97.4	97.8	98.7
GE 300	53.7	56.0	69.6	74.3	84.7	88.3	90.8	93.4	94.4	95.4	96.3	96.9	97.4	97.6	98.2	99.1
GE 200	53.7	56.0	69.6	74.3	84.7	88.3	90.8	93.4	94.4	95.4	96.3	97.0	97.6	98.0	98.6	99.8
GE 100	53.7	56.0	69.6	74.3	84.7	88.3	90.8	93.4	94.4	95.5	96.4	97.1	97.7	98.1	98.8	100.0
GE 000	53.7	56.0	69.6	74.3	84.7	88.3	90.8	93.4	94.4	95.5	96.4	97.1	97.7	98.1	98.8	100.0

TOTAL NUMBER OF OBSERVATIONS 4462

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	20.2	21.2	31.8	31.8	42.4	46.5	47.5	51.0	52.5	53.0	53.5	53.5	53.5	53.5	54.5	57.6
GE 20000	22.7	23.7	34.8	34.8	46.0	50.0	51.0	56.1	57.6	58.1	58.6	58.6	58.6	58.6	59.6	62.6
GE 18000	22.7	23.7	34.8	34.8	46.0	50.0	51.0	56.1	57.6	58.1	58.6	58.6	58.6	58.6	59.6	62.6
GE 16000	22.7	23.7	34.8	34.8	46.0	50.0	51.0	56.1	57.6	58.1	58.6	58.6	58.6	58.6	59.6	62.6
GE 14000	22.7	23.7	34.8	34.8	46.0	50.0	51.0	56.1	57.6	58.1	58.6	58.6	58.6	58.6	59.6	62.6
GE 12000	22.7	23.7	34.8	34.8	46.0	50.0	51.0	56.1	57.6	58.1	58.6	58.6	58.6	58.6	59.6	62.6
GE 10000	24.7	25.8	37.4	37.9	49.5	53.5	54.5	59.6	61.1	61.6	62.1	62.1	62.1	62.1	63.1	66.2
GE 9000	24.7	25.8	37.4	37.9	49.5	53.5	54.5	59.6	61.1	61.6	62.1	62.1	62.1	62.1	63.1	66.2
GE 8000	26.8	27.8	39.4	39.9	51.5	55.6	56.6	61.6	63.1	63.6	64.1	64.1	64.1	64.1	65.2	68.2
GE 7000	27.3	28.3	39.9	40.4	52.0	56.1	57.1	62.1	63.6	64.1	64.6	64.6	64.6	64.6	65.7	68.7
GE 6000	27.3	28.3	39.9	40.4	52.0	56.1	57.1	62.1	63.6	64.1	64.6	64.6	64.6	64.6	65.7	68.7
GE 5000	29.3	30.3	41.9	42.9	54.5	58.6	59.6	64.6	66.2	66.7	67.2	67.2	67.2	67.2	68.2	71.2
GE 4500	29.3	30.3	41.9	42.9	54.5	58.6	59.6	64.6	66.2	66.7	67.2	67.2	67.2	67.2	68.2	71.2
GE 4000	31.8	33.3	47.0	49.5	61.6	65.7	66.7	71.7	73.2	73.7	74.2	74.2	74.2	74.2	75.3	78.3
GE 3500	35.4	36.9	50.5	53.0	65.2	69.2	70.2	75.3	76.8	77.3	77.8	77.8	77.8	77.8	78.8	81.8
GE 3000	38.9	40.4	54.0	57.1	69.2	73.2	74.2	79.3	81.3	81.8	82.8	82.8	82.8	82.8	83.8	86.9
GE 2500	38.9	40.4	54.0	57.1	69.2	73.2	74.2	79.3	81.3	81.8	82.8	82.8	82.8	82.8	83.8	86.9
GE 2000	39.4	42.4	56.1	59.1	71.2	75.3	76.3	81.3	83.3	83.8	84.8	84.8	84.8	84.8	85.9	88.9
GE 1800	39.4	42.4	56.1	59.1	71.2	75.3	76.3	81.3	83.3	83.8	84.8	84.8	84.8	84.8	85.9	88.9
GE 1500	40.4	43.4	57.1	60.1	72.7	76.8	77.8	82.8	84.8	85.4	86.4	86.4	86.4	86.4	87.4	90.4
GE 1200	40.9	44.4	58.1	61.1	73.7	77.8	78.8	84.8	86.9	87.4	88.4	88.4	88.4	88.4	89.4	92.4
GE 1000	40.9	44.4	58.1	61.1	73.7	77.8	78.8	85.4	87.4	87.9	88.9	88.9	88.9	88.9	89.9	92.9
GE 900	40.9	44.4	58.1	61.1	73.7	77.8	78.8	85.4	87.4	87.9	88.9	88.9	88.9	88.9	89.9	92.9
GE 800	40.9	44.4	58.1	61.1	73.7	77.8	78.8	85.4	87.4	87.9	88.9	88.9	88.9	88.9	89.9	92.9
GE 700	40.9	44.4	58.1	61.1	73.7	77.8	78.8	85.4	87.4	87.9	88.9	88.9	88.9	88.9	89.9	92.9
GE 600	40.9	44.4	58.1	61.1	73.7	77.8	78.8	85.4	87.4	87.9	88.9	88.9	88.9	88.9	89.9	93.4
GE 500	40.9	44.4	58.1	61.1	73.7	77.8	78.8	85.4	87.4	87.9	88.9	88.9	88.9	88.9	89.9	93.4
GE 400	40.9	44.4	58.1	61.1	73.7	78.3	79.3	86.4	88.9	89.4	90.4	90.4	90.4	90.4	91.4	95.5
GE 300	40.9	44.4	58.1	61.1	73.7	78.3	79.3	86.4	88.9	89.9	90.9	90.9	90.9	90.9	92.4	98.5
GE 200	40.9	44.4	58.1	61.1	73.7	78.3	79.3	86.4	88.9	89.9	90.9	90.9	90.9	90.9	92.4	98.5
GE 100	40.9	44.4	58.1	61.1	73.7	78.3	79.3	86.4	88.9	89.9	90.9	90.9	90.9	90.9	92.4	99.5
GE 000	40.9	44.4	58.1	61.1	73.7	78.3	79.3	86.4	88.9	89.9	90.9	90.9	90.9	90.9	92.4	100.0

TOTAL NUMBER OF OBSERVATIONS 198

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	17.6	19.6	25.9	28.1	37.2	38.0	39.9	43.5	46.0	46.8	47.4	48.8	49.3	50.1	50.4	53.7
GE 20000	17.6	19.8	26.2	28.4	38.3	39.1	41.0	44.6	47.1	48.2	48.8	50.1	50.7	51.5	51.8	55.1
GE 18000	17.6	19.8	26.2	28.4	38.3	39.1	41.0	44.6	47.1	48.2	48.8	50.1	50.7	51.5	51.8	55.1
GE 16000	17.6	19.8	26.2	28.4	38.3	39.1	41.0	44.6	47.1	48.2	48.8	50.1	50.7	51.5	51.8	55.1
GE 14000	17.6	19.8	26.2	28.4	38.3	39.1	41.0	44.6	47.1	48.2	48.8	50.1	50.7	51.5	51.8	55.1
GE 12000	17.6	19.8	26.2	28.4	38.3	39.1	41.0	44.6	47.1	48.2	48.8	50.1	50.7	51.5	51.8	55.1
GE 10000	19.0	21.2	28.1	30.9	41.0	41.9	43.8	47.4	49.9	51.0	51.5	52.9	53.4	54.3	54.5	57.9
GE 9000	19.0	21.2	28.1	30.9	41.0	41.9	43.8	47.4	49.9	51.0	51.5	52.9	53.4	54.3	54.5	57.9
GE 8000	20.4	22.6	29.8	32.5	42.7	43.5	45.5	49.0	51.5	52.6	53.2	54.5	55.1	55.9	56.2	59.8
GE 7000	20.4	22.6	29.8	32.5	42.7	43.5	45.5	49.0	51.5	52.6	53.2	54.5	55.1	55.9	56.2	59.8
GE 6000	20.4	22.6	29.8	32.5	42.7	43.5	45.5	49.0	51.5	52.6	53.2	54.5	55.1	55.9	56.2	59.8
GE 5000	22.6	24.8	32.8	35.5	45.7	46.6	48.5	52.1	54.5	55.6	56.2	57.6	58.1	59.0	59.2	62.8
GE 4500	22.6	24.8	33.1	35.8	46.0	46.8	48.8	52.3	54.8	55.9	56.5	57.9	58.4	59.2	59.5	63.1
GE 4000	23.1	25.3	34.2	37.5	49.0	50.4	52.6	56.2	58.7	59.8	60.3	61.7	62.3	63.1	63.4	66.9
GE 3500	24.8	27.0	35.8	39.4	51.0	52.3	54.5	58.1	60.6	61.7	62.3	63.6	64.2	65.0	65.3	68.9
GE 3000	26.4	28.7	38.6	42.7	55.1	56.5	59.0	63.4	65.8	66.9	67.8	69.4	70.0	70.8	71.1	74.7
GE 2500	27.0	29.2	39.9	44.1	56.7	58.1	60.6	65.0	67.5	68.6	69.4	71.1	71.6	72.5	72.7	76.3
GE 2000	27.8	30.0	41.3	45.5	58.1	59.5	62.3	66.9	69.4	70.5	71.3	73.0	73.6	74.4	74.7	78.2
GE 1800	28.1	30.3	41.6	45.7	58.4	60.1	62.8	67.5	70.0	71.1	71.9	73.6	74.1	74.9	75.2	78.8
GE 1500	28.4	30.9	42.1	46.6	59.2	60.9	63.6	68.6	71.1	72.2	73.0	74.7	75.2	76.0	76.3	79.9
GE 1200	29.5	32.0	43.8	48.2	60.9	62.5	65.8	71.1	73.8	74.9	75.8	77.4	78.0	78.8	79.1	82.6
GE 1000	30.9	33.3	45.5	49.9	62.8	64.5	67.8	73.0	75.8	77.1	78.0	79.6	80.2	81.0	81.3	84.8
GE 900	30.9	33.3	45.5	49.9	62.8	64.5	67.8	73.0	75.8	77.1	78.0	79.6	80.2	81.0	81.3	84.8
GE 800	30.9	33.3	45.5	49.9	62.8	64.5	68.0	73.6	76.3	77.7	78.5	80.2	80.7	81.5	81.8	85.4
GE 700	30.9	33.3	46.3	50.7	63.6	65.3	68.9	74.7	77.7	79.3	80.2	81.8	82.4	83.2	83.5	87.3
GE 600	30.9	33.3	46.3	50.7	63.9	65.6	69.1	75.2	78.2	79.9	80.7	82.4	82.9	83.7	84.0	87.9
GE 500	30.9	33.3	46.3	51.0	64.2	66.1	70.2	76.6	79.9	81.5	82.4	84.0	84.6	85.4	86.0	90.4
GE 400	30.9	33.3	46.3	51.0	64.5	66.4	70.8	77.1	80.4	82.1	82.9	85.1	85.7	86.5	87.6	92.8
GE 300	30.9	33.3	46.3	51.0	64.5	66.4	70.8	77.1	80.7	82.6	83.5	86.0	86.5	87.3	88.7	95.0
GE 200	30.9	33.3	46.3	51.0	64.5	66.4	70.8	77.4	81.0	82.9	83.7	86.2	86.8	87.9	89.8	97.0
GE 100	30.9	33.3	46.3	51.0	64.5	66.4	70.8	77.4	81.0	82.9	83.7	86.2	86.8	87.9	90.1	100.0
GE 000	30.9	33.3	46.3	51.0	64.5	66.4	70.8	77.4	81.0	82.9	83.7	86.2	86.8	87.9	90.1	100.0

TOTAL NUMBER OF OBSERVATIONS 363

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: OCT 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	9.6	10.3	16.0	18.1	23.9	26.1	27.9	31.2	32.1	33.0	34.0	35.4	36.3	37.8	39.1	43.9
GE 20000	9.9	10.6	16.4	18.8	24.9	27.2	29.0	32.5	33.6	34.5	35.5	36.9	37.8	39.3	40.7	45.5
GE 18000	9.9	10.6	16.4	18.8	24.9	27.2	29.0	32.5	33.6	34.5	35.5	36.9	37.8	39.3	40.7	45.5
GE 16000	9.9	10.6	16.4	18.8	24.9	27.2	29.0	32.5	33.6	34.5	35.5	36.9	37.8	39.3	40.7	45.5
GE 14000	9.9	10.6	16.4	18.8	24.9	27.2	29.0	32.5	33.6	34.5	35.5	36.9	37.8	39.3	40.7	45.5
GE 12000	10.0	10.7	16.6	19.0	25.1	27.3	29.1	32.7	33.7	34.6	35.7	37.0	37.9	39.4	40.9	45.7
GE 10000	11.2	11.9	17.8	20.6	26.7	29.0	30.7	34.6	35.7	36.6	37.8	39.1	40.0	41.6	43.1	47.9
GE 9000	11.2	11.9	17.8	20.6	26.7	29.0	30.7	34.8	35.8	36.7	37.9	39.3	40.1	41.8	43.3	48.1
GE 8000	12.1	12.8	19.1	22.2	28.5	30.9	32.7	36.7	38.1	39.0	40.3	41.6	42.5	44.3	45.8	50.6
GE 7000	12.2	13.0	19.4	22.5	29.1	31.5	33.3	37.3	38.7	39.6	40.9	42.2	43.1	44.9	46.4	51.2
GE 6000	12.2	13.0	19.4	22.5	29.1	31.5	33.3	37.3	38.7	39.6	40.9	42.2	43.1	44.9	46.4	51.2
GE 5000	14.5	15.2	21.8	25.1	31.8	34.5	36.3	40.4	41.8	43.1	44.5	45.8	46.7	48.5	50.0	54.8
GE 4500	14.6	15.4	22.1	25.4	32.1	34.8	36.6	40.7	42.1	43.4	44.8	46.1	47.0	48.8	50.3	55.1
GE 4000	15.7	16.4	23.7	27.2	34.9	37.6	39.4	43.7	45.4	46.7	48.2	49.7	50.6	52.4	53.9	58.7
GE 3500	17.0	17.9	25.4	28.8	36.7	39.4	41.5	46.0	47.6	49.0	50.4	51.9	52.8	54.6	56.1	60.9
GE 3000	19.7	21.0	29.0	32.4	41.3	44.5	46.6	51.5	53.4	55.1	56.6	58.1	59.3	61.0	62.5	67.3
GE 2500	20.3	21.8	29.9	33.3	42.5	45.7	48.1	53.1	55.1	56.7	58.2	59.7	60.9	62.8	64.3	69.1
GE 2000	21.6	23.1	31.9	35.4	44.8	48.2	50.7	56.1	58.4	60.1	61.6	63.1	64.3	66.3	67.8	72.5
GE 1800	21.6	23.1	32.1	35.5	44.9	48.4	50.9	56.4	58.7	60.4	61.9	63.4	64.6	66.6	68.1	72.8
GE 1500	22.4	23.9	33.1	36.6	46.3	49.7	52.2	57.9	60.1	61.9	63.4	64.9	66.1	68.1	69.6	74.3
GE 1200	23.7	25.4	34.6	38.2	48.5	52.1	55.1	61.5	63.9	65.8	67.3	68.8	70.0	71.9	73.4	78.2
GE 1000	24.3	26.0	35.2	39.0	49.3	52.8	56.1	62.5	64.9	66.9	68.4	69.9	71.0	73.0	74.5	79.3
GE 900	24.6	26.3	35.5	39.4	49.7	53.3	56.7	63.1	65.5	67.5	69.0	70.4	71.6	73.6	75.1	79.9
GE 800	24.9	26.6	35.8	39.7	50.1	53.9	57.3	64.3	66.9	68.8	70.3	71.8	73.0	74.9	76.4	81.2
GE 700	24.9	26.6	36.0	39.9	50.4	54.2	57.6	64.9	67.5	69.4	70.9	72.5	73.7	75.7	77.2	82.2
GE 600	24.9	26.6	36.1	40.0	50.7	54.5	58.0	66.6	69.6	71.5	73.1	74.9	76.1	78.1	80.0	85.1
GE 500	24.9	26.6	36.4	40.3	51.3	55.1	60.0	69.0	72.1	74.6	76.9	78.8	80.1	82.1	84.2	89.3
GE 400	24.9	26.6	36.4	40.3	51.5	55.4	60.4	69.4	72.5	75.2	77.6	79.9	81.2	83.1	85.4	90.9
GE 300	24.9	26.6	36.4	40.3	51.5	55.4	60.4	69.6	73.0	75.7	78.2	80.7	82.2	84.6	87.3	94.0
GE 200	24.9	26.6	36.4	40.3	51.5	55.4	60.4	69.6	73.0	75.7	78.4	81.0	82.7	85.4	88.5	97.0
GE 100	24.9	26.6	36.4	40.3	51.5	55.4	60.4	69.6	73.1	75.8	78.8	81.5	83.1	86.0	89.4	99.9
GE 000	24.9	26.6	36.4	40.3	51.5	55.4	60.4	69.6	73.1	75.8	78.8	81.5	83.1	86.0	89.4	100.0

TOTAL NUMBER OF OBSERVATIONS 670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	16.5	17.6	22.8	25.2	30.7	32.5	33.7	35.9	37.0	38.2	38.6	38.7	39.3	39.8	40.2	41.6
GE 20000	19.1	20.1	25.5	28.0	33.5	35.3	36.7	38.9	39.9	41.1	41.6	41.7	42.3	42.8	43.2	44.7
GE 18000	19.1	20.1	25.5	28.0	33.5	35.3	36.7	38.9	39.9	41.1	41.6	41.7	42.3	42.8	43.2	44.7
GE 16000	19.1	20.1	25.5	28.0	33.5	35.3	36.7	38.9	39.9	41.1	41.6	41.7	42.3	42.8	43.2	44.7
GE 14000	19.1	20.1	25.5	28.0	33.5	35.3	36.7	38.9	39.9	41.1	41.6	41.7	42.3	42.8	43.2	44.7
GE 12000	19.5	20.6	25.9	28.6	34.4	36.2	37.6	39.8	40.8	42.0	42.5	42.6	43.2	43.7	44.1	45.6
GE 10000	20.3	21.3	27.4	30.3	36.5	38.6	39.9	42.2	43.2	44.4	44.9	45.0	45.6	46.1	46.5	48.0
GE 9000	21.0	22.1	28.3	31.1	37.6	39.8	41.6	44.0	45.0	46.2	46.6	46.8	47.4	47.8	48.4	49.9
GE 8000	23.2	24.4	31.0	34.1	40.7	43.4	45.8	48.6	49.6	50.8	51.3	51.4	52.0	52.5	53.1	54.5
GE 7000	23.2	24.4	31.4	34.6	41.9	44.7	47.1	50.1	51.1	52.3	52.8	52.9	53.5	53.9	54.5	56.0
GE 6000	23.2	24.4	31.4	34.6	41.9	44.7	47.1	50.1	51.1	52.3	52.8	52.9	53.5	53.9	54.5	56.0
GE 5000	24.3	25.5	32.6	35.9	43.5	46.3	48.7	51.9	53.1	54.2	54.8	55.0	55.6	56.0	56.6	58.1
GE 4500	24.9	26.1	33.4	36.7	44.3	47.1	49.5	52.6	53.8	55.0	55.6	55.7	56.3	56.8	57.4	58.9
GE 4000	26.5	27.7	35.9	39.2	47.1	49.9	52.5	55.7	57.1	58.3	59.2	59.3	59.9	60.4	61.0	62.4
GE 3500	28.9	30.3	38.7	42.3	50.8	53.8	56.5	59.8	61.1	62.3	63.2	63.3	63.9	64.4	65.0	66.5
GE 3000	31.9	33.5	42.3	46.1	55.9	58.9	61.7	65.1	66.8	68.0	68.9	69.0	69.6	70.0	70.6	72.1
GE 2500	32.6	34.3	43.2	46.9	56.9	59.9	63.2	66.8	68.6	69.9	70.8	71.1	71.8	72.3	72.9	74.4
GE 2000	33.4	35.0	44.1	47.8	58.4	62.6	66.3	70.3	72.4	73.8	74.7	75.0	75.7	76.2	76.8	78.2
GE 1800	33.4	35.0	44.1	47.8	58.4	62.6	66.3	70.3	72.4	73.8	74.7	75.0	75.7	76.2	76.8	78.2
GE 1500	35.5	37.3	46.5	50.7	61.4	65.7	69.7	73.8	75.9	77.2	78.1	78.4	79.1	79.6	80.2	81.7
GE 1200	35.9	37.7	47.1	51.3	62.4	66.9	71.4	75.6	77.6	79.0	79.9	80.2	80.9	81.4	82.0	83.5
GE 1000	36.4	38.2	47.5	52.0	63.3	67.8	73.0	77.8	80.2	82.0	82.9	83.3	84.1	84.5	85.1	86.6
GE 900	36.4	38.2	47.5	52.0	63.3	67.8	73.2	77.9	80.3	82.1	83.0	83.5	84.2	84.6	85.2	86.7
GE 800	36.4	38.2	47.5	52.0	63.5	68.1	73.6	78.7	81.1	82.9	83.8	84.2	84.9	85.4	86.0	87.5
GE 700	36.4	38.2	47.5	52.0	63.5	68.4	74.1	79.3	81.7	83.6	84.5	84.9	85.8	86.3	86.9	88.5
GE 600	36.4	38.2	47.5	52.0	63.6	69.3	75.1	80.6	83.2	85.1	86.4	86.9	87.9	88.5	89.4	91.1
GE 500	36.4	38.2	47.5	52.0	64.4	70.2	77.0	83.5	86.0	88.4	90.3	90.9	92.0	92.8	93.7	95.4
GE 400	36.4	38.2	47.5	52.0	64.4	70.2	77.2	83.6	86.1	89.0	90.9	91.7	92.7	93.6	94.5	96.3
GE 300	36.4	38.2	47.5	52.0	64.4	70.2	77.2	83.6	86.1	89.0	90.9	91.7	92.7	93.9	95.1	98.5
GE 200	36.4	38.2	47.5	52.0	64.4	70.2	77.2	83.6	86.1	89.0	90.9	91.7	92.8	94.2	95.4	99.6
GE 100	36.4	38.2	47.5	52.0	64.4	70.2	77.2	83.6	86.1	89.1	91.1	91.8	93.0	94.5	95.7	100.0
GE 000	36.4	38.2	47.5	52.0	64.4	70.2	77.2	83.6	86.1	89.1	91.1	91.8	93.0	94.5	95.7	100.0

TOTAL NUMBER OF OBSERVATIONS 671

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/RATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	21.6	21.9	28.9	31.9	37.0	39.4	39.9	40.6	41.1	41.2	41.2	41.2	41.4	41.5	41.5	41.5
GE 20000	25.3	25.9	33.9	36.9	42.6	45.0	45.4	46.2	46.6	46.8	46.8	46.8	46.9	47.1	47.1	47.1
GE 18000	25.3	25.9	33.9	36.9	42.7	45.1	45.6	46.3	46.8	46.9	46.9	46.9	47.1	47.2	47.2	47.2
GE 16000	25.3	25.9	33.9	36.9	42.9	45.3	45.7	46.5	46.9	47.1	47.1	47.1	47.2	47.4	47.4	47.4
GE 14000	25.5	26.1	34.2	37.5	43.5	45.9	46.3	47.1	47.5	47.7	47.7	47.7	47.8	48.0	48.0	48.0
GE 12000	25.5	26.1	34.2	37.5	43.6	46.0	46.5	47.2	47.7	47.8	47.8	47.8	48.0	48.1	48.1	48.1
GE 10000	26.4	27.0	35.2	38.7	45.1	47.5	48.0	48.7	49.2	49.3	49.3	49.3	49.5	49.6	49.6	49.6
GE 9000	27.7	28.3	37.0	40.5	47.2	49.8	50.5	51.3	51.7	51.9	51.9	51.9	52.0	52.2	52.2	52.2
GE 8000	30.7	31.5	40.8	44.4	51.4	54.0	55.2	55.9	56.4	56.5	56.5	56.5	56.7	56.8	56.8	56.8
GE 7000	31.5	32.2	41.7	45.4	52.8	55.3	56.7	57.4	57.9	58.0	58.0	58.0	58.2	58.3	58.3	58.3
GE 6000	31.5	32.2	41.7	45.4	52.8	55.3	56.7	57.4	57.9	58.0	58.0	58.0	58.2	58.3	58.3	58.3
GE 5000	32.4	33.3	42.7	46.6	54.1	56.7	58.0	58.8	59.2	59.4	59.4	59.4	59.5	59.7	59.7	59.7
GE 4500	33.3	34.2	43.6	47.5	55.2	57.7	59.1	59.8	60.3	60.4	60.4	60.4	60.6	60.7	60.7	60.7
GE 4000	36.7	37.6	47.4	51.6	59.2	61.8	63.3	64.5	64.9	65.1	65.1	65.1	65.2	65.4	65.4	65.4
GE 3500	39.3	40.3	50.7	55.8	63.7	66.4	67.9	69.1	69.6	69.7	69.7	69.7	69.9	70.0	70.0	70.0
GE 3000	44.7	46.2	57.7	63.1	72.0	74.8	76.3	77.5	78.0	78.1	78.3	78.3	78.4	78.6	78.6	78.6
GE 2500	46.0	47.5	59.1	64.5	73.8	76.6	78.1	79.5	80.2	80.4	80.5	80.5	80.7	80.8	80.8	80.8
GE 2000	47.4	48.9	61.2	67.0	77.1	80.2	81.7	83.7	84.4	84.6	84.7	84.7	84.9	85.0	85.0	85.0
GE 1800	47.5	49.0	61.3	67.3	77.4	80.5	82.0	84.0	84.7	84.9	85.0	85.0	85.2	85.3	85.3	85.3
GE 1500	48.6	50.1	63.3	69.7	80.1	83.2	84.7	86.7	87.4	87.6	87.7	87.7	87.9	88.0	88.0	88.0
GE 1200	49.0	50.5	64.0	70.5	81.3	84.7	86.2	88.3	89.1	89.2	89.4	89.4	89.5	89.7	89.7	89.7
GE 1000	49.5	51.0	64.5	71.1	82.5	86.5	88.5	90.7	91.8	92.2	92.4	92.4	92.5	92.7	92.7	92.7
GE 900	49.5	51.0	64.5	71.5	82.9	87.0	88.9	91.2	92.2	92.7	92.8	92.8	93.0	93.1	93.1	93.1
GE 800	49.5	51.0	64.6	71.7	83.1	87.3	89.2	91.6	92.7	93.1	93.3	93.6	93.7	93.9	93.9	93.9
GE 700	49.5	51.0	64.6	71.8	83.2	87.4	89.4	91.8	92.8	93.3	93.4	93.9	94.0	94.2	94.2	94.2
GE 600	49.5	51.0	64.6	71.8	83.4	87.7	89.7	92.5	93.7	94.2	94.5	94.9	95.1	95.2	95.2	95.2
GE 500	49.5	51.0	64.6	71.8	84.0	88.8	91.3	94.8	96.1	97.0	97.6	98.1	98.4	98.5	98.5	98.5
GE 400	49.5	51.0	64.6	71.8	84.0	88.8	91.3	95.1	96.7	97.6	98.2	98.7	99.0	99.1	99.1	99.1
GE 300	49.5	51.0	64.6	71.8	84.0	88.8	91.3	95.1	96.7	97.6	98.2	98.7	99.0	99.1	99.1	99.7
GE 200	49.5	51.0	64.6	71.8	84.0	88.8	91.3	95.1	96.7	97.6	98.2	98.7	99.0	99.1	99.4	100.0
GE 100	49.5	51.0	64.6	71.8	84.0	88.8	91.3	95.1	96.7	97.6	98.2	98.7	99.0	99.1	99.4	100.0
GE 000	49.5	51.0	64.6	71.8	84.0	88.8	91.3	95.1	96.7	97.6	98.2	98.7	99.0	99.1	99.4	100.0

TOTAL NUMBER OF OBSERVATIONS 667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	24.3	25.3	33.1	37.6	42.9	43.7	44.0	44.6	45.1	45.1	45.1	45.1	45.1	45.1	45.1	45.1
GE 20000	28.7	29.7	38.2	43.1	48.7	49.6	50.1	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 18000	28.7	29.7	38.2	43.1	48.7	49.6	50.1	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 16000	28.7	29.7	38.2	43.1	48.7	49.6	50.1	50.7	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
GE 14000	28.7	29.7	38.4	43.2	48.9	49.8	50.2	50.8	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
GE 12000	29.3	30.3	39.0	43.9	49.5	50.4	50.8	51.4	51.9	51.9	51.9	51.9	51.9	51.9	51.9	51.9
GE 10000	31.1	32.2	41.0	45.8	51.4	52.4	53.1	53.7	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000	32.3	33.4	42.2	47.2	52.8	53.7	54.6	55.2	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
GE 8000	35.8	37.3	46.9	52.2	58.0	58.9	59.8	60.4	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 7000	37.9	39.5	49.0	54.3	60.1	61.0	62.1	62.7	63.1	63.1	63.1	63.1	63.1	63.1	63.1	63.1
GE 6000	37.9	39.5	49.2	54.6	60.4	61.3	62.4	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
GE 5000	39.0	40.5	50.5	56.3	62.4	63.4	64.6	65.3	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
GE 4500	40.1	41.6	51.6	57.8	63.9	64.9	66.2	66.8	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4000	43.4	44.9	55.2	61.5	68.3	69.3	70.7	71.3	71.8	71.8	71.8	71.8	71.8	71.8	71.8	71.8
GE 3500	46.6	48.4	59.3	66.0	72.8	73.9	75.3	75.9	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3000	51.3	53.9	65.7	72.5	79.8	80.9	82.2	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
GE 2500	52.0	54.6	67.2	74.2	81.9	83.0	84.4	85.1	85.6	85.6	85.6	85.6	85.6	85.6	85.6	85.6
GE 2000	54.0	56.8	69.7	76.6	85.1	86.6	88.0	88.8	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
GE 1800	54.3	57.1	70.0	76.9	85.4	86.9	88.3	89.1	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.5
GE 1500	54.6	57.7	70.9	77.8	87.6	89.1	90.4	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
GE 1200	55.2	58.3	71.6	78.8	88.9	90.9	92.4	93.3	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
GE 1000	55.2	58.3	71.8	79.2	89.8	92.6	94.1	95.1	95.8	95.8	95.8	95.8	95.8	95.8	95.8	95.8
GE 900	55.2	58.3	71.8	79.2	89.8	92.6	94.1	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 800	55.2	58.3	71.8	79.2	89.8	92.6	94.1	95.6	96.2	96.2	96.2	96.2	96.2	96.2	96.2	96.2
GE 700	55.2	58.3	71.8	79.2	90.0	92.7	94.2	95.9	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 600	55.2	58.3	71.8	79.2	90.0	92.7	94.5	96.4	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 500	55.4	58.4	71.9	79.4	90.1	92.9	94.7	97.3	98.2	98.3	98.5	98.5	98.5	98.5	98.5	98.5
GE 400	55.4	58.4	71.9	79.4	90.1	92.9	94.7	97.4	98.3	98.5	98.8	98.9	98.9	98.9	98.9	98.9
GE 300	55.4	58.4	71.9	79.4	90.1	92.9	94.7	97.4	98.3	98.5	98.8	98.9	98.9	98.9	99.1	99.4
GE 200	55.4	58.4	71.9	79.4	90.1	92.9	94.7	97.4	98.3	98.5	98.8	98.9	98.9	98.9	99.5	99.8
GE 100	55.4	58.4	71.9	79.4	90.1	92.9	94.7	97.4	98.3	98.5	98.8	98.9	99.1	99.1	99.7	100.0
GE 000	55.4	58.4	71.9	79.4	90.1	92.9	94.7	97.4	98.3	98.5	98.8	98.9	99.1	99.1	99.7	100.0

TOTAL NUMBER OF OBSERVATIONS 659

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	27.8	28.9	35.1	36.6	44.4	46.4	47.9	50.2	51.3	51.6	52.4	52.6	52.7	52.9	52.9	52.9
GE 20000	31.1	32.3	39.4	41.3	49.1	51.3	53.0	55.3	56.4	56.7	57.5	57.7	57.8	58.0	58.0	58.0
GE 18000	31.2	32.5	39.6	41.4	49.3	51.5	53.2	55.5	56.6	56.9	57.7	57.8	58.0	58.1	58.1	58.1
GE 16000	31.2	32.5	39.6	41.4	49.3	51.5	53.2	55.5	56.6	56.9	57.7	57.8	58.0	58.1	58.1	58.1
GE 14000	31.4	32.6	39.7	41.6	49.6	51.8	53.5	55.8	56.9	57.2	58.0	58.1	58.3	58.4	58.4	58.4
GE 12000	31.5	32.8	39.9	41.7	49.8	51.9	53.6	56.0	57.0	57.3	58.1	58.3	58.4	58.6	58.6	58.6
GE 10000	32.8	34.2	41.6	43.6	51.8	54.3	56.0	58.3	59.4	59.7	60.4	60.6	60.7	60.9	60.9	60.9
GE 9000	34.0	35.4	42.8	44.8	53.0	55.6	57.3	59.7	60.7	61.1	61.8	62.0	62.1	62.3	62.3	62.3
GE 8000	37.6	38.9	47.3	49.3	57.5	60.1	62.1	64.5	65.5	65.8	66.6	66.8	66.9	67.1	67.1	67.1
GE 7000	39.7	41.1	49.5	51.6	60.0	62.6	64.6	67.1	68.2	68.5	69.2	69.4	69.6	69.7	69.7	69.7
GE 6000	39.7	41.1	49.5	51.6	60.0	62.6	64.6	67.1	68.2	68.5	69.2	69.4	69.6	69.7	69.7	69.7
GE 5000	40.6	42.0	50.4	52.6	60.9	63.8	65.8	68.5	69.6	69.9	70.6	70.8	70.9	71.1	71.1	71.1
GE 4500	41.4	43.0	51.3	53.5	61.8	64.8	66.8	69.4	70.5	71.3	72.0	72.2	72.3	72.5	72.5	72.5
GE 4000	44.7	46.2	54.9	57.2	65.5	68.5	70.5	73.9	75.0	75.9	76.7	76.8	77.0	77.1	77.1	77.1
GE 3500	46.5	48.1	56.7	59.0	67.5	70.5	72.5	75.9	77.0	77.9	78.7	78.8	79.0	79.1	79.1	79.1
GE 3000	49.9	51.6	62.3	64.6	73.4	76.4	78.4	81.9	83.0	83.9	84.7	84.9	85.0	85.2	85.2	85.2
GE 2500	50.4	52.1	62.9	65.2	74.3	77.3	79.3	82.8	83.9	84.9	85.6	85.8	85.9	86.1	86.1	86.1
GE 2000	52.1	53.8	65.1	67.5	77.4	80.4	82.4	86.2	87.3	88.3	89.0	89.2	89.3	89.5	89.5	89.5
GE 1800	52.2	53.9	65.4	67.9	77.9	81.0	83.0	86.9	87.9	88.9	89.6	89.8	89.8	90.0	90.1	90.1
GE 1500	52.6	54.3	65.7	68.2	78.8	82.1	84.2	88.3	89.3	90.3	91.0	91.2	91.3	91.5	91.5	91.5
GE 1200	53.2	54.9	66.5	68.9	79.9	83.2	85.8	90.1	91.3	92.7	93.5	93.7	93.8	94.0	94.0	94.0
GE 1000	53.2	54.9	66.5	68.9	79.9	83.5	86.1	91.0	92.3	93.7	94.4	94.6	94.7	94.9	94.9	94.9
GE 900	53.2	54.9	66.5	68.9	79.9	83.8	86.4	91.5	92.7	94.1	94.9	95.1	95.2	95.4	95.4	95.4
GE 800	53.2	54.9	66.5	68.9	80.1	83.9	86.6	91.8	93.0	94.4	95.2	95.4	95.5	95.7	95.7	95.7
GE 700	53.2	54.9	66.5	68.9	80.1	84.1	86.7	92.1	93.4	94.7	95.5	95.7	95.8	96.0	96.0	96.0
GE 600	53.2	54.9	66.5	68.9	80.1	84.1	86.7	92.3	93.7	95.1	95.8	96.0	96.1	96.3	96.3	96.3
GE 500	53.2	54.9	66.5	68.9	80.1	84.1	86.7	92.7	94.3	95.7	96.4	96.6	96.8	96.9	96.9	96.9
GE 400	53.2	54.9	66.5	68.9	80.1	84.2	87.2	93.7	95.4	97.2	98.0	98.1	98.3	98.5	98.5	98.9
GE 300	53.2	54.9	66.5	68.9	80.1	84.2	87.2	93.7	95.4	97.4	98.3	98.5	98.6	98.8	98.8	99.4
GE 200	53.2	54.9	66.5	68.9	80.1	84.2	87.2	93.7	95.4	97.4	98.3	98.5	98.6	98.8	98.8	99.5
GE 100	53.2	54.9	66.5	68.9	80.1	84.2	87.2	93.7	95.4	97.4	98.3	98.5	99.1	99.2	99.2	100.0
GE 000	53.2	54.9	66.5	68.9	80.1	84.2	87.2	93.7	95.4	97.4	98.3	98.5	99.1	99.2	99.2	100.0

TOTAL NUMBER OF OBSERVATIONS 647

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AFB/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	24.7	26.1	33.9	35.1	41.0	43.6	44.8	47.2	48.4	49.4	50.6	51.0	51.0	51.0	51.4	52.4
GE 20000	26.7	28.1	36.9	38.6	44.6	47.6	49.2	52.2	53.6	54.6	55.8	56.2	56.2	56.2	56.6	57.6
GE 18000	26.7	28.1	36.9	38.6	44.6	47.6	49.2	52.2	53.6	54.6	55.8	56.2	56.2	56.2	56.6	57.6
GE 16000	26.7	28.1	36.9	38.6	44.6	47.6	49.2	52.2	53.6	54.6	55.8	56.2	56.2	56.2	56.6	57.6
GE 14000	27.1	28.5	37.3	39.0	45.0	48.0	49.6	53.0	54.4	55.4	56.6	57.0	57.0	57.0	57.4	58.4
GE 12000	27.7	29.1	38.0	39.6	45.6	48.6	50.2	53.6	55.0	56.0	57.2	57.6	57.6	57.6	58.0	59.0
GE 10000	28.5	29.9	39.4	41.0	47.4	50.4	52.0	55.4	56.8	57.8	59.0	59.4	59.4	59.4	59.8	60.8
GE 9000	28.7	30.3	39.8	41.4	47.8	51.2	52.8	56.2	57.6	58.6	59.8	60.4	60.4	60.4	60.8	61.8
GE 8000	32.5	34.1	44.6	46.2	52.8	56.2	57.8	61.2	62.7	63.7	64.9	65.5	65.5	65.5	65.9	66.9
GE 7000	33.3	34.9	45.4	47.0	53.6	57.0	58.6	62.0	63.5	64.5	65.7	66.3	66.3	66.3	66.7	67.7
GE 6000	33.3	34.9	45.4	47.0	53.6	57.0	58.6	62.0	63.5	64.5	65.7	66.3	66.3	66.3	66.7	67.7
GE 5000	35.7	37.3	47.8	49.6	56.2	59.6	61.2	64.7	66.1	67.1	68.3	68.9	68.9	68.9	69.3	70.3
GE 4500	36.1	37.8	48.2	50.2	56.8	60.2	61.8	65.3	66.7	67.7	69.3	69.9	69.9	69.9	70.3	71.3
GE 4000	37.3	39.2	49.8	52.0	58.8	62.2	63.9	67.3	68.9	70.1	71.7	72.3	72.3	72.3	72.9	74.1
GE 3500	39.4	41.4	52.0	54.2	61.0	64.5	66.1	69.5	71.1	72.3	73.9	74.5	74.5	74.5	75.1	76.3
GE 3000	44.6	47.0	59.4	61.6	69.3	72.9	74.7	78.5	80.1	81.3	83.1	83.7	83.7	83.7	84.3	85.5
GE 2500	45.0	47.4	60.0	62.2	69.9	73.5	75.3	79.3	80.9	82.1	83.9	84.5	84.5	84.5	85.1	86.3
GE 2000	47.2	49.8	63.1	65.3	73.5	77.1	78.9	83.3	84.9	86.1	88.0	88.6	88.6	88.6	89.2	90.4
GE 1800	47.2	49.8	63.1	65.3	73.5	77.1	78.9	83.3	84.9	86.1	88.0	88.6	88.6	88.6	89.2	90.4
GE 1500	47.2	49.8	63.5	65.7	74.5	78.1	79.9	84.7	86.3	87.6	89.4	90.0	90.0	90.0	90.6	91.8
GE 1200	47.2	49.8	63.7	65.9	74.9	78.5	80.3	85.3	86.9	88.6	90.4	91.0	91.0	91.0	91.6	92.8
GE 1000	47.2	49.8	63.7	66.1	75.5	79.5	81.3	86.3	88.0	89.6	91.4	92.2	92.2	92.2	92.8	94.0
GE 900	47.2	49.8	63.7	66.1	75.5	79.5	81.3	86.3	88.0	89.6	91.4	92.2	92.2	92.2	92.8	94.0
GE 800	47.2	49.8	63.7	66.1	75.5	79.5	81.3	86.3	88.0	89.6	91.4	92.2	92.2	92.2	92.8	94.0
GE 700	47.2	49.8	63.7	66.1	75.5	79.5	81.3	86.3	88.0	89.6	91.4	92.2	92.2	92.2	92.8	94.0
GE 600	47.2	49.8	63.7	66.1	75.5	79.5	81.9	86.9	88.6	90.2	92.0	92.8	92.8	92.8	93.4	94.8
GE 500	47.2	49.8	63.7	66.1	75.5	79.5	82.1	87.1	88.8	90.4	92.6	93.4	93.4	93.4	94.0	95.4
GE 400	47.2	49.8	63.7	66.1	75.5	80.1	82.7	88.8	90.4	92.2	94.4	95.2	95.2	95.2	95.8	97.6
GE 300	47.2	49.8	63.7	66.1	75.5	80.1	82.7	88.8	90.4	92.6	95.0	95.8	95.8	96.0	96.6	98.8
GE 200	47.2	49.8	63.7	66.1	75.5	80.1	82.7	88.8	90.4	92.6	95.0	95.8	96.0	96.2	96.8	99.4
GE 100	47.2	49.8	63.7	66.1	75.5	80.1	82.7	88.8	90.4	92.6	95.0	95.8	96.2	96.6	97.2	99.8
GE 000	47.2	49.8	63.7	66.1	75.5	80.1	82.7	88.8	90.4	92.6	95.0	95.8	96.2	96.6	97.2	100.0

TOTAL NUMBER OF OBSERVATIONS 498

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	20.3	21.3	28.0	30.4	36.7	38.7	39.8	41.9	42.9	43.5	44.1	44.5	44.8	45.2	45.6	47.1
GE 20000	22.8	23.9	31.1	33.7	40.4	42.4	43.7	46.0	47.1	47.7	48.2	48.6	49.0	49.4	49.8	51.3
GE 18000	22.8	23.9	31.2	33.8	40.5	42.5	43.7	46.1	47.1	47.7	48.3	48.7	49.0	49.4	49.8	51.3
GE 16000	22.8	23.9	31.2	33.8	40.5	42.5	43.8	46.1	47.1	47.7	48.3	48.7	49.0	49.4	49.9	51.3
GE 14000	22.9	24.0	31.3	33.9	40.7	42.7	44.0	46.3	47.4	48.0	48.5	49.0	49.3	49.7	50.1	51.6
GE 12000	23.1	24.2	31.6	34.2	41.0	43.1	44.3	46.7	47.7	48.4	48.9	49.3	49.6	50.1	50.5	52.0
GE 10000	24.3	25.5	33.1	36.0	43.0	45.2	46.5	48.9	49.9	50.5	51.1	51.5	51.8	52.3	52.7	54.2
GE 9000	25.0	26.2	34.0	36.8	44.0	46.2	47.6	50.1	51.1	51.7	52.3	52.8	53.1	53.5	53.9	55.4
GE 8000	27.7	28.9	37.3	40.3	47.6	49.9	51.6	54.1	55.2	55.8	56.4	56.8	57.1	57.6	58.0	59.5
GE 7000	28.6	29.8	38.3	41.4	48.9	51.2	52.9	55.5	56.6	57.2	57.8	58.2	58.5	59.0	59.4	60.9
GE 6000	28.6	29.8	38.3	41.4	48.9	51.3	53.0	55.5	56.6	57.2	57.8	58.3	58.6	59.0	59.5	61.0
GE 5000	30.0	31.3	40.0	43.3	50.9	53.4	55.1	57.7	58.8	59.5	60.1	60.6	60.9	61.3	61.8	63.3
GE 4500	30.6	31.9	40.7	44.0	51.7	54.1	55.8	58.5	59.6	60.3	61.0	61.4	61.8	62.2	62.7	64.2
GE 4000	32.8	34.2	43.4	47.0	55.2	57.7	59.5	62.3	63.5	64.3	65.1	65.5	65.9	66.3	66.8	68.3
GE 3500	35.1	36.6	46.1	49.9	58.2	60.8	62.7	65.6	66.8	67.6	68.3	68.8	69.1	69.5	70.0	71.5
GE 3000	38.9	40.7	51.3	55.3	64.4	67.0	69.0	72.1	73.5	74.3	75.1	75.6	76.0	76.4	76.9	78.4
GE 2500	39.6	41.4	52.3	56.3	65.7	68.3	70.4	73.6	75.0	75.9	76.7	77.2	77.6	78.1	78.5	80.1
GE 2000	41.0	43.0	54.3	58.4	68.3	71.3	73.5	77.0	78.5	79.4	80.2	80.7	81.1	81.6	82.0	83.6
GE 1800	41.1	43.1	54.4	58.6	68.5	71.6	73.7	77.3	78.8	79.7	80.5	81.0	81.4	81.9	82.3	83.9
GE 1500	41.8	43.9	55.6	59.9	70.3	73.4	75.6	79.3	80.8	81.7	82.5	83.0	83.4	83.9	84.3	85.9
GE 1200	42.5	44.6	56.4	60.8	71.6	74.8	77.3	81.3	82.9	83.9	84.7	85.3	85.6	86.1	86.6	88.1
GE 1000	42.8	45.0	56.8	61.4	72.4	75.9	78.7	82.9	84.6	85.8	86.6	87.1	87.5	88.0	88.5	90.0
GE 900	42.9	45.0	56.9	61.5	72.5	76.1	78.9	83.2	84.9	86.0	86.9	87.4	87.8	88.3	88.7	90.3
GE 800	42.9	45.0	56.9	61.6	72.6	76.3	79.1	83.7	85.4	86.6	87.4	88.0	88.4	88.8	89.3	90.8
GE 700	42.9	45.0	57.0	61.7	72.8	76.5	79.4	84.1	85.8	87.0	87.9	88.5	88.9	89.4	89.8	91.5
GE 600	42.9	45.0	57.1	61.7	72.9	76.8	79.9	84.9	86.8	88.0	88.9	89.6	90.0	90.5	91.1	92.8
GE 500	42.9	45.1	57.1	61.8	73.2	77.2	80.8	86.3	88.3	89.8	91.0	91.7	92.2	92.8	93.4	95.1
GE 400	42.9	45.1	57.1	61.8	73.3	77.4	81.1	86.9	89.0	90.6	91.9	92.8	93.3	93.8	94.5	96.5
GE 300	42.9	45.1	57.1	61.8	73.3	77.4	81.1	86.9	89.1	90.9	92.2	93.1	93.6	94.3	95.2	98.0
GE 200	42.9	45.1	57.1	61.8	73.3	77.4	81.1	87.0	89.1	90.9	92.2	93.2	93.8	94.5	95.6	99.0
GE 100	42.9	45.1	57.1	61.8	73.3	77.4	81.1	87.0	89.1	90.9	92.3	93.3	94.0	94.8	96.0	99.9
GE 000	42.9	45.1	57.1	61.8	73.3	77.4	81.1	87.0	89.1	90.9	92.3	93.3	94.0	94.8	96.0	100.0

TOTAL NUMBER OF OBSERVATIONS 4373

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	17.9	20.0	21.5	24.1	30.8	34.9	34.9	38.5	38.5	38.5	39.0	39.5	40.0	40.0	41.0	43.6
GE 20000	19.5	21.5	23.1	25.6	32.8	36.9	36.9	40.5	40.5	40.5	41.0	41.5	42.1	42.1	43.1	45.6
GE 18000	19.5	21.5	23.1	25.6	32.8	36.9	36.9	40.5	40.5	40.5	41.0	41.5	42.1	42.1	43.1	45.6
GE 16000	19.5	21.5	23.1	25.6	32.8	36.9	36.9	40.5	40.5	40.5	41.0	41.5	42.1	42.1	43.1	45.6
GE 14000	19.5	21.5	23.1	25.6	32.8	36.9	36.9	40.5	40.5	40.5	41.0	41.5	42.1	42.1	43.1	45.6
GE 12000	19.5	21.5	23.1	25.6	32.8	36.9	36.9	40.5	40.5	40.5	41.0	41.5	42.1	42.1	43.1	45.6
GE 10000	19.5	21.5	23.1	25.6	32.8	36.9	36.9	40.5	40.5	40.5	41.0	41.5	42.1	42.1	43.1	45.6
GE 9000	21.0	23.1	24.6	27.2	34.4	38.5	38.5	42.1	42.1	42.1	42.6	43.1	43.6	43.6	44.6	47.2
GE 8000	24.6	26.7	28.2	30.8	38.5	42.6	42.6	46.2	46.2	46.2	46.7	47.2	47.7	47.7	48.7	51.3
GE 7000	25.1	27.2	30.3	32.8	40.5	44.6	44.6	48.2	48.2	48.2	48.7	49.2	49.7	49.7	50.8	53.3
GE 6000	25.1	27.2	30.3	32.8	40.5	44.6	44.6	48.2	48.2	48.2	48.7	49.2	49.7	49.7	50.8	53.3
GE 5000	25.1	27.2	30.3	32.8	40.5	44.6	44.6	48.2	48.2	48.2	48.7	49.2	49.7	49.7	50.8	53.3
GE 4500	25.1	27.2	30.3	32.8	40.5	44.6	44.6	48.2	48.2	48.2	48.7	49.2	49.7	49.7	50.8	53.3
GE 4000	27.7	30.3	33.3	35.9	44.6	48.7	48.7	52.3	52.3	52.3	52.8	53.3	53.8	53.8	54.9	57.4
GE 3500	27.7	30.3	33.8	37.4	46.2	50.3	50.3	53.8	53.8	53.8	54.4	54.9	55.4	55.4	56.4	59.0
GE 3000	34.9	37.4	42.6	47.7	56.9	61.5	61.5	65.1	65.1	65.1	65.6	66.2	66.7	66.7	67.7	70.3
GE 2500	35.4	37.9	43.1	48.2	57.4	62.1	62.1	65.6	65.6	65.6	66.2	66.7	67.2	67.2	68.2	70.8
GE 2000	36.4	39.0	44.6	49.7	60.0	64.6	65.1	68.7	68.7	68.7	69.2	69.7	70.3	70.3	71.3	73.8
GE 1800	36.4	39.0	44.6	49.7	60.0	64.6	65.1	68.7	68.7	68.7	69.2	69.7	70.3	70.3	71.3	73.8
GE 1500	36.9	39.5	45.6	50.8	61.5	66.2	66.7	70.3	70.3	70.3	70.8	71.3	71.8	71.8	72.8	75.4
GE 1200	38.5	41.0	47.7	52.8	64.1	68.7	69.2	72.8	72.8	72.8	73.3	73.8	74.4	74.4	75.4	77.9
GE 1000	38.5	41.0	48.2	53.3	65.1	69.7	70.3	73.8	73.8	73.8	74.4	74.9	75.4	75.4	76.4	79.0
GE 900	38.5	41.0	48.7	53.8	66.2	70.8	71.3	74.9	74.9	74.9	75.4	75.9	76.4	76.4	77.4	80.0
GE 800	38.5	41.0	48.7	53.8	67.2	71.8	72.3	75.9	75.9	75.9	76.4	76.9	77.4	77.4	78.5	81.0
GE 700	38.5	41.0	48.7	53.8	67.2	71.8	72.3	75.9	75.9	75.9	76.4	76.9	77.4	77.4	78.5	81.0
GE 600	38.5	41.0	48.7	53.8	67.2	72.3	72.8	77.4	77.4	77.4	77.9	78.5	79.0	79.0	80.0	82.6
GE 500	38.5	41.0	48.7	54.4	67.7	72.8	73.3	81.0	81.0	81.0	82.1	82.6	83.1	83.1	84.1	86.7
GE 400	38.5	41.0	48.7	54.4	67.7	73.3	73.8	82.1	82.1	82.1	83.1	83.6	84.1	84.1	85.1	88.2
GE 300	38.5	41.0	48.7	54.4	67.7	74.4	75.4	83.6	83.6	83.6	84.6	85.1	85.6	85.6	86.7	90.3
GE 200	38.5	41.0	48.7	54.4	67.7	74.4	75.4	83.6	83.6	83.6	84.6	85.1	85.6	86.2	87.2	94.9
GE 100	38.5	41.0	48.7	54.4	67.7	74.4	75.4	83.6	83.6	83.6	84.6	85.1	85.6	86.2	87.2	99.5
GE 000	38.5	41.0	48.7	54.4	67.7	74.4	75.4	83.6	83.6	83.6	84.6	85.1	85.6	86.2	87.2	100.0

TOTAL NUMBER OF OBSERVATIONS 195

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	11.1	12.9	16.9	18.6	23.1	26.3	27.7	32.0	32.3	33.1	34.0	34.9	35.4	35.7	37.4	38.9
GE 20000	11.7	13.4	17.7	19.4	24.3	27.4	29.1	33.4	33.7	34.6	35.4	36.3	36.9	37.1	38.9	40.3
GE 18000	11.7	13.4	17.7	19.4	24.3	27.4	29.1	33.4	33.7	34.6	35.4	36.3	36.9	37.1	38.9	40.3
GE 16000	11.7	13.4	17.7	19.4	24.3	27.4	29.1	33.4	33.7	34.6	35.4	36.3	36.9	37.1	38.9	40.3
GE 14000	11.7	13.4	17.7	19.4	24.3	27.4	29.1	33.4	33.7	34.6	35.4	36.3	36.9	37.1	38.9	40.3
GE 12000	12.3	14.0	18.3	20.0	24.9	28.0	29.7	34.0	34.3	35.1	36.0	36.9	37.4	37.7	39.4	40.9
GE 10000	12.9	14.6	18.9	20.6	25.4	28.6	30.3	34.6	34.9	35.7	36.6	37.4	38.0	38.3	40.0	41.4
GE 9000	12.9	14.6	18.9	20.9	25.7	28.9	30.6	34.9	35.1	36.0	36.9	37.7	38.3	38.6	40.3	41.7
GE 8000	13.4	15.4	20.0	22.0	26.9	30.0	31.7	36.0	36.3	37.1	38.0	38.9	39.4	39.7	41.4	42.9
GE 7000	13.4	15.4	20.6	22.9	27.7	30.9	32.9	37.4	37.7	38.6	39.4	40.3	40.9	41.1	42.9	44.3
GE 6000	13.4	15.4	20.6	22.9	27.7	30.9	32.9	37.4	37.7	38.6	39.4	40.3	40.9	41.1	42.9	44.3
GE 5000	14.0	16.3	21.4	23.7	28.9	32.6	34.6	39.1	39.4	40.3	41.1	42.0	42.6	42.9	44.6	46.0
GE 4500	14.3	16.6	22.0	24.3	29.4	33.4	35.4	40.0	40.3	41.1	42.0	42.9	43.4	43.7	45.4	46.9
GE 4000	16.0	19.4	25.4	27.7	33.7	37.7	40.3	44.9	45.1	46.0	46.9	47.7	48.3	48.6	50.3	51.7
GE 3500	16.3	19.7	26.0	28.3	34.3	38.3	40.9	45.4	46.0	46.9	47.7	48.6	49.1	49.4	51.1	52.6
GE 3000	20.9	24.6	31.7	34.3	42.0	46.3	48.9	53.7	54.3	55.1	56.0	56.9	57.4	57.7	59.4	60.9
GE 2500	20.9	24.6	32.0	34.6	43.1	47.4	50.0	54.9	55.4	56.3	57.1	58.0	58.6	58.9	60.6	62.0
GE 2000	21.7	25.4	33.4	36.0	44.9	49.7	52.9	58.0	58.6	59.7	60.6	61.4	62.0	62.3	64.0	65.4
GE 1800	22.0	25.7	33.7	36.3	45.1	50.0	53.1	58.3	58.9	60.0	60.9	61.7	62.3	62.6	64.3	65.7
GE 1500	24.0	27.7	36.6	39.4	50.0	55.1	58.3	63.4	64.0	65.1	66.0	66.9	67.4	67.7	69.4	70.9
GE 1200	25.7	29.4	39.4	42.3	53.1	58.6	61.7	67.1	67.7	68.9	69.7	70.6	71.1	71.4	73.1	74.6
GE 1000	26.0	29.7	40.6	43.4	55.7	61.1	64.3	70.6	71.1	72.3	73.4	74.3	74.9	75.1	76.9	78.3
GE 900	26.0	29.7	40.6	43.4	56.0	61.4	64.6	70.9	71.4	72.6	73.7	74.6	75.1	75.4	77.1	78.6
GE 800	26.0	29.7	40.6	43.4	56.3	61.7	65.1	71.4	72.0	73.1	74.3	75.4	76.0	76.3	78.0	79.4
GE 700	26.0	29.7	40.6	43.4	57.1	62.6	66.0	72.6	73.4	74.6	75.7	76.9	77.4	77.7	79.4	80.9
GE 600	26.3	30.0	40.9	43.7	57.4	62.9	66.3	73.7	74.6	75.7	77.4	78.6	79.1	79.7	81.4	82.9
GE 500	26.9	30.6	41.4	44.3	58.3	63.7	67.1	76.3	77.7	79.1	80.9	82.0	82.6	83.1	84.9	86.3
GE 400	26.9	30.6	41.4	44.3	58.9	64.3	67.7	77.1	78.6	80.0	81.7	82.9	83.4	84.6	86.3	87.7
GE 300	26.9	30.6	41.4	44.3	58.9	64.3	68.0	78.3	80.0	81.4	83.1	84.6	85.4	86.6	88.6	90.3
GE 200	26.9	30.6	41.4	44.3	58.9	64.3	68.0	78.3	80.0	81.7	83.7	85.1	86.0	87.4	89.4	96.6
GE 100	26.9	30.6	41.4	44.3	58.9	64.3	68.0	78.3	80.0	81.7	83.7	85.1	86.0	87.4	89.4	100.0
GE 000	26.9	30.6	41.4	44.3	58.9	64.3	68.0	78.3	80.0	81.7	83.7	85.1	86.0	87.4	89.4	100.0

TOTAL NUMBER OF OBSERVATIONS 350

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV 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	7.7	8.4	10.9	12.1	15.2	17.7	20.9	23.1	23.2	24.1	24.9	25.4	25.9	27.1	27.8	30.6
GE 20000	8.1	8.9	11.4	12.6	15.8	18.7	22.1	24.2	24.4	25.3	26.1	26.6	27.1	28.3	29.1	32.2
GE 18000	8.1	8.9	11.4	12.6	15.8	18.7	22.1	24.2	24.4	25.3	26.1	26.6	27.1	28.3	29.1	32.2
GE 16000	8.1	8.9	11.4	12.6	15.8	18.7	22.1	24.2	24.4	25.3	26.1	26.6	27.1	28.3	29.1	32.2
GE 14000	8.2	9.3	12.0	13.1	16.3	19.2	22.7	24.9	25.1	25.9	26.8	27.3	27.8	29.0	29.8	32.8
GE 12000	8.2	9.3	12.0	13.1	16.3	19.2	23.2	25.4	25.6	26.4	27.3	27.8	28.3	29.5	30.3	33.3
GE 10000	8.9	9.9	12.6	13.8	17.0	19.9	23.9	26.1	26.3	27.1	27.9	28.5	29.0	30.1	31.0	34.0
GE 9000	9.1	10.1	12.8	14.0	17.7	20.5	24.6	26.8	26.9	27.8	28.6	29.3	29.8	31.0	31.8	34.8
GE 8000	10.4	11.6	14.5	15.8	19.9	23.1	27.3	29.5	30.0	30.8	31.6	32.5	33.0	34.2	35.0	38.0
GE 7000	10.9	12.1	15.0	16.5	20.7	24.1	28.3	30.5	31.0	32.5	33.3	34.2	34.7	35.9	36.7	39.7
GE 6000	11.1	12.5	15.5	17.0	21.2	24.7	29.0	31.1	31.6	33.2	34.0	34.8	35.4	36.5	37.4	40.4
GE 5000	11.1	12.5	16.2	17.7	22.4	26.3	30.5	32.7	33.2	34.7	35.5	36.4	36.9	38.0	38.9	41.9
GE 4500	12.0	13.3	17.2	18.9	23.7	27.9	32.2	34.3	34.8	36.4	37.2	38.0	38.6	39.7	40.6	43.6
GE 4000	13.8	15.5	20.5	22.2	27.6	31.8	36.2	38.6	39.1	40.6	41.8	42.6	43.1	44.3	45.1	48.1
GE 3500	14.0	15.7	20.7	22.4	27.9	32.3	37.2	39.6	40.2	41.9	43.1	43.9	44.6	45.8	46.6	49.7
GE 3000	17.3	19.0	24.7	27.6	33.5	37.9	42.8	45.1	45.8	47.6	48.8	49.7	50.3	51.5	52.4	55.4
GE 2500	17.8	19.5	25.6	28.6	35.2	39.6	44.6	47.3	48.0	49.8	51.0	51.9	52.5	53.7	54.5	57.6
GE 2000	20.2	21.9	28.5	31.6	38.7	43.1	48.7	51.5	52.2	54.0	55.2	56.1	56.7	57.9	58.8	61.8
GE 1800	20.2	21.9	28.6	31.8	38.9	43.3	48.8	51.7	52.4	54.2	55.4	56.2	56.9	58.1	58.9	62.0
GE 1500	21.7	23.7	30.6	34.0	41.4	45.8	51.3	54.2	55.1	56.9	58.1	58.9	59.6	60.8	61.6	64.6
GE 1200	22.7	24.7	33.3	36.9	44.9	49.3	55.1	58.6	59.4	61.3	62.5	63.3	64.0	65.2	66.0	69.0
GE 1000	23.1	25.1	33.8	37.5	47.0	51.3	57.1	60.8	61.6	63.6	64.8	65.7	66.3	67.5	68.4	71.4
GE 900	23.1	25.1	33.8	37.5	47.5	51.9	57.9	61.6	62.5	64.5	65.7	66.5	67.2	68.4	69.2	72.2
GE 800	23.1	25.1	34.2	37.9	48.7	53.5	59.6	63.3	64.1	66.2	67.3	68.4	69.0	70.4	71.4	74.4
GE 700	23.1	25.1	34.5	38.4	49.8	54.9	61.3	65.3	66.2	68.2	69.4	70.5	71.2	72.7	73.7	76.8
GE 600	23.1	25.1	34.5	38.4	50.0	55.2	61.8	66.0	66.8	68.9	70.7	72.1	72.9	74.6	75.8	78.8
GE 500	23.1	25.1	34.8	38.7	50.7	56.1	62.6	68.4	69.7	71.9	73.9	75.3	76.1	77.9	79.1	82.2
GE 400	23.1	25.1	34.8	38.7	50.8	56.2	62.8	69.0	70.5	72.7	75.3	76.8	77.6	79.5	80.6	83.7
GE 300	23.1	25.1	34.8	38.7	50.8	56.4	63.5	70.4	72.2	74.7	77.9	80.0	81.6	84.0	85.9	90.4
GE 200	23.1	25.1	34.8	38.7	50.8	56.4	63.5	70.5	72.4	75.3	78.5	80.8	82.5	85.0	87.4	96.6
GE 100	23.1	25.1	34.8	38.7	51.0	56.6	63.6	70.7	72.6	75.4	78.6	81.0	82.8	85.5	88.0	100.0
GE 000	23.1	25.1	34.8	38.7	51.0	56.6	63.6	70.7	72.6	75.4	78.6	81.0	82.8	85.5	88.0	100.0

TOTAL NUMBER OF OBSERVATIONS 594

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	10.1	10.4	13.9	15.4	18.4	21.4	23.8	24.8	25.8	26.3	27.1	27.1	27.3	27.6	28.0	29.1
GE 20000	10.7	11.2	15.2	16.9	20.3	23.5	26.0	27.0	28.0	28.5	29.3	29.3	29.5	29.8	30.2	31.7
GE 18000	10.9	11.4	15.4	17.1	20.4	23.6	26.1	27.1	28.1	28.6	29.5	29.5	29.6	30.0	30.3	31.8
GE 16000	10.9	11.4	15.4	17.1	20.4	23.6	26.1	27.1	28.1	28.6	29.5	29.5	29.6	30.0	30.3	31.8
GE 14000	10.9	11.4	15.4	17.1	20.4	23.6	26.1	27.1	28.1	28.6	29.5	29.5	29.6	30.0	30.3	31.8
GE 12000	10.9	11.4	15.6	17.3	20.6	23.8	26.5	27.5	28.5	29.0	29.8	29.8	30.0	30.3	30.7	32.2
GE 10000	11.9	12.4	16.6	18.3	21.6	25.1	27.8	28.8	29.8	30.3	31.2	31.2	31.3	31.7	32.0	33.5
GE 9000	12.2	12.7	17.4	19.1	22.8	26.3	29.0	30.0	31.0	31.5	32.3	32.3	32.5	32.8	33.2	34.7
GE 8000	14.2	14.9	20.3	22.3	27.1	31.0	33.8	34.8	36.2	36.7	37.5	37.5	37.7	38.0	38.4	39.9
GE 7000	15.1	15.7	21.1	23.5	28.5	32.5	35.5	36.9	38.2	38.7	39.5	39.5	39.7	40.0	40.4	41.9
GE 6000	15.1	15.7	21.1	23.5	28.5	32.5	35.5	36.9	38.2	38.7	39.5	39.5	39.7	40.0	40.4	41.9
GE 5000	16.1	16.8	22.3	24.6	30.2	34.3	37.7	39.2	40.5	41.0	41.9	41.9	42.0	42.4	42.7	44.2
GE 4500	16.8	17.4	23.3	25.6	31.2	35.3	38.7	40.2	41.5	42.0	42.9	42.9	43.0	43.4	43.7	45.2
GE 4000	17.4	18.1	24.3	26.6	32.7	37.0	40.5	42.4	43.9	44.6	45.4	45.4	45.6	45.9	46.2	47.7
GE 3500	18.8	19.4	26.1	28.6	34.8	39.2	42.9	45.2	46.7	47.4	48.2	48.2	48.4	48.7	49.1	50.6
GE 3000	21.6	22.3	30.3	33.0	39.7	44.4	48.1	50.6	52.1	53.3	54.3	54.3	54.4	54.8	55.1	56.6
GE 2500	21.8	22.6	31.0	33.7	40.7	45.9	49.9	52.6	54.1	55.3	56.3	56.3	56.4	56.8	57.1	58.6
GE 2000	25.0	25.8	34.7	37.4	44.7	49.9	53.9	56.6	58.1	59.3	60.3	60.3	60.5	61.0	61.3	62.8
GE 1800	25.0	25.8	34.7	37.4	44.9	50.1	54.1	56.8	58.3	59.5	60.5	60.5	60.6	61.1	61.5	63.0
GE 1500	26.0	27.0	36.2	39.5	47.2	52.4	56.4	59.3	61.0	62.1	63.1	63.1	63.3	63.8	64.2	65.7
GE 1200	27.0	28.1	37.7	41.5	49.7	55.3	59.8	62.8	64.5	65.8	66.8	66.8	67.0	67.5	67.8	69.3
GE 1000	27.3	28.6	38.2	42.2	50.8	56.4	61.5	64.7	66.3	67.7	68.7	68.7	68.8	69.3	69.7	71.2
GE 900	27.3	28.6	38.2	42.2	50.9	57.1	62.1	65.3	67.0	68.3	69.3	69.3	69.5	70.0	70.4	71.9
GE 800	27.8	29.1	38.9	42.9	51.9	58.1	63.1	66.5	68.2	69.5	70.5	70.5	70.7	71.5	71.9	73.4
GE 700	28.0	29.3	39.2	43.2	53.1	59.6	64.7	68.0	69.7	71.0	72.0	72.0	72.2	73.0	73.4	74.9
GE 600	28.1	29.5	39.4	43.4	53.9	61.1	66.5	70.2	71.9	73.4	74.7	74.7	75.0	75.9	76.2	77.7
GE 500	28.1	29.5	39.4	43.4	54.1	62.1	67.8	73.5	75.9	78.2	79.7	79.7	80.2	81.1	81.4	82.9
GE 400	28.1	29.5	39.4	43.4	54.1	62.1	67.8	73.7	76.7	79.6	81.9	82.4	83.2	84.3	84.8	86.3
GE 300	28.1	29.5	39.4	43.4	54.1	62.1	67.8	73.9	77.2	80.4	84.1	85.1	86.9	88.4	89.6	92.3
GE 200	28.1	29.5	39.4	43.4	54.1	62.1	67.8	73.9	77.2	80.7	84.6	85.8	87.8	89.6	91.3	97.2
GE 100	28.1	29.5	39.4	43.4	54.1	62.1	67.8	73.9	77.2	80.7	84.5	85.9	87.9	89.8	92.1	100.0
GE 000	28.1	29.5	39.4	43.4	54.1	62.1	67.8	73.9	77.2	80.7	84.6	85.9	87.9	89.8	92.1	100.0

TOTAL NUMBER OF OBSERVATIONS 597

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	13.4	13.9	19.4	20.7	24.8	26.3	27.2	28.2	28.9	28.9	29.2	29.2	29.2	29.5	29.7	30.0
GE 20000	14.5	15.0	21.7	23.0	27.4	28.9	29.9	30.8	31.5	31.6	32.0	32.0	32.0	32.3	32.5	32.8
GE 18000	14.5	15.0	21.7	23.0	27.4	28.9	29.9	30.8	31.5	31.6	32.0	32.0	32.0	32.3	32.5	32.8
GE 16000	14.5	15.0	21.7	23.0	27.4	28.9	29.9	30.8	31.5	31.6	32.0	32.0	32.0	32.3	32.5	32.8
GE 14000	14.5	15.0	21.7	23.0	27.4	28.9	29.9	30.8	31.5	31.6	32.0	32.0	32.0	32.3	32.5	32.8
GE 12000	14.5	15.0	21.7	23.0	27.4	28.9	29.9	30.8	31.5	31.6	32.0	32.0	32.0	32.3	32.5	32.8
GE 10000	15.7	16.2	23.0	24.3	28.9	30.5	31.5	32.5	33.1	33.3	33.6	33.6	33.6	33.9	34.1	34.4
GE 9000	16.2	16.6	23.7	25.0	29.7	31.5	32.5	33.4	34	34.3	34.6	34.6	34.6	34.9	35.1	35.4
GE 8000	19.1	19.6	28.2	29.5	34.9	36.7	37.7	38.7	39.3	39.5	39.8	39.8	39.8	40.1	40.3	40.6
GE 7000	19.9	20.4	29.2	30.5	36.9	39.2	40.1	41.1	41.8	41.9	42.3	42.3	42.3	42.6	42.7	43.1
GE 6000	20.1	20.6	29.7	31.0	37.4	39.6	40.6	41.6	42.3	42.4	42.7	42.7	42.7	43.1	43.2	43.6
GE 5000	21.2	21.7	30.8	32.1	38.5	41.1	42.1	43.1	43.7	43.9	44.2	44.2	44.2	44.5	44.7	45.0
GE 4500	21.9	22.3	31.6	33.0	39.3	41.9	42.9	43.9	44.5	44.7	45.0	45.0	45.0	45.4	45.5	45.8
GE 4000	23.7	24.3	33.8	35.1	42.1	44.9	46.0	47.1	47.8	48.0	48.3	48.3	48.3	48.6	48.8	49.1
GE 3500	25.0	25.6	35.7	37.0	44.0	47.1	48.3	49.6	50.2	50.4	50.7	50.7	50.7	51.1	51.2	51.5
GE 3000	30.0	31.2	42.4	43.9	51.4	54.5	55.6	57.9	58.6	58.7	59.2	59.2	59.2	59.5	59.7	60.0
GE 2500	31.0	32.1	43.9	45.7	53.3	56.8	57.9	60.2	60.8	61.0	61.5	61.5	61.5	61.8	62.0	62.3
GE 2000	33.4	34.9	46.8	48.8	56.6	60.0	61.2	63.6	64.4	64.6	65.1	65.1	65.1	65.4	65.6	65.9
GE 1800	33.6	35.1	47.1	49.4	57.3	60.7	61.8	64.3	65.1	65.3	65.7	65.7	65.7	66.1	66.2	66.6
GE 1500	34.9	36.5	50.2	52.5	61.0	64.4	65.6	68.2	69.0	69.2	69.7	69.7	69.7	70.0	70.1	70.5
GE 1200	36.5	38.2	52.5	55.5	65.1	68.2	70.1	72.9	73.9	74.1	74.6	74.6	74.6	74.9	75.0	75.4
GE 1000	37.2	38.8	53.2	56.3	67.4	71.6	73.4	76.5	77.7	77.8	78.3	78.3	78.3	78.6	78.8	79.1
GE 900	37.2	38.8	53.2	56.3	67.5	71.8	73.6	76.7	78.0	78.1	78.6	78.6	78.6	79.0	79.1	79.4
GE 800	37.5	39.3	53.7	56.8	68.2	72.6	74.9	78.3	79.6	79.8	80.3	80.3	80.3	80.6	80.8	81.1
GE 700	37.5	39.3	54.0	57.1	69.7	74.6	76.8	80.6	81.9	82.1	82.5	82.5	82.5	82.9	83.0	83.4
GE 600	37.5	39.3	54.2	57.3	70.5	76.0	78.6	82.7	84.0	84.3	84.8	84.8	84.8	85.2	85.3	85.6
GE 500	37.8	39.6	54.8	57.9	71.3	77.2	80.4	85.3	86.6	87.6	88.4	88.6	88.6	88.9	89.1	89.4
GE 400	37.8	39.6	54.8	58.1	71.5	77.7	81.2	87.1	89.2	90.7	91.8	92.3	92.3	92.7	93.0	93.3
GE 300	37.8	39.6	54.8	58.1	71.5	77.7	81.2	87.6	89.9	91.5	93.3	94.1	94.9	95.3	95.6	95.9
GE 200	37.8	39.6	54.8	58.1	71.5	77.7	81.2	87.8	90.2	92.0	94.0	95.3	96.9	97.2	98.2	99.5
GE 100	37.8	39.6	54.8	58.1	71.5	77.7	81.2	87.8	90.2	92.0	94.0	95.3	97.1	97.7	98.7	100.0
GE 000	37.8	39.6	54.8	58.1	71.5	77.7	81.2	87.8	90.2	92.0	94.0	95.3	97.1	97.7	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 613

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: NOV 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	14.1	14.7	19.6	20.0	24.7	26.4	26.5	27.0	27.0	27.2	27.2	27.2	27.2	27.2	27.2	27.7
GE 20000	16.5	17.5	23.7	24.1	29.0	30.9	31.1	31.8	31.8	31.9	31.9	31.9	31.9	31.9	31.9	32.4
GE 18000	16.9	17.8	24.1	24.4	29.3	31.3	31.4	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.7
GE 16000	16.9	17.8	24.1	24.4	29.3	31.3	31.4	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.7
GE 14000	16.9	17.8	24.1	24.4	29.3	31.3	31.4	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.7
GE 12000	16.9	17.8	24.1	24.4	29.3	31.3	31.4	32.1	32.1	32.2	32.2	32.2	32.2	32.2	32.2	32.7
GE 10000	18.0	19.1	25.4	25.7	30.6	32.7	32.9	33.6	33.6	33.7	33.7	33.7	33.7	33.7	33.7	34.2
GE 9000	18.2	19.3	25.7	26.0	30.9	33.1	33.2	33.9	33.9	34.0	34.0	34.0	34.0	34.0	34.0	34.5
GE 8000	21.3	22.4	30.1	30.9	36.5	38.6	38.8	39.4	39.4	39.6	39.6	39.6	39.6	39.6	39.6	40.1
GE 7000	22.6	23.7	32.2	33.1	38.6	40.9	41.2	41.9	41.9	42.1	42.1	42.1	42.1	42.1	42.1	42.6
GE 6000	22.7	23.9	32.4	33.2	38.8	41.1	41.4	42.1	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.7
GE 5000	24.2	25.4	33.9	34.7	40.6	42.9	43.4	44.2	44.2	44.4	44.4	44.4	44.4	44.4	44.4	44.8
GE 4500	24.5	25.7	34.2	35.2	41.1	43.7	44.2	45.0	45.0	45.2	45.2	45.2	45.2	45.2	45.2	45.7
GE 4000	28.6	30.0	38.8	40.1	46.0	48.8	49.6	50.4	50.4	50.6	50.6	50.6	50.6	50.6	50.6	51.1
GE 3500	30.1	31.4	40.8	42.1	48.0	50.9	51.7	52.5	52.5	52.7	52.9	52.9	52.9	52.9	52.9	53.4
GE 3000	35.4	37.0	46.8	48.9	56.6	59.9	61.0	62.2	62.2	62.7	63.2	63.2	63.2	63.2	63.2	63.7
GE 2500	36.7	38.8	48.9	51.7	59.9	63.3	64.5	65.6	65.6	66.1	66.6	66.6	66.6	66.6	66.6	67.1
GE 2000	38.3	40.4	51.1	53.8	62.5	66.3	67.6	68.7	68.9	69.4	70.2	70.4	70.4	70.4	70.4	71.0
GE 1800	38.5	40.6	51.6	54.3	63.0	66.8	68.2	69.4	69.6	70.0	70.9	71.0	71.0	71.0	71.0	71.7
GE 1500	39.0	41.1	52.9	55.6	64.6	68.7	70.2	71.4	71.5	72.0	72.8	73.0	73.0	73.0	73.0	73.6
GE 1200	40.1	42.2	54.8	57.8	67.6	72.3	74.0	75.3	75.8	76.3	77.1	77.3	77.3	77.3	77.3	77.9
GE 1000	40.6	42.7	56.1	59.2	70.2	75.1	76.9	78.2	78.7	79.2	80.0	80.2	80.4	80.4	80.4	81.0
GE 900	40.6	42.7	56.1	59.2	70.4	75.6	77.6	79.2	79.7	80.2	81.2	81.3	81.5	81.5	81.5	82.2
GE 800	40.8	42.9	56.3	59.4	71.0	76.4	78.4	80.2	80.7	81.2	82.2	82.3	82.7	82.7	82.7	83.3
GE 700	40.8	42.9	56.3	59.4	72.5	78.9	80.9	82.8	83.3	83.8	84.8	84.9	85.3	85.3	85.3	85.9
GE 600	40.8	42.9	56.3	59.4	72.7	79.1	82.0	84.1	84.6	85.1	86.1	86.3	86.6	86.6	86.6	87.2
GE 500	40.8	42.9	56.5	59.6	73.0	80.0	83.3	85.8	86.3	87.1	88.2	88.4	88.7	88.7	88.7	89.4
GE 400	40.8	42.9	56.5	59.6	73.2	81.0	85.8	89.0	90.3	91.2	92.8	93.1	93.5	93.5	93.5	94.3
GE 300	40.8	42.9	56.5	59.6	73.2	81.0	85.8	89.4	91.5	92.8	94.8	95.1	95.6	95.6	95.6	96.4
GE 200	40.8	42.9	56.5	59.6	73.2	81.0	85.8	89.4	91.5	93.3	95.4	95.7	96.9	97.1	97.5	100.0
GE 100	40.8	42.9	56.5	59.6	73.2	81.0	85.8	89.4	91.5	93.3	95.4	95.7	96.9	97.1	97.5	100.0
GE 000	40.8	42.9	56.5	59.6	73.2	81.0	85.8	89.4	91.5	93.3	95.4	95.7	96.9	97.1	97.5	100.0

TOTAL NUMBER OF OBSERVATIONS 611

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	16.5	17.3	21.3	21.8	25.8	28.7	29.1	30.2	30.4	30.5	31.3	31.5	31.5	31.5	31.6	31.8
GE 20000	18.7	19.5	24.5	25.1	29.5	33.1	33.5	34.5	34.7	34.9	35.6	35.8	35.8	35.8	36.0	36.2
GE 18000	18.7	19.5	24.5	25.1	29.5	33.1	33.5	34.5	34.7	34.9	35.6	35.8	35.8	35.8	36.0	36.2
GE 16000	18.7	19.5	24.5	25.1	29.5	33.1	33.5	34.5	34.7	34.9	35.6	35.8	35.8	35.8	36.0	36.2
GE 14000	18.7	19.5	24.9	25.5	29.8	33.5	33.8	34.9	35.1	35.3	36.0	36.2	36.2	36.2	36.4	36.5
GE 12000	19.1	19.8	25.5	26.0	30.4	34.0	34.4	35.5	35.6	35.8	36.5	36.7	36.7	36.7	36.9	37.1
GE 10000	19.5	20.2	26.0	26.5	31.1	34.7	35.1	36.2	36.4	36.5	37.3	37.5	37.5	37.5	37.6	37.8
GE 9000	19.5	20.2	26.0	26.5	31.1	34.7	35.1	36.2	36.4	36.5	37.3	37.5	37.5	37.5	37.6	37.8
GE 8000	21.8	22.5	29.8	30.5	35.5	39.1	39.8	41.3	41.6	41.8	42.5	42.7	42.7	42.7	42.9	43.1
GE 7000	23.1	23.8	31.5	32.2	37.5	41.1	41.8	43.3	43.6	43.8	44.5	44.7	44.7	44.7	44.9	45.1
GE 6000	23.1	23.8	31.5	32.2	37.5	41.1	41.8	43.3	43.6	43.8	44.5	44.7	44.7	44.7	44.9	45.1
GE 5000	23.8	24.5	32.4	33.1	39.1	42.7	44.0	45.8	46.2	46.4	47.1	47.3	47.3	47.3	47.5	47.6
GE 4500	24.0	24.7	32.5	33.3	39.3	42.9	44.2	46.0	46.4	46.5	47.3	47.5	47.5	47.5	47.6	47.8
GE 4000	25.5	26.4	34.5	35.3	42.2	45.8	47.1	48.9	49.3	49.5	50.2	50.4	50.4	50.4	50.5	50.7
GE 3500	26.4	27.3	36.2	37.1	44.5	48.5	49.8	51.8	52.2	52.4	53.3	53.5	53.5	53.5	53.6	53.8
GE 3000	30.0	31.3	40.5	42.2	50.9	55.5	56.7	59.3	59.6	59.8	61.1	61.3	61.3	61.5	61.6	61.8
GE 2500	30.5	32.0	41.6	43.6	53.8	58.4	59.6	62.2	62.5	62.7	64.2	64.4	64.4	64.5	64.7	64.9
GE 2000	31.5	32.9	43.3	45.8	57.3	62.2	63.6	66.9	67.6	67.8	69.3	70.0	70.0	70.2	70.4	70.5
GE 1800	31.6	33.1	43.5	46.0	57.5	62.5	64.0	67.3	68.0	68.2	69.6	70.4	70.4	70.5	70.7	70.9
GE 1500	31.6	33.1	43.5	46.2	58.2	63.3	64.7	68.4	69.1	69.3	70.7	71.5	71.5	71.6	71.8	72.0
GE 1200	32.4	34.0	45.1	48.2	61.5	66.7	69.6	74.0	74.7	74.9	76.4	77.1	77.1	77.3	77.5	77.6
GE 1000	33.3	34.9	46.7	49.8	64.4	69.6	72.5	77.3	78.0	78.2	79.6	80.4	80.4	80.5	80.7	80.9
GE 900	33.3	34.9	46.7	49.8	65.6	70.9	74.4	79.1	79.8	80.0	81.5	82.2	82.2	82.4	82.5	82.7
GE 800	33.3	34.9	46.7	50.2	66.9	72.2	75.8	80.7	81.5	81.6	83.1	83.8	83.8	84.0	84.2	84.4
GE 700	33.3	34.9	46.7	50.2	66.9	72.2	76.0	80.9	81.6	81.8	83.5	84.2	84.2	84.4	84.5	84.7
GE 600	33.3	34.9	46.7	50.2	67.6	73.1	76.9	82.0	82.7	82.9	84.7	85.5	85.5	85.6	85.8	86.0
GE 500	33.3	34.9	47.1	50.5	68.0	73.8	77.6	83.3	84.0	84.7	86.4	86.9	87.6	87.8	88.0	88.4
GE 400	33.3	34.9	47.3	50.7	68.2	74.0	78.0	84.0	84.7	86.4	89.3	90.0	90.4	90.5	90.7	90.9
GE 300	33.3	34.9	47.3	50.7	68.2	74.0	78.0	84.2	85.1	86.7	90.2	91.3	91.8	92.0	92.2	93.1
GE 200	33.3	34.9	47.3	50.7	68.2	74.0	78.0	84.2	85.1	86.7	90.4	91.5	92.2	92.7	92.9	96.4
GE 100	33.3	34.9	47.3	50.7	68.2	74.0	78.0	84.2	85.3	86.9	90.5	91.6	92.7	93.5	93.8	99.8
GE 000	33.3	34.9	47.3	50.7	68.2	74.0	78.0	84.2	85.3	86.9	90.5	91.6	92.7	93.6	94.0	100.0

TOTAL NUMBER OF OBSERVATIONS 550

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	17.2	18.2	23.4	25.1	29.9	32.5	33.7	35.9	36.4	36.6	36.8	37.6	38.0	38.0	38.0	38.5
GE 20000	17.5	18.4	24.6	26.6	31.3	34.2	35.4	37.6	38.0	38.3	38.8	39.5	40.0	40.0	40.0	40.4
GE 18000	17.5	18.4	24.6	26.6	31.3	34.2	35.4	37.6	38.0	38.3	38.8	39.5	40.0	40.0	40.0	40.4
GE 16000	17.5	18.4	24.6	26.6	31.3	34.2	35.4	37.6	38.0	38.3	38.8	39.5	40.0	40.0	40.0	40.4
GE 14000	17.5	18.4	24.6	26.6	31.3	34.2	35.4	37.6	38.0	38.3	38.8	39.5	40.2	40.2	40.2	40.7
GE 12000	17.5	18.4	24.6	26.6	31.6	34.4	35.6	37.8	38.3	38.5	39.0	39.7	40.4	40.4	40.4	40.9
GE 10000	17.7	18.7	24.9	26.8	31.8	34.7	36.1	38.3	38.8	39.0	39.5	40.2	40.9	40.9	40.9	41.4
GE 9000	18.7	19.6	25.8	27.8	32.8	35.6	37.1	39.2	39.7	40.0	40.4	41.1	41.9	41.9	41.9	42.3
GE 8000	20.8	22.2	29.4	31.3	36.4	39.2	40.7	42.8	43.8	44.0	44.5	45.2	45.9	45.9	45.9	46.4
GE 7000	21.8	23.2	30.6	32.5	37.8	40.7	42.1	44.3	45.5	45.7	46.2	46.9	47.6	47.6	47.6	48.1
GE 6000	21.8	23.2	30.9	32.8	38.0	40.9	42.3	44.5	45.7	45.9	46.4	47.1	47.8	47.8	47.8	48.3
GE 5000	21.8	23.2	31.3	33.3	39.2	42.1	44.0	46.2	47.4	47.6	48.1	48.8	49.5	49.5	49.5	50.0
GE 4500	22.7	24.2	32.3	34.2	40.4	43.3	45.2	47.4	48.6	48.8	49.3	50.0	50.7	50.7	50.7	51.2
GE 4000	23.0	24.4	32.8	34.7	41.1	44.0	45.9	48.1	49.3	49.5	50.0	50.7	51.4	51.4	51.4	51.9
GE 3500	23.9	25.4	33.7	36.4	43.1	45.9	47.8	50.0	51.2	51.4	52.2	53.1	53.8	53.8	53.8	54.3
GE 3000	26.6	28.2	37.3	40.9	48.6	51.7	53.6	56.0	57.2	57.4	58.1	59.1	60.0	60.0	60.0	60.5
GE 2500	27.3	28.9	38.0	42.1	50.5	54.3	56.2	58.6	59.8	60.0	60.8	61.7	62.7	62.7	62.7	63.2
GE 2000	28.0	29.7	40.4	44.7	55.3	59.8	62.2	66.7	67.9	68.2	68.9	69.9	70.8	70.8	70.8	71.3
GE 1800	28.0	29.7	40.4	44.7	55.3	59.8	62.2	66.7	67.9	68.2	68.9	69.9	70.8	70.8	70.8	71.3
GE 1500	28.9	30.6	41.6	46.2	57.2	61.7	64.1	68.7	69.9	70.1	70.8	71.8	72.7	72.7	72.7	73.2
GE 1200	29.9	31.8	44.5	49.5	61.5	66.5	69.4	73.9	75.1	75.4	76.1	77.0	78.0	78.0	78.0	78.5
GE 1000	30.1	32.1	45.2	50.2	63.4	68.4	71.5	76.1	77.3	77.5	78.2	79.2	80.1	80.1	80.1	80.6
GE 900	30.1	32.1	45.7	50.7	65.3	70.3	73.9	78.7	79.9	80.1	80.9	81.8	82.8	82.8	82.8	83.3
GE 800	30.1	32.1	45.7	50.7	65.8	71.1	74.6	79.4	80.6	80.9	81.6	82.5	83.5	83.5	83.5	84.0
GE 700	30.1	32.1	45.7	51.0	66.0	71.8	75.4	80.1	81.3	81.6	82.8	83.7	84.7	84.7	84.7	85.2
GE 600	30.1	32.1	45.7	51.0	66.0	71.8	75.4	80.4	81.6	81.8	83.3	84.2	85.2	85.2	85.2	85.6
GE 500	30.1	32.1	45.9	51.4	66.5	72.5	76.3	81.8	83.3	83.5	85.4	86.4	87.3	87.3	87.3	87.8
GE 400	30.1	32.1	45.9	51.4	66.5	72.5	76.3	82.8	84.2	85.2	87.1	88.0	89.0	89.0	89.2	89.7
GE 300	30.1	32.1	45.9	51.4	66.5	72.7	77.0	83.5	84.9	85.9	87.8	88.8	90.0	90.0	90.2	91.9
GE 200	30.1	32.1	45.9	51.4	66.5	72.7	77.0	83.5	84.9	86.4	88.3	89.2	90.7	90.7	91.1	95.0
GE 100	30.1	32.1	45.9	51.4	66.5	72.7	77.0	83.5	84.9	86.4	88.3	89.2	90.7	90.9	91.9	99.8
GE 000	30.1	32.1	45.9	51.4	66.5	72.7	77.0	83.5	84.9	86.4	88.3	89.2	90.7	90.9	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS 418

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV 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	13.0	13.8	17.9	19.1	23.2	25.7	27.0	28.7	29.0	29.4	29.9	30.2	30.4	30.8	31.2	32.2
GE 20000	14.2	15.1	19.9	21.2	25.5	28.3	29.7	31.3	31.7	32.1	32.7	32.9	33.2	33.5	33.9	35.1
GE 18000	14.3	15.1	20.0	21.2	25.6	28.3	29.7	31.4	31.8	32.2	32.7	33.0	33.2	33.6	34.0	35.1
GE 16000	14.3	15.1	20.0	21.2	25.6	28.3	29.7	31.4	31.8	32.2	32.7	33.0	33.2	33.6	34.0	35.1
GE 14000	14.3	15.2	20.1	21.4	25.7	28.5	29.9	31.6	32.0	32.3	32.9	33.2	33.4	33.7	34.2	35.3
GE 12000	14.4	15.3	20.3	21.5	25.9	28.6	30.2	31.8	32.2	32.6	33.2	33.5	33.7	34.0	34.4	35.6
GE 10000	15.1	16.1	21.1	22.3	26.8	29.6	31.2	32.8	33.2	33.6	34.2	34.4	34.7	35.0	35.4	36.6
GE 9000	15.5	16.4	21.6	22.8	27.4	30.3	31.8	33.5	33.9	34.3	34.9	35.2	35.4	35.7	36.2	37.3
GE 8000	17.7	18.8	24.8	26.3	31.4	34.4	36.0	37.8	38.3	38.7	39.3	39.6	39.8	40.1	40.6	41.7
GE 7000	18.6	19.6	26.0	27.6	33.0	36.1	37.8	39.6	40.2	40.7	41.3	41.6	41.9	42.2	42.6	43.7
GE 6000	18.6	19.7	26.2	27.8	33.2	36.3	38.1	39.9	40.5	40.9	41.5	41.8	42.1	42.4	42.8	44.0
GE 5000	19.3	20.5	27.2	28.7	34.5	37.9	39.8	41.7	42.3	42.8	43.3	43.7	43.9	44.2	44.7	45.8
GE 4500	19.9	21.0	27.9	29.5	35.3	38.7	40.7	42.6	43.2	43.7	44.2	44.6	44.8	45.1	45.5	46.7
GE 4000	21.7	23.1	30.3	32.0	38.4	41.9	44.0	46.0	46.6	47.1	47.8	48.1	48.3	48.7	49.1	50.2
GE 3500	22.6	24.0	31.7	33.5	40.0	43.7	45.9	48.1	48.7	49.3	49.9	50.3	50.6	50.9	51.3	52.5
GE 3000	26.7	28.3	36.8	39.3	46.8	50.7	53.0	55.5	56.2	56.8	57.7	58.0	58.4	58.7	59.1	60.3
GE 2500	27.3	29.1	37.9	40.7	48.8	52.9	55.3	57.8	58.5	59.2	60.1	60.4	60.7	61.0	61.5	62.6
GE 2000	29.1	30.9	40.4	43.3	52.1	56.5	59.1	62.1	62.8	63.5	64.5	64.9	65.2	65.6	66.0	67.2
GE 1800	29.3	31.0	40.6	43.6	52.4	56.8	59.4	62.4	63.2	63.9	64.8	65.2	65.6	65.9	66.3	67.5
GE 1500	30.2	32.1	42.2	45.4	54.8	59.3	61.9	65.0	65.8	66.5	67.4	67.9	68.2	68.5	69.0	70.1
GE 1200	31.4	33.4	44.4	47.9	58.1	62.9	65.9	69.3	70.2	71.0	71.9	72.3	72.6	73.0	73.4	74.6
GE 1000	31.8	33.8	45.3	48.9	60.2	65.1	68.4	72.0	72.9	73.7	74.6	75.1	75.4	75.8	76.2	77.4
GE 900	31.8	33.8	45.4	49.0	60.8	65.9	69.3	73.0	74.0	74.7	75.7	76.1	76.5	76.8	77.3	78.4
GE 800	32.0	34.0	45.6	49.3	61.7	66.9	70.4	74.3	75.2	76.0	76.9	77.4	77.8	78.2	78.7	79.9
GE 700	32.0	34.0	45.8	49.5	62.6	68.2	71.8	75.8	76.7	77.5	78.5	79.1	79.4	79.9	80.3	81.5
GE 600	32.1	34.1	45.9	49.6	63.0	68.9	72.8	77.1	78.1	78.9	80.2	80.7	81.1	81.6	82.1	83.3
GE 500	32.2	34.2	46.2	49.9	63.5	69.8	73.9	79.4	80.6	81.8	83.4	83.9	84.4	84.9	85.4	86.6
GE 400	32.2	34.2	46.2	50.0	63.7	70.1	74.6	80.6	82.2	83.8	85.8	86.5	87.1	87.7	88.2	89.5
GE 300	32.2	34.2	46.2	50.0	63.7	70.2	74.8	81.2	83.1	84.9	87.4	88.5	89.5	90.3	91.1	93.0
GE 200	32.2	34.2	46.2	50.0	63.7	70.2	74.8	81.3	83.2	85.3	87.9	89.1	90.5	91.4	92.6	97.4
GE 100	32.2	34.2	46.2	50.0	63.7	70.2	74.9	81.3	83.3	85.3	88.0	89.2	90.7	91.8	93.1	99.9
GE 000	32.2	34.2	46.2	50.0	63.7	70.2	74.9	81.3	83.3	85.3	88.0	89.2	90.7	91.8	93.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3928

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC 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	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 20000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 18000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 16000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 14000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 12000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 10000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 9000	9.0	11.7	17.1	17.1	18.0	18.0	19.8	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4	23.4
GE 8000	10.8	13.5	18.9	20.7	21.6	21.6	23.4	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 7000	10.8	13.5	18.9	20.7	21.6	21.6	23.4	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 6000	10.8	13.5	18.9	20.7	21.6	21.6	23.4	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 5000	10.8	13.5	18.9	20.7	21.6	21.6	23.4	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0	27.0
GE 4500	11.7	14.4	19.8	21.6	22.5	22.5	24.3	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9	27.9
GE 4000	13.5	16.2	21.6	25.2	27.0	27.0	28.8	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4	32.4
GE 3500	14.4	17.1	22.5	26.1	27.9	27.9	29.7	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3	33.3
GE 3000	21.6	26.1	32.4	36.0	41.4	41.4	43.2	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8
GE 2500	24.3	28.8	35.1	38.7	45.0	45.0	46.8	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 2000	26.1	30.6	39.6	43.2	49.5	50.5	52.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 1800	26.1	30.6	39.6	43.2	49.5	50.5	52.3	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 1500	29.7	36.0	45.0	48.6	55.9	56.8	59.5	64.0	64.0	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 1200	30.6	36.9	45.9	49.5	56.8	58.6	61.3	65.8	65.8	67.6	67.6	67.6	67.6	67.6	67.6	67.6
GE 1000	31.5	37.8	48.6	53.2	63.1	67.6	71.2	76.6	76.6	78.4	78.4	78.4	78.4	78.4	78.4	78.4
GE 900	31.5	37.8	48.6	53.2	63.1	69.4	73.0	79.3	79.3	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 800	31.5	37.8	48.6	53.2	63.1	71.2	74.8	82.0	82.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 700	31.5	37.8	48.6	53.2	63.1	71.2	74.8	82.0	82.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 600	31.5	37.8	51.4	55.9	65.8	73.9	77.5	84.7	84.7	86.5	86.5	86.5	86.5	86.5	86.5	86.5
GE 500	31.5	37.8	51.4	55.9	65.8	73.9	77.5	85.6	85.6	87.4	87.4	87.4	87.4	87.4	87.4	87.4
GE 400	31.5	37.8	51.4	55.9	65.8	73.9	77.5	85.6	85.6	87.4	87.4	88.3	88.3	88.3	88.3	88.3
GE 300	31.5	37.8	51.4	55.9	65.8	73.9	77.5	85.6	85.6	87.4	87.4	89.2	89.2	89.2	90.1	90.1
GE 200	31.5	37.8	51.4	55.9	65.8	73.9	77.5	85.6	85.6	88.3	88.3	90.1	90.1	90.1	91.9	94.6
GE 100	31.5	37.8	51.4	55.9	65.8	73.9	77.5	85.6	85.6	88.3	88.3	90.1	90.1	90.1	91.9	99.1
GE 000	31.5	37.8	51.4	55.9	65.8	73.9	77.5	85.6	85.6	88.3	88.3	90.1	90.1	90.1	91.9	100.0

TOTAL NUMBER OF OBSERVATIONS 111

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: DEC 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
CEIL	13.8	15.5	18.9	19.9	22.6	23.6	23.6	24.2	24.2	24.9	24.9	24.9	25.3	25.9	26.3	26.9
20000	14.5	16.2	19.5	20.5	23.6	24.6	24.6	25.3	25.3	25.9	25.9	25.9	26.3	26.9	27.3	27.9
18000	14.5	16.2	19.5	20.5	23.6	24.6	24.6	25.3	25.3	25.9	25.9	25.9	26.3	26.9	27.3	27.9
16000	14.5	16.2	19.5	20.5	23.6	24.6	24.6	25.3	25.3	25.9	25.9	25.9	26.3	26.9	27.3	27.9
14000	14.5	16.2	19.5	20.5	23.6	24.6	24.6	25.3	25.3	25.9	25.9	25.9	26.3	26.9	27.3	27.9
12000	14.5	16.2	19.5	20.5	23.9	24.9	24.9	25.6	25.6	26.3	26.3	26.3	26.6	27.3	27.6	28.3
10000	14.5	16.2	19.9	20.9	24.2	25.3	25.3	25.9	25.9	26.6	26.6	26.6	26.9	27.6	27.9	28.6
9000	15.5	17.2	20.9	21.9	25.9	26.9	26.9	27.6	27.6	28.3	28.3	28.3	28.6	29.3	29.6	30.3
8000	16.2	18.2	21.9	22.9	26.9	27.9	27.9	28.6	28.6	29.3	29.3	29.3	29.6	30.3	30.6	31.3
7000	16.2	18.2	21.9	22.9	26.9	27.9	27.9	28.6	28.6	29.3	29.3	29.3	29.6	30.3	30.6	31.3
6000	16.2	18.2	21.9	22.9	27.3	28.3	28.3	29.0	29.0	29.6	29.6	29.6	30.0	30.6	31.0	31.6
5000	16.8	18.9	22.6	23.9	28.6	29.6	29.6	30.3	30.3	31.0	31.0	31.0	31.3	32.0	32.3	33.0
4500	17.5	19.5	23.2	24.6	29.3	30.3	30.3	31.0	31.0	31.6	31.6	31.6	32.0	32.7	33.0	33.7
4000	18.2	20.2	24.2	25.6	31.3	32.3	32.3	33.0	33.0	33.7	33.7	33.7	34.0	34.7	35.0	35.7
3500	19.2	21.2	25.3	26.6	32.3	33.3	33.3	34.0	34.0	34.7	34.7	34.7	35.0	35.7	36.0	36.7
3000	22.2	24.2	31.6	33.0	40.1	41.1	41.4	42.8	42.8	43.4	43.4	43.4	43.8	44.4	44.8	45.5
2500	24.2	26.3	34.0	35.4	42.4	43.4	44.4	46.5	46.5	47.1	47.1	47.1	47.5	48.1	48.5	49.2
2000	26.3	28.3	36.4	38.4	46.8	48.8	49.8	53.2	53.2	54.2	54.2	54.2	54.5	55.2	55.6	56.2
1800	26.3	28.3	36.4	38.4	46.8	48.8	49.8	53.2	53.2	54.2	54.2	54.2	54.5	55.2	55.6	56.2
1500	29.0	31.0	39.7	41.8	51.2	54.5	55.6	58.9	58.9	59.9	59.9	59.9	60.3	60.9	61.3	62.0
1200	31.0	33.0	43.1	45.5	55.9	59.3	60.6	64.3	64.3	65.3	65.7	65.7	66.0	66.7	67.0	67.7
1000	32.3	34.3	44.4	47.5	59.9	64.6	66.3	70.7	70.7	71.7	72.1	72.1	72.4	73.1	73.4	74.1
900	32.3	34.7	45.1	48.8	61.6	66.3	68.4	73.4	73.4	74.4	74.7	75.1	75.4	76.1	76.4	77.1
800	33.3	35.7	46.8	50.5	64.0	68.7	71.0	76.1	76.1	77.1	77.4	77.8	78.1	78.8	79.1	79.8
700	33.3	35.7	46.8	50.8	64.3	69.0	71.4	77.4	77.8	78.8	79.1	79.8	80.1	80.8	81.1	81.8
600	33.3	35.7	47.5	52.2	66.0	70.7	73.4	79.5	79.8	80.8	81.1	81.8	82.2	82.8	83.2	83.8
500	33.3	35.7	47.5	52.2	66.3	72.1	75.4	81.5	81.8	82.8	83.2	84.2	84.5	85.2	85.5	86.2
400	33.3	35.7	47.5	52.2	66.7	72.7	76.1	82.5	83.5	85.5	85.9	86.9	87.2	88.2	88.6	89.2
300	33.3	35.7	47.5	52.9	67.3	73.4	77.1	83.8	85.2	87.2	87.5	88.6	89.9	91.6	92.3	93.3
200	33.3	35.7	47.5	52.9	67.3	73.7	77.4	84.2	85.9	88.2	88.6	89.9	92.3	94.3	94.9	97.0
100	33.3	35.7	47.5	52.9	67.3	73.7	77.4	84.2	86.2	88.6	88.9	90.2	92.6	94.9	95.6	100.0
000	33.3	35.7	47.5	52.9	67.3	73.7	77.4	84.2	86.2	88.6	88.9	90.2	92.6	94.9	95.6	100.0

TOTAL NUMBER OF OBSERVATIONS 297

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	9.5	10.8	14.3	15.9	18.5	19.1	20.5	22.2	22.5	22.8	22.8	23.1	23.1	23.3	23.4	24.2
GE 20000	10.6	11.9	15.6	17.3	20.4	21.0	22.5	24.1	24.4	24.7	24.7	25.0	25.0	25.2	25.4	26.2
GE 18000	10.8	12.0	15.7	17.5	20.5	21.2	22.6	24.2	24.6	24.9	24.9	25.2	25.2	25.4	25.5	26.3
GE 16000	10.8	12.0	15.7	17.5	20.5	21.2	22.6	24.2	24.6	24.9	24.9	25.2	25.2	25.4	25.5	26.3
GE 14000	10.8	12.0	15.7	17.5	20.5	21.2	22.6	24.2	24.6	24.9	24.9	25.2	25.2	25.4	25.5	26.3
GE 12000	10.8	12.0	15.7	17.5	20.7	21.3	22.8	24.4	24.7	25.0	25.0	25.4	25.4	25.5	25.7	26.5
GE 10000	11.1	12.4	16.1	17.8	21.2	21.8	23.3	24.9	25.2	25.5	25.5	25.8	25.8	26.0	26.2	27.0
GE 9000	11.9	13.2	17.2	18.9	22.5	23.3	24.7	26.3	26.6	27.0	27.0	27.3	27.3	27.4	27.6	28.4
GE 8000	13.8	15.4	19.4	21.2	24.9	25.7	27.1	28.7	29.1	29.4	29.4	29.7	29.7	29.9	30.0	30.8
GE 7000	13.8	15.4	19.4	21.3	25.4	26.2	27.6	29.2	29.5	29.9	29.9	30.2	30.2	30.3	30.5	31.3
GE 6000	13.8	15.4	19.4	21.3	25.4	26.2	27.6	29.2	29.5	29.9	29.9	30.2	30.2	30.3	30.5	31.3
GE 5000	15.4	17.0	21.2	23.3	27.8	28.6	30.0	31.6	32.1	32.4	32.4	32.7	32.7	32.9	33.1	33.9
GE 4500	16.2	17.8	22.2	24.4	29.1	29.9	31.5	33.1	33.5	33.9	33.9	34.2	34.2	34.3	34.5	35.3
GE 4000	17.2	18.8	23.8	26.0	31.6	32.4	34.0	35.8	36.3	36.6	36.6	36.9	36.9	37.1	37.2	38.0
GE 3500	18.0	19.6	24.6	26.8	32.4	33.5	35.6	37.4	37.9	38.2	38.2	38.5	38.5	38.7	38.8	39.6
GE 3000	21.0	23.1	28.7	31.5	38.2	39.5	41.6	43.3	43.8	44.1	44.1	44.5	44.5	44.6	44.8	45.6
GE 2500	22.6	24.9	30.8	33.5	40.3	41.6	43.8	45.6	46.1	46.4	46.4	46.7	46.7	46.9	47.0	47.8
GE 2000	24.6	26.8	33.1	36.3	44.5	46.1	48.6	51.5	52.3	52.6	52.6	53.0	53.0	53.3	53.5	54.3
GE 1800	24.7	27.0	33.2	36.4	44.9	46.5	49.1	52.0	52.8	53.1	53.1	53.5	53.5	53.8	53.9	54.7
GE 1500	27.0	29.4	36.4	40.1	49.6	51.5	54.3	57.5	58.4	58.9	58.9	59.2	59.2	59.6	59.7	60.5
GE 1200	28.1	30.5	38.0	42.4	53.0	54.9	57.6	61.2	62.8	63.2	63.2	63.6	63.6	63.9	64.0	64.8
GE 1000	29.2	31.6	40.0	44.6	56.3	58.3	61.2	65.8	67.6	68.1	68.1	68.4	68.4	68.7	68.9	69.8
GE 900	29.5	31.9	40.8	45.7	57.6	59.6	62.4	67.4	69.2	69.7	69.7	70.1	70.3	70.6	70.8	71.7
GE 800	30.0	32.4	41.6	46.9	59.9	62.6	65.7	70.9	72.7	73.2	73.5	74.2	74.5	74.8	75.0	75.9
GE 700	30.2	32.7	41.9	47.4	61.0	63.9	66.9	72.4	74.5	75.0	75.4	76.1	76.4	76.7	76.9	77.8
GE 600	30.2	32.9	42.5	48.8	62.8	66.0	69.0	75.1	77.2	77.7	78.5	79.1	79.5	79.8	79.9	80.9
GE 500	30.2	32.9	42.9	49.3	63.2	66.9	70.3	77.0	79.5	80.1	80.9	81.7	82.5	83.0	83.1	84.3
GE 400	30.2	32.9	42.9	49.3	63.4	67.4	70.9	79.1	82.0	83.3	84.1	85.2	86.0	86.5	86.7	87.8
GE 300	30.2	32.9	42.9	49.3	63.4	67.4	71.1	80.1	83.6	85.4	86.7	88.1	89.4	90.7	91.3	93.4
GE 200	30.2	32.9	42.9	49.3	63.4	67.6	71.4	80.7	84.8	86.8	88.6	90.2	91.8	94.2	95.5	98.1
GE 100	30.2	32.9	42.9	49.3	63.4	67.6	71.4	80.7	84.9	87.0	89.1	90.9	92.8	95.3	96.6	100.0
GE 000	30.2	32.9	42.9	49.3	63.4	67.6	71.4	80.7	84.9	87.0	89.1	90.9	92.8	95.3	96.6	100.0

TOTAL NUMBER OF OBSERVATIONS 623

OPERATING LOCATION "A"
SAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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
O CEIL	8.5	9.6	12.6	13.2	16.1	17.3	18.6	20.0	20.5	20.9	21.3	21.3	21.3	21.4	21.4	22.0
E 20000	10.1	11.7	14.6	15.4	18.6	20.0	21.3	22.8	23.5	23.9	24.3	24.3	24.3	24.4	24.4	25.0
E 18000	10.4	12.0	15.0	15.7	18.9	20.3	21.6	23.1	23.8	24.3	24.6	24.6	24.6	24.7	24.7	25.4
E 16000	10.6	12.1	15.1	15.9	19.1	20.5	21.7	23.3	23.9	24.4	24.7	24.7	24.7	24.9	24.9	25.5
E 14000	10.7	12.3	15.3	16.1	19.2	20.6	21.9	23.5	24.1	24.6	24.9	24.9	24.9	25.0	25.0	25.7
E 12000	11.2	12.8	15.7	16.5	19.7	21.1	22.4	23.9	24.6	25.0	25.4	25.4	25.4	25.5	25.5	26.1
E 10000	12.8	14.6	17.8	18.9	22.0	23.5	24.7	26.3	26.9	27.4	27.7	27.7	27.7	27.9	27.9	28.5
E 9000	13.4	15.3	18.4	19.5	22.7	24.3	25.5	27.1	27.7	28.2	28.5	28.5	28.5	28.7	28.7	29.3
E 8000	14.8	16.7	19.8	21.1	24.6	26.1	27.4	29.0	29.6	30.2	30.6	30.6	30.6	30.7	30.7	31.3
E 7000	15.6	17.6	21.4	22.7	26.5	28.2	29.4	31.2	31.8	32.6	32.9	32.9	32.9	33.1	33.1	33.9
E 6000	15.7	17.8	21.6	22.8	26.6	28.3	29.6	31.3	32.0	32.8	33.1	33.1	33.1	33.2	33.2	34.0
E 5000	16.7	18.9	22.7	23.9	27.9	30.1	31.3	33.1	33.9	34.6	35.0	35.0	35.0	35.1	35.1	35.9
E 4500	17.3	19.5	23.6	24.9	28.8	31.0	32.3	34.0	34.8	35.6	35.9	35.9	35.9	36.1	36.1	36.9
E 4000	18.9	21.4	26.0	27.4	31.5	34.0	35.3	37.0	37.8	38.6	38.9	38.9	38.9	39.1	39.1	39.8
E 3500	19.5	22.2	26.9	28.3	32.9	35.7	37.2	38.9	39.7	40.5	40.8	40.8	40.8	40.9	40.9	41.7
E 3000	22.7	26.0	31.7	33.1	38.3	41.3	43.0	45.2	46.0	47.1	47.4	47.6	47.6	47.7	47.7	48.5
E 2500	23.9	27.2	33.1	34.5	39.7	43.0	44.9	47.1	48.2	49.4	49.8	49.9	49.9	50.1	50.1	50.9
E 2000	25.4	28.7	34.8	37.2	43.1	46.9	49.3	52.3	53.7	55.3	55.6	55.7	55.7	55.9	55.9	56.7
E 1800	25.4	28.7	34.8	37.3	43.3	47.1	49.6	52.8	54.2	55.7	56.1	56.2	56.2	56.4	56.4	57.2
E 1500	26.5	29.9	37.0	39.8	47.2	51.3	54.5	58.1	59.7	61.3	61.7	61.9	61.9	62.0	62.0	62.8
E 1200	27.7	31.3	39.1	42.4	50.1	54.3	57.6	61.4	63.0	64.7	65.5	65.7	65.7	65.8	65.8	66.6
E 1000	29.3	33.2	41.7	45.4	53.4	57.6	61.3	65.7	67.6	69.6	70.4	70.6	70.6	70.7	70.7	71.5
E 900	30.6	34.5	43.1	46.9	55.6	60.3	63.9	68.3	70.2	72.6	73.4	73.5	73.5	73.7	73.7	74.5
E 800	31.0	35.0	44.1	47.9	56.7	61.9	65.7	70.1	72.1	74.5	75.4	75.6	75.6	75.7	75.7	76.5
E 700	31.0	35.0	44.1	47.9	57.2	62.7	66.5	71.0	73.4	75.7	77.3	77.5	77.5	77.6	77.6	78.4
E 600	31.0	35.0	44.3	48.3	58.0	63.9	67.7	72.4	75.0	77.3	79.1	79.2	79.2	79.4	79.4	80.2
E 500	31.0	35.0	44.9	49.3	59.1	65.7	70.1	75.6	78.6	81.4	83.3	83.8	83.9	84.3	84.3	85.0
E 400	31.0	35.0	44.9	49.3	59.4	66.8	71.3	77.5	81.1	84.1	86.5	87.2	87.7	88.2	88.5	89.3
E 300	31.0	35.0	44.9	49.3	59.4	66.8	71.5	78.3	82.4	85.7	88.3	89.4	90.4	91.2	92.3	93.9
E 200	31.0	35.0	44.9	49.3	59.4	66.8	71.8	78.9	83.3	86.6	89.8	90.9	92.9	94.5	96.4	99.1
E 100	31.0	35.0	44.9	49.3	59.4	66.8	71.8	78.9	83.5	86.8	90.1	91.2	93.2	95.1	97.2	100.0
E 000	31.0	35.0	44.9	49.3	59.4	66.8	71.8	78.9	83.5	86.8	90.1	91.2	93.2	95.1	97.2	100.0

YEAR NUMBER OF OBSERVATIONS 635

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	10.4	11.5	14.9	16.5	19.3	20.8	21.4	22.0	23.0	23.0	23.0	23.2	23.2	23.2	23.2	23.2
GE 20000	12.8	14.1	17.6	19.2	22.4	23.8	24.4	25.1	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.2
GE 18000	12.8	14.1	17.6	19.2	22.4	23.8	24.4	25.1	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.2
GE 16000	12.8	14.1	17.6	19.2	22.4	23.8	24.4	25.1	26.0	26.0	26.0	26.2	26.2	26.2	26.2	26.2
GE 14000	12.9	14.2	17.7	19.3	22.5	24.0	24.6	25.2	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4
GE 12000	12.9	14.2	17.7	19.3	22.5	24.0	24.6	25.2	26.2	26.2	26.2	26.4	26.4	26.4	26.4	26.4
GE 10000	13.4	14.7	18.5	20.1	24.0	25.4	26.0	26.7	27.6	27.6	27.6	27.8	27.8	27.8	27.8	27.8
GE 9000	14.1	15.3	19.2	20.8	24.8	26.2	26.8	27.5	28.4	28.4	28.4	28.6	28.6	28.6	28.6	28.6
GE 8000	17.4	19.2	23.6	25.7	30.5	32.1	32.7	33.4	34.3	34.3	34.3	34.5	34.5	34.5	34.5	34.5
GE 7000	18.7	20.4	25.7	27.8	33.1	34.8	35.5	36.1	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2
GE 6000	19.5	21.2	26.7	28.8	34.2	35.9	36.6	37.4	38.3	38.3	38.3	38.5	38.5	38.5	38.5	38.5
GE 5000	19.6	21.4	26.8	28.9	34.3	36.1	36.7	37.5	38.5	38.5	38.5	38.7	38.7	38.7	38.7	38.7
GE 4500	20.4	22.2	27.6	29.7	35.6	37.4	38.0	38.8	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9
GE 4000	22.5	24.6	30.2	32.4	39.0	41.2	41.9	42.7	43.6	43.6	43.6	43.8	43.8	43.8	43.8	43.8
GE 3500	24.0	26.0	31.8	34.2	41.1	43.3	43.9	44.7	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8
GE 3000	28.9	31.5	38.0	40.9	48.7	51.0	51.8	53.0	54.0	54.2	54.2	54.3	54.3	54.3	54.3	54.3
GE 2500	31.3	34.0	41.1	44.2	52.1	54.8	55.9	57.2	58.3	58.5	58.5	58.6	58.6	58.6	58.6	58.6
GE 2000	33.5	36.3	43.8	47.9	55.9	58.6	59.7	61.3	62.9	63.3	63.4	63.6	63.6	63.6	63.6	63.6
GE 1800	33.9	36.6	44.2	48.4	56.4	59.1	60.4	62.0	63.6	63.9	64.1	64.2	64.2	64.2	64.2	64.2
GE 1500	35.5	38.3	47.0	51.4	59.4	62.1	63.6	65.2	66.9	67.3	67.4	67.9	67.9	67.9	67.9	67.9
GE 1200	37.4	40.3	49.2	54.2	62.6	65.3	66.8	68.8	70.6	71.1	71.2	71.7	71.7	71.7	71.7	71.7
GE 1000	38.8	41.9	51.0	56.2	65.7	68.5	70.1	72.4	74.3	74.8	75.1	75.6	75.6	75.6	75.6	75.6
GE 900	39.0	42.0	51.1	56.4	66.3	69.2	70.8	73.3	75.2	75.7	76.0	76.5	76.5	76.5	76.5	76.5
GE 800	39.1	42.2	51.4	57.7	68.2	72.0	73.6	76.5	78.4	78.9	79.2	79.7	79.7	79.7	79.7	79.7
GE 700	39.3	42.3	51.9	58.3	69.2	74.0	75.6	78.6	81.0	81.6	82.3	82.7	82.9	82.9	82.9	82.9
GE 600	39.3	42.3	51.9	58.5	70.4	75.4	77.2	80.7	83.2	84.2	85.0	85.5	85.8	85.8	85.8	85.8
GE 500	39.3	42.3	51.9	58.5	71.4	76.7	78.6	83.1	85.8	87.7	88.5	89.1	89.5	89.6	89.8	89.8
GE 400	39.3	42.3	51.9	58.5	71.7	77.5	79.7	85.3	89.1	91.1	92.0	92.7	93.5	93.6	93.8	93.9
GE 300	39.3	42.3	51.9	58.5	71.7	77.5	79.7	85.3	89.1	91.7	93.8	94.6	96.2	97.1	97.3	97.6
GE 200	39.3	42.3	51.9	58.5	71.7	77.5	79.7	85.6	89.5	92.0	94.1	95.2	96.8	97.9	98.4	99.0
GE 100	39.3	42.3	51.9	58.5	71.9	77.6	79.9	85.8	89.6	92.2	94.2	95.4	97.0	98.2	98.7	100.0
GE 000	39.3	42.3	51.9	58.5	71.9	77.6	79.9	85.8	89.6	92.2	94.2	95.4	97.0	98.2	98.7	100.0

TOTAL NUMBER OF OBSERVATIONS 626

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	13.4	14.5	17.1	18.1	21.7	22.8	23.1	24.3	24.3	24.3	24.6	24.6	24.6	24.6	24.6	24.6
GE 20000	14.7	15.8	18.6	19.5	23.3	24.4	24.8	25.9	25.9	25.9	26.2	26.2	26.2	26.2	26.2	26.2
GE 18000	14.8	16.0	18.7	19.7	23.5	24.6	24.9	26.1	26.1	26.1	26.4	26.4	26.4	26.4	26.4	26.4
GE 16000	14.8	16.0	18.7	19.7	23.5	24.6	24.9	26.1	26.1	26.1	26.4	26.4	26.4	26.4	26.4	26.4
GE 14000	14.8	16.1	18.9	19.9	23.6	24.8	25.1	26.2	26.2	26.2	26.5	26.5	26.5	26.5	26.5	26.5
GE 12000	14.8	16.3	19.1	20.0	23.8	24.9	25.2	26.4	26.4	26.4	26.7	26.7	26.7	26.7	26.7	26.7
GE 10000	15.3	16.8	19.5	20.5	24.8	25.9	26.2	27.4	27.4	27.4	27.7	27.7	27.7	27.7	27.7	27.7
GE 9000	15.8	17.3	20.0	21.0	25.2	26.4	26.7	27.9	27.9	27.9	28.2	28.2	28.2	28.2	28.2	28.2
GE 8000	19.5	21.5	24.8	26.2	30.9	32.2	32.6	33.7	33.7	33.7	34.0	34.0	34.0	34.0	34.0	34.0
GE 7000	20.4	22.5	26.5	28.0	33.7	35.5	35.8	37.0	37.0	37.0	37.3	37.3	37.3	37.3	37.3	37.3
GE 6000	20.4	22.5	26.5	28.0	33.7	35.5	35.8	37.0	37.0	37.0	37.3	37.3	37.3	37.3	37.3	37.3
GE 5000	21.2	23.6	27.7	29.2	35.3	37.1	37.5	38.8	38.9	38.9	39.3	39.3	39.3	39.3	39.3	39.3
GE 4500	21.3	23.8	27.9	29.5	36.2	37.9	38.3	39.6	39.7	39.7	40.1	40.1	40.1	40.1	40.1	40.1
GE 4000	22.8	25.4	29.6	31.3	38.4	40.2	40.6	41.9	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3
GE 3500	24.4	27.2	31.9	33.6	41.0	42.8	43.2	44.5	44.6	44.6	45.0	45.0	45.0	45.0	45.0	45.0
GE 3000	29.2	32.2	38.1	40.2	48.7	51.0	51.3	52.6	53.1	53.1	53.4	53.4	53.4	53.4	53.4	53.4
GE 2500	31.4	34.7	40.9	43.2	52.1	54.9	55.2	56.7	57.2	57.3	57.7	57.7	57.7	57.7	57.7	57.7
GE 2000	33.4	36.8	43.8	46.7	56.2	59.0	59.3	61.4	62.5	62.7	63.2	63.2	63.2	63.2	63.2	63.2
GE 1800	33.6	37.0	44.5	47.4	57.2	59.9	60.3	62.4	63.5	63.7	64.2	64.2	64.2	64.2	64.2	64.2
GE 1500	35.0	38.6	46.9	50.0	60.6	63.4	63.8	66.0	67.1	67.3	67.8	67.8	67.8	67.9	67.9	67.9
GE 1200	36.3	39.9	48.9	52.3	63.4	66.4	66.9	69.5	70.8	71.0	71.5	71.7	71.7	71.8	72.0	72.0
GE 1000	36.6	40.4	49.8	53.6	65.6	69.2	70.2	72.8	74.1	74.8	75.2	75.6	75.6	75.7	75.9	75.9
GE 900	36.8	40.6	50.2	53.9	66.6	70.2	71.3	73.9	75.2	75.9	76.4	76.7	76.7	76.9	77.0	77.0
GE 800	37.1	40.9	51.3	55.4	68.7	72.6	73.9	76.5	78.0	78.7	79.3	79.6	79.6	79.8	80.0	80.0
GE 700	37.1	40.9	51.6	56.0	70.4	75.4	77.7	80.5	81.9	82.6	83.2	83.6	83.6	83.9	84.0	84.0
GE 600	37.3	41.2	52.1	56.5	70.8	75.9	78.7	81.9	83.9	84.5	85.3	85.7	85.7	86.0	86.2	86.2
GE 500	37.3	41.2	52.1	56.5	71.3	76.7	79.5	83.4	86.2	86.8	87.8	88.1	88.3	88.6	88.8	88.8
GE 400	37.3	41.2	52.1	56.5	71.3	76.9	80.1	85.3	88.3	89.3	90.2	90.7	90.9	91.5	91.7	91.7
GE 300	37.3	41.2	52.1	56.5	71.3	76.9	80.1	86.0	88.9	90.6	92.7	93.5	94.0	94.8	95.1	95.1
GE 200	37.3	41.2	52.1	56.5	71.3	76.9	80.1	86.0	88.9	90.6	92.8	93.6	95.1	96.9	97.6	98.4
GE 100	37.3	41.2	52.1	56.5	71.3	76.9	80.1	86.0	88.9	90.6	92.8	93.6	95.1	97.2	98.0	100.0
GE 000	37.3	41.2	52.1	56.5	71.3	76.9	80.1	86.0	88.9	90.6	92.8	93.6	95.1	97.2	98.0	100.0

TOTAL NUMBER OF OBSERVATIONS 614

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC 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	15.3	17.5	19.2	19.6	25.0	26.8	26.8	28.2	28.2	28.2	28.5	28.5	28.5	28.5	28.5	28.5
GE 20000	16.1	18.3	20.0	20.4	25.8	27.6	27.6	28.9	28.9	28.9	29.3	29.3	29.3	29.3	29.3	29.3
GE 18000	16.5	18.6	20.4	20.8	26.2	28.0	28.0	29.3	29.3	29.3	29.7	29.7	29.7	29.7	29.7	29.7
GE 16000	16.5	18.6	20.4	20.8	26.2	28.0	28.0	29.3	29.3	29.3	29.7	29.7	29.7	29.7	29.7	29.7
GE 14000	16.5	18.6	20.4	20.8	26.2	28.0	28.0	29.3	29.3	29.3	29.7	29.7	29.7	29.7	29.7	29.7
GE 12000	17.1	19.2	21.0	21.4	26.8	28.5	28.5	29.9	29.9	29.9	30.3	30.3	30.3	30.3	30.3	30.3
GE 10000	17.1	19.2	21.0	21.4	26.8	28.5	28.5	29.9	29.9	29.9	30.3	30.3	30.3	30.3	30.3	30.3
GE 9000	17.9	20.0	21.7	22.1	27.8	29.9	29.9	31.3	31.3	31.3	31.7	31.7	31.7	31.7	31.7	31.7
GE 8000	20.6	22.9	25.4	26.0	32.2	34.8	34.8	36.1	36.1	36.1	36.5	36.5	36.5	36.5	36.5	36.5
GE 7000	20.8	23.1	25.8	26.8	33.2	36.5	36.5	37.9	37.9	37.9	38.3	38.3	38.3	38.3	38.3	38.3
GE 6000	20.8	23.1	25.8	26.8	33.2	36.5	36.5	37.9	37.9	37.9	38.3	38.3	38.3	38.3	38.3	38.3
GE 5000	21.9	24.3	27.0	28.0	35.1	38.4	38.4	39.8	39.8	40.0	40.4	40.4	40.4	40.4	40.4	40.4
GE 4500	22.1	24.5	27.2	28.2	35.7	39.0	39.0	40.4	40.4	40.6	41.0	41.0	41.0	41.0	41.0	41.0
GE 4000	24.1	26.4	29.5	30.5	38.3	41.6	41.6	42.9	42.9	43.1	43.5	43.5	43.5	43.5	43.5	43.5
GE 3500	26.4	28.7	32.2	33.8	41.6	44.9	44.9	46.2	46.2	46.4	46.8	46.8	46.8	46.8	46.8	46.8
GE 3000	29.7	32.2	37.3	39.0	48.9	52.8	52.8	54.2	54.6	54.8	55.1	55.1	55.1	55.1	55.1	55.1
GE 2500	32.2	34.8	40.4	42.1	53.6	57.7	57.7	59.2	59.6	59.8	60.2	60.2	60.2	60.2	60.2	60.2
GE 2000	34.0	36.5	42.1	44.1	56.1	60.4	60.6	62.1	62.5	62.7	63.3	63.3	63.3	63.3	63.3	63.7
GE 1800	34.0	36.5	42.1	44.1	56.5	61.0	61.2	62.7	63.1	63.3	63.9	63.9	63.9	63.9	63.9	64.3
GE 1500	34.4	36.9	43.9	46.2	59.8	64.7	64.9	66.6	67.0	67.6	68.5	68.5	68.5	68.5	68.5	68.9
GE 1200	34.8	37.3	44.5	46.8	61.0	65.8	66.2	68.0	68.9	69.5	70.5	70.5	70.5	70.5	70.5	70.9
GE 1000	35.1	37.7	45.0	47.4	61.9	67.4	68.2	69.9	70.9	71.7	72.6	72.6	72.6	72.8	72.8	73.2
GE 900	35.1	37.7	45.0	47.4	61.9	67.4	68.5	70.3	71.3	72.0	73.4	73.4	73.4	73.6	73.6	74.0
GE 800	35.1	37.7	45.8	48.2	63.3	68.7	69.9	71.7	72.6	73.4	74.8	74.8	74.8	75.0	75.0	75.3
GE 700	35.1	37.7	46.2	48.5	64.1	69.7	72.0	73.8	74.8	75.5	76.9	76.9	76.9	77.1	77.1	77.5
GE 600	35.5	38.1	47.2	49.5	65.8	72.4	74.8	77.5	79.0	79.8	81.4	81.4	81.4	81.6	81.6	81.9
GE 500	35.5	38.1	47.2	49.5	67.4	74.6	76.9	80.6	82.5	83.3	85.0	85.6	85.8	86.0	86.0	86.4
GE 400	35.5	38.1	47.2	49.5	68.2	75.3	77.9	81.9	84.7	86.0	88.5	89.3	89.5	89.7	89.7	90.1
GE 300	35.5	38.1	47.2	49.5	68.2	75.3	77.9	82.3	85.2	86.8	91.7	92.8	93.0	93.4	93.4	94.0
GE 200	35.5	38.1	47.2	49.5	68.2	75.3	77.9	82.3	85.2	86.8	91.8	93.4	94.6	96.1	96.1	97.5
GE 100	35.5	38.1	47.2	49.5	68.2	75.3	77.9	82.3	85.6	87.2	92.4	94.0	95.1	96.9	96.9	100.0
GE 000	35.5	38.1	47.2	49.5	68.2	75.3	77.9	82.3	85.6	87.2	92.4	94.0	95.1	96.9	96.9	100.0

TOTAL NUMBER OF OBSERVATIONS 515

OPERATING LOCATION "A"
 WAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: AINSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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
∞ CEIL	13.6	16.3	18.7	19.6	23.0	23.6	26.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3
∞ 20000	13.6	16.3	18.7	19.6	23.0	23.6	26.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3
∞ 18000	13.6	16.3	18.7	19.6	23.0	23.6	26.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3
∞ 16000	13.6	16.3	18.7	19.6	23.0	23.6	26.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3
∞ 14000	13.6	16.3	18.7	19.6	23.0	23.6	26.6	29.0	29.0	29.0	29.3	29.3	29.3	29.3	29.3	29.3
∞ 12000	14.2	16.9	19.3	20.2	23.6	24.2	27.2	29.6	29.6	29.6	29.9	29.9	29.9	29.9	29.9	29.9
∞ 10000	14.5	17.2	19.6	20.5	23.9	24.5	27.5	29.9	29.9	29.9	30.2	30.2	30.2	30.2	30.2	30.2
∞ 9000	15.7	18.4	20.8	21.8	25.1	25.7	28.7	31.1	31.1	31.1	31.4	31.4	31.4	31.4	31.4	31.4
∞ 8000	19.0	22.4	24.8	26.3	30.2	31.4	34.4	36.9	36.9	36.9	37.2	37.2	37.2	37.2	37.2	37.2
∞ 7000	19.0	22.4	24.8	26.9	30.8	32.9	36.0	38.4	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7
∞ 6000	19.0	22.4	24.8	26.9	30.8	32.9	36.0	38.4	38.4	38.4	38.7	38.7	38.7	38.7	38.7	38.7
∞ 5000	19.6	23.0	25.4	27.5	31.7	33.8	37.2	39.6	39.6	39.6	39.9	39.9	39.9	39.9	39.9	39.9
∞ 4500	19.9	23.3	25.7	27.8	32.0	34.1	37.5	39.9	39.9	39.9	40.2	40.2	40.2	40.2	40.2	40.2
∞ 4000	20.8	24.2	26.9	29.0	34.1	36.3	39.6	42.0	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3
∞ 3500	21.5	24.8	27.5	29.6	34.7	36.9	40.2	42.9	42.9	42.9	43.2	43.2	43.2	43.2	43.2	43.2
∞ 3000	26.6	31.1	35.6	37.8	45.6	48.3	51.7	54.4	54.4	54.4	54.7	54.7	54.7	54.7	54.7	54.7
∞ 2500	28.1	32.6	38.1	40.2	48.9	52.3	55.6	58.3	58.3	58.3	58.6	58.6	58.6	58.6	58.6	58.6
∞ 2000	29.3	33.8	40.8	42.9	52.3	55.9	59.5	62.5	62.5	62.8	63.1	63.1	63.1	63.1	63.1	63.1
∞ 1800	29.6	34.1	41.7	43.8	53.2	57.4	61.0	64.0	64.0	64.4	64.7	64.7	64.7	64.7	64.7	64.7
∞ 1500	30.5	35.0	42.9	45.0	55.6	59.8	63.4	66.5	66.5	67.4	68.0	68.0	68.0	68.0	68.0	68.0
∞ 1200	31.1	35.6	43.5	45.9	58.0	62.8	66.8	69.8	69.8	70.7	71.6	71.6	71.6	71.6	71.6	71.6
∞ 1000	31.1	35.6	43.5	45.9	59.2	64.4	69.2	72.2	72.2	73.1	74.0	74.0	74.0	74.0	74.0	74.0
∞ 900	31.1	35.6	43.5	45.9	59.5	65.0	69.8	73.7	73.7	74.9	76.4	76.4	76.4	76.7	76.7	76.7
∞ 800	31.4	36.0	44.7	47.4	61.6	68.0	72.8	77.0	77.3	79.5	80.1	80.1	80.1	80.4	80.4	80.4
∞ 700	31.4	36.0	45.0	47.7	62.8	69.2	74.9	79.8	80.1	81.3	83.1	83.1	83.1	83.4	83.4	83.4
∞ 600	31.4	36.0	45.6	48.3	63.4	70.7	76.4	82.2	82.5	84.0	85.8	85.8	85.8	86.1	86.1	86.1
∞ 500	31.4	36.0	45.6	48.3	64.0	71.3	77.0	82.8	83.4	84.9	87.3	87.3	87.3	87.6	87.6	87.6
∞ 400	31.4	36.0	45.6	48.3	64.0	71.3	77.0	84.3	84.9	87.0	90.3	90.6	90.6	90.9	90.9	90.9
∞ 300	31.4	36.0	45.6	48.3	64.0	71.3	77.0	84.3	84.9	87.9	92.4	93.4	93.4	94.0	94.0	94.3
∞ 200	31.4	36.0	45.6	48.3	64.0	71.3	77.0	84.3	84.9	88.2	93.4	94.3	94.3	94.9	96.1	96.4
∞ 100	31.4	36.0	45.6	48.3	64.0	71.3	77.0	84.3	84.9	88.2	93.4	94.3	95.2	96.4	97.0	100.0
∞ 000	31.4	36.0	45.6	48.3	64.0	71.3	77.0	84.3	84.9	88.2	93.4	94.3	95.2	96.4	97.0	100.0

TOTAL NUMBER OF OBSERVATIONS 331

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	11.6	13.1	16.1	17.1	20.3	21.5	22.4	23.7	24.0	24.2	24.4	24.5	24.5	24.7	24.7	25.0
GE 20000	12.8	14.4	17.5	18.6	22.0	23.2	24.1	25.5	25.8	26.0	26.2	26.3	26.3	26.4	26.5	26.8
GE 18000	13.0	14.6	17.6	18.7	22.2	23.3	24.3	25.7	26.0	26.2	26.4	26.4	26.5	26.6	26.6	26.9
GE 16000	13.0	14.6	17.7	18.7	22.2	23.4	24.3	25.7	26.0	26.2	26.4	26.5	26.5	26.6	26.7	26.9
GE 14000	13.1	14.7	17.8	18.8	22.3	23.5	24.4	25.8	26.1	26.3	26.5	26.5	26.6	26.7	26.7	27.0
GE 12000	13.3	15.0	18.0	19.1	22.6	23.7	24.7	26.1	26.4	26.6	26.8	26.8	26.9	27.0	27.0	27.3
GE 10000	13.8	15.5	18.7	19.8	23.5	24.7	25.6	27.0	27.3	27.5	27.7	27.8	27.8	27.9	28.0	28.3
GE 9000	14.5	16.2	19.4	20.5	24.4	25.7	26.6	28.0	28.3	28.5	28.7	28.8	28.8	28.9	29.0	29.3
GE 8000	17.0	19.1	22.5	24.0	28.3	29.7	30.7	32.0	32.4	32.6	32.8	32.8	32.9	33.0	33.0	33.3
GE 7000	17.5	19.6	23.5	25.1	29.8	31.5	32.4	33.8	34.2	34.4	34.6	34.7	34.7	34.8	34.9	35.2
GE 6000	17.7	19.8	23.7	25.3	30.0	31.7	32.7	34.1	34.4	34.7	34.9	34.9	35.0	35.1	35.1	35.4
GE 5000	18.5	20.7	24.7	26.3	31.4	33.2	34.1	35.6	36.0	36.3	36.5	36.5	36.6	36.7	36.7	37.0
GE 4500	19.1	21.2	25.3	26.9	32.3	34.1	35.1	36.5	36.9	37.2	37.4	37.5	37.5	37.6	37.7	38.0
GE 4000	20.5	22.8	27.2	29.0	34.9	36.9	37.8	39.3	39.7	40.0	40.2	40.3	40.3	40.4	40.5	40.8
GE 3500	21.7	24.1	28.7	30.6	36.7	38.7	39.8	41.3	41.7	42.0	42.2	42.3	42.3	42.4	42.5	42.8
GE 3000	25.7	28.6	34.4	36.6	44.1	46.4	47.6	49.3	49.8	50.2	50.3	50.5	50.5	50.6	50.6	51.0
GE 2500	27.7	30.7	36.9	39.1	47.0	49.6	51.0	52.8	57.4	53.8	54.0	54.1	54.1	54.2	54.3	54.6
GE 2000	29.5	32.5	39.3	42.1	50.7	53.6	55.1	57.6	58.5	59.1	59.4	59.5	59.5	59.6	59.7	60.0
GE 1800	29.7	32.6	39.6	42.4	51.2	54.2	55.8	58.3	59.1	59.7	60.0	60.1	60.1	60.3	60.3	60.7
GE 1500	31.2	34.3	42.1	45.2	54.9	58.1	59.9	62.6	63.6	64.3	64.7	64.8	64.8	65.0	65.1	65.4
GE 1200	32.4	35.6	43.8	47.3	57.7	61.1	63.0	65.9	67.1	67.9	68.4	68.6	68.6	68.7	68.8	69.2
GE 1000	33.3	36.6	45.3	49.1	60.4	64.2	66.5	69.9	71.1	72.1	72.6	72.8	72.8	73.0	73.1	73.5
GE 900	33.7	37.0	45.8	49.8	61.4	65.4	67.8	71.4	72.7	73.7	74.3	74.6	74.6	74.8	74.9	75.3
GE 800	34.0	37.3	46.7	50.9	63.2	67.8	70.3	74.0	75.4	76.4	77.1	77.4	77.5	77.7	77.8	78.2
GE 700	34.1	37.4	47.0	51.3	64.2	69.1	72.0	76.0	77.6	78.7	79.6	79.9	80.0	80.3	80.3	80.7
GE 600	34.1	37.5	47.5	52.1	65.4	70.7	73.8	78.3	80.1	81.2	82.3	82.6	82.7	83.0	83.0	83.4
GE 500	34.1	37.5	47.7	52.4	66.2	72.0	75.3	80.4	82.6	84.0	85.2	85.7	86.0	86.4	86.5	86.9
GE 400	34.1	37.5	47.7	52.4	66.4	72.6	76.1	82.2	84.9	86.7	88.2	89.0	89.4	89.8	90.0	90.4
GE 300	34.1	37.5	47.7	52.4	66.5	72.6	76.2	82.8	85.7	88.0	90.4	91.5	92.3	93.2	93.7	94.5
GE 200	34.1	37.5	47.7	52.4	66.5	72.7	76.3	83.0	86.2	88.5	91.3	92.5	94.0	95.6	96.5	98.1
GE 100	34.1	37.5	47.7	52.4	66.5	72.7	76.4	83.1	86.3	88.7	91.5	92.8	94.4	96.2	97.1	100.0
GE 000	34.1	37.5	47.7	52.4	66.5	72.7	76.4	83.1	86.3	88.7	91.5	92.8	94.4	96.2	97.1	100.0

TOTAL NUMBER OF OBSERVATIONS 3752

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AFB/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	24.4	25.7	30.4	32.0	35.7	36.9	37.7	38.7	39.0	39.3	39.6	39.7	39.8	39.9	40.0	40.5
20000	27.6	29.1	34.4	36.2	40.3	41.5	42.4	43.5	43.8	44.1	44.4	44.5	44.6	44.8	44.9	45.3
18000	27.8	29.3	34.6	36.4	40.5	41.8	42.6	43.7	44.0	44.4	44.7	44.8	44.9	45.0	45.1	45.6
16000	27.8	29.3	34.6	36.4	40.5	41.8	42.7	43.7	44.1	44.4	44.7	44.8	44.9	45.0	45.2	45.6
14000	27.9	29.4	34.8	36.6	40.7	42.0	42.9	43.9	44.3	44.6	44.9	45.0	45.1	45.3	45.4	45.8
12000	28.4	29.9	35.4	37.2	41.4	42.7	43.6	44.6	45.0	45.3	45.6	45.7	45.8	45.9	46.1	46.5
10000	29.9	31.4	37.2	39.1	43.5	44.8	45.8	46.9	47.2	47.5	47.8	48.0	48.1	48.2	48.7	48.8
9000	30.6	32.2	38.1	40.0	44.5	45.9	46.9	48.0	48.3	48.7	49.0	49.1	49.3	49.4	49.5	49.9
8000	33.3	35.1	41.6	43.7	48.6	50.0	51.1	52.3	52.7	53.1	53.4	53.6	53.7	53.8	53.9	54.4
7000	34.5	36.3	43.1	45.3	50.4	52.0	53.1	54.3	54.7	55.1	55.4	55.6	55.7	55.8	56.0	56.4
6000	34.7	36.6	43.4	45.6	50.8	52.4	53.5	54.7	55.1	55.5	55.8	56.0	56.1	56.2	56.4	56.8
5000	36.3	38.2	45.4	47.7	53.1	54.8	56.0	57.3	57.7	58.1	58.5	58.6	58.7	58.9	59.0	59.4
4500	37.0	39.0	46.3	48.7	54.2	55.9	57.1	58.5	58.9	59.3	59.6	59.8	59.9	60.0	60.2	60.6
4000	40.1	42.2	50.2	52.8	58.8	60.7	62.0	63.4	63.9	64.3	64.7	64.8	64.9	65.1	65.2	65.7
3500	41.7	43.9	52.2	54.9	61.2	63.1	64.5	66.0	66.4	66.9	67.3	67.4	67.6	67.7	67.8	68.3
3000	45.8	48.2	57.6	60.7	68.0	70.2	71.7	73.4	74.0	74.5	75.0	75.2	75.3	75.4	75.6	76.1
2500	46.6	49.2	58.8	62.0	69.6	71.9	73.5	75.2	75.8	76.4	76.9	77.1	77.2	77.4	77.5	78.0
2000	48.1	50.7	61.0	64.3	72.4	75.0	76.8	78.8	79.5	80.1	80.6	80.9	81.0	81.2	81.3	81.8
1800	48.3	50.9	61.2	64.6	72.7	75.3	77.1	79.1	79.9	80.5	81.0	81.3	81.4	81.6	81.7	82.2
1500	49.1	51.7	62.4	65.9	74.5	77.2	79.2	81.3	82.1	82.8	83.4	83.7	83.8	84.0	84.1	84.6
1200	49.6	52.3	63.4	67.1	76.0	79.0	81.0	83.3	84.3	85.0	85.7	86.0	86.1	86.3	86.4	86.9
1000	50.0	52.7	64.0	67.8	77.3	80.4	82.8	85.3	86.3	87.1	87.8	88.2	88.4	88.5	88.7	89.1
900	50.1	52.8	64.2	68.0	77.6	80.8	83.2	85.8	86.8	87.7	88.4	88.8	88.9	89.1	89.2	89.7
800	50.2	52.9	64.3	68.2	78.0	81.4	83.8	86.6	87.7	88.5	89.3	89.7	89.9	90.1	90.2	90.7
700	50.2	52.9	64.5	68.4	78.4	82.0	84.5	87.4	88.5	89.4	90.3	90.7	90.9	91.1	91.3	91.7
600	50.2	53.0	64.6	68.6	78.8	82.4	85.1	88.2	89.4	90.4	91.4	91.8	92.1	92.3	92.4	92.9
500	50.3	53.0	64.7	68.7	79.1	83.0	85.8	89.3	90.7	91.8	92.9	93.5	93.8	94.0	94.2	94.7
400	50.3	53.0	64.7	68.7	79.2	83.2	86.1	89.8	91.4	92.7	94.0	94.7	95.1	95.3	95.6	96.1
300	50.3	53.0	64.7	68.8	79.2	83.2	86.2	90.0	91.7	93.1	94.7	95.6	96.1	96.5	96.8	97.7
200	50.3	53.0	64.7	68.8	79.2	83.2	86.2	90.0	91.8	93.3	94.9	95.8	96.7	97.1	97.6	98.0
100	50.3	53.0	64.7	68.8	79.2	83.2	86.2	90.1	91.8	93.3	94.9	95.9	96.6	97.3	97.9	99.9
000	50.3	53.0	64.7	68.8	79.3	83.2	86.2	90.1	91.8	93.3	94.9	95.9	96.6	97.3	97.9	100.0

TOTAL NUMBER OF OBSERVATIONS: 50957

PPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	EEEEEEEEEE
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	EEEEEEEEEE
PP PP	AA AA	RR RR	TT	EE
PP PP	AA AA	RR RR	TT	EE
PPPPPPPP	AA AA	RRRRRRRRR	TT	EEEEEE
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	EEEEEE
PP	AAAAAAAAA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EE
PP	AA AA	RR RR	TT	EEEEEEEEEE
PP	AA AA	RR RR	TT	EEEEEEEEEE

PART E

TEMPERATURE AND RELATIVE HUMIDITY SUMMARIES

TEMPERATURE--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).

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

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

MONTHLY TEMPERATURES.

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

MEAN MONTHLY TEMPERATURE.

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

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.

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

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

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

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

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

SPECIAL CAVEAT: DURING PART TIME PERIODS, THESE SUMMARIES REPRESENT THE "HIGH" AND "LOW" TEMPERATURES RECORDED AND NOT NECESSARILY THE ACTUAL MAXIMUM AND MINIMUM VALUES. THESE SUMMARIES ARE INFLUENCED BY THE ABSENCE OF NIGHTTIME TEMPERATURE READINGS. THEREFORE, CERTAIN SUMMARIES MAY DEPICT A SLIGHT "WARM" BIAS.

TEMPERATURE CONVERSIONS: $F = 1.8C + 32$
 $C = K - 273.0$ (BEFORE 5 APRIL 77)
 $C = K - 273.2$ (SINCE 5 APRIL 77)

RELATIVE HUMIDITY--CUMULATIVE PERCENT OCCURRENCE FREQUENCY (POF).
CREATED FROM HOURLY OBSERVATIONS, THESE TABLES GIVE POF OF RELATIVE HUMIDITY FOR 10% INCREMENTS. MEANS AND TOTAL OBSERVATION COUNTS ARE ALSO PROVIDED. THE DATA IS SUMMARIZED AS FOLLOWS:

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 95							.2	1.5					.0
GE 90						.2	1.5	.5					.2
GE 85				.2	.5	1.5	5.4	3.9	.5				1.0
GE 80				.3	1.5	7.5	21.2	14.0	2.7				4.0
GE 75				.7	8.1	25.0	37.9	34.4	12.8	.6			10.1
GE 70			1.0	3.2	22.4	43.0	56.9	56.5	27.0	4.9			18.1
GE 65			2.6	10.2	38.8	57.8	72.4	76.0	45.4	13.2	.2		26.7
GE 60			7.3	24.7	58.7	78.5	90.2	89.4	71.9	29.8	2.1		38.2
GE 55		2.0	14.2	42.4	79.9	93.8	98.3	99.4	90.1	54.2	7.5	.7	49.1
GE 50	2.6	5.4	28.0	61.8	91.3	99.3	100.0	99.8	98.8	76.2	20.8	4.2	58.0
GE 45	9.1	19.5	49.8	78.2	97.4	100.0		100.0	99.8	90.0	41.3	14.8	67.2
GE 40	22.3	35.8	69.7	93.0	100.0				100.0	97.5	60.6	28.7	76.1
GE 35	46.5	61.4	89.3	98.6						99.7	82.5	55.0	86.3
GE 33	56.8	70.7	94.1	99.3						99.8	87.7	65.4	89.7
GE 30	73.6	83.1	97.6	99.8						100.0	94.4	80.8	94.2
GE 25	86.0	96.1	99.5	100.0							99.3	93.5	97.9
GE 20	93.3	98.7	100.0								100.0	98.6	99.2
GE 15	97.6	99.8										99.7	99.7
GE 10	99.8	100.0										100.0	100.0
GE 5	100.0												100.0
MEAN	33.4	37.1	44.9	52.7	61.9	67.4	71.3	70.8	64.6	55.3	42.3	35.8	53.3
SD	8.36	7.81	8.95	9.43	8.87	8.69	8.85	8.04	7.77	8.14	8.14	7.59	15.89
TOTAL OBS	613	539	614	587	608	600	594	620	588	631	571	589	7154

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
GE 70					.2		.2						.0
GE 65					.2	1.0	2.7	1.0	.2				.4
GE 60				.2	.7	8.5	23.2	18.5	3.2				4.6
GE 55				.5	8.7	36.5	55.7	53.9	18.7	2.5			14.9
GE 50			.7	3.4	33.4	70.7	88.6	86.3	50.3	17.4	1.8	.2	29.8
GE 45	.5	.7	4.7	16.4	64.8	92.0	98.7	97.6	78.1	40.6	7.2	2.4	42.5
GE 40	4.4	5.2	15.1	36.5	85.7	99.0	100.0	99.5	94.6	62.4	20.5	8.3	53.2
GE 35	18.8	19.9	43.8	66.4	97.0	100.0		100.0	99.7	86.1	49.9	25.3	67.8
GE 33	27.2	31.0	58.1	77.9	98.4				99.8	91.0	61.1	41.1	74.3
GE 30	45.0	53.1	74.3	93.9	99.7				100.0	97.8	77.6	57.2	83.5
GE 25	66.6	71.8	90.7	99.8	100.0					99.5	92.8	75.9	91.6
GE 20	77.2	82.9	95.1	100.0						100.0	96.8	87.1	95.0
GE 15	87.9	93.1	98.7								99.8	96.1	98.0
GE 10	94.3	97.6	99.7								100.0	99.0	99.2
GE 5	98.4	99.1	100.0									99.7	99.8
GE 0	100.0	99.8										99.8	100.0
GE -5		100.0										100.0	100.0
MEAN	26.6	28.2	33.2	37.9	46.3	52.2	55.3	54.6	49.1	42.2	34.4	29.7	41.0
SD	9.20	8.15	6.99	6.23	5.91	5.58	5.19	5.08	5.77	6.92	6.89	7.98	12.13
TOTAL OBS	613	539	614	587	608	600	594	620	588	631	571	589	7154

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

TEMP (DEG-F)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
85							.2						.0
80							.5						.0
75						.7	4.5	2.4					.6
70				.3	1.2	7.7	19.2	14.8	2.6				3.9
65				.7	5.9	28.5	45.1	40.3	12.6	1.0			11.3
60			.5	1.9	22.9	51.2	68.0	70.0	32.7	4.6	.2		21.2
55			2.8	9.2	50.0	78.3	91.9	92.6	65.3	23.3	1.9		35.0
50	.2	.4	8.1	32.9	74.5	94.5	99.5	99.2	90.6	46.8	5.6	.8	46.6
45	2.9	5.0	21.2	54.7	93.4	99.8	100.0	100.0	98.8	72.7	20.5	5.9	56.9
40	13.1	18.2	49.5	76.8	98.8	100.0			100.0	92.1	45.4	19.9	68.4
35	32.6	45.8	74.6	95.7	100.0					99.0	70.9	44.0	80.6
33	42.9	56.6	83.4	98.5						99.4	81.1	53.8	84.9
30	59.9	70.1	92.2	99.5						100.0	89.7	69.6	90.3
25	77.5	84.6	97.7	100.0							97.4	86.2	95.4
20	87.9	95.0	99.3								99.8	95.8	98.2
15	94.8	98.7	99.7								100.0	99.0	99.3
10	98.0	99.8	100.0									99.8	99.8
5	99.8	100.0										99.8	100.0
0	100.0											100.0	100.0
MEAN	30.3	32.9	39.3	45.6	54.3	60.1	63.5	63.0	57.1	49.1	38.6	33.0	47.4
SD	8.54	7.57	7.42	7.19	6.69	6.61	6.47	5.84	5.96	6.78	7.18	7.57	13.69
TOTAL OBS	613	539	614	587	608	600	594	620	588	631	571	589	7154

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										65*	60*	55*	65*
66	53	56	55	68	77	82	74	89	80	79	61	45	89
67	53	56	57	65	77	87	86	86	78	71	57	47*	87*
68	50*	49*	70	85	76	82	85	77	76	68	67	43	85*
69	45	47	56	74	85	80	92	86	77	72	61	36*	92*
70	41	49	53*	69*	72	85	85	88*	81*	71	62	47	88*
71	47	45	65	72	83	76	90*	90*	79*	68*	59*	49*	90*
72	41*	49*	65*	59*	72*	81*	90*	88*	77*	68*	59*	49*	90*
73	39*	42*	60*	64*	77*	84*	86*	86*	87*	69*	55*	42*	87*
74	50*	55*	71*	69*	71*	75*	80*	89*	77*	51*	55*	46*	89*
75	51*	53*	57*	71*	78*	80*	87*	84*	84*	64*	44*	46*	87*
76	44*	44*	60*	69*	78*	86*	93*	78*	71*	73*	51*	44*	93*
77	44*	55*	62*	66*	75*	86*	80*	82*	75*	73*	60*	44*	86*
78	39*	48*	64*	64*	75*	86*	80*	80*	71*	68*	50*	50*	86*
79	37*	44*	60*	62*	86*	84*	77*	82*	77*	72*	50*	57*	86*
80	43*	48*	61*	73*	72*	82*	81*	81*	79*	64*	55*	48*	82*
81	39*	39*	61*	66*	75*	82*	81*	81*	79*	73*	57*	46*	82*
82	48*	48*	57*	68*	79*	86*	86*	84*	81*	61*	61*	54*	86*
83	52*	52*	57*	66*	77*	91*	99*	84*	81*	73*	54*	46*	99*
84	45*	41*	55*	66*	70*	79*	91*	81*	75*	66*	55*	45*	91*
85	43*	48*	45*	70*	70*	79*	88*	88*	77*	79*	55*	55*	88*
86	48*	36*	61*	68	75	81	82	86	73	70	61	50	86*
87	50	46	54	72	73	88	84	82	81	72*	48*	54*	88*
88	50*	50*	54*	68*	77*	77*	82*	82*	79*	70*	50*	48*	82*
89	45*	50*	72*	70*	77*	79*	84*	93*	81*	72*	61*	52*	93*
90	50*	57*	68*	63*	72*	82*	81*	86*	72*	73*	55*	45*	86*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
GREATEST	53	57	72	85	86	91	99	93	87	79	67	57	99
TOTAL OBS	613	539	614	587	608	600	594	620	588	631	571	589	7154

THE GREATEST VALUE OF 99 OCCURRED ON 07/27/83

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										30*	18*	26*	18*
66	4	26	25	30	42	47	48	46	41	26	25	22	4
67	6	15	28	29	32	40	50	47	44	31	26	16*	6*
68	3*	17*	21	25	33	41	47	45	42	30	19	10	3*
69	19	8	24	26	37	42	44	46	41	33	24	4*	4*
70	15	8	14*	23*	34	45	46	44*	41*	30	28	19	8*
71	4	15	5	28	37	42	46*	50*	35*	30*	19*	21*	4*
72	8*	17*	24*	26*	39*	44*	51*	46*	30*	23*	23*	17*	8*
73	17*	14*	26*	28*	37*	44*	50*	44*	41*	24*	19*	-4*	-4*
74	28*	24*	26*	30*	33*	42*	46*	48*	37*	26*	24*	24*	24*
75	26*	19*	28*	26*	33*	37*	48*	48*	46*	32*	15*	8*	8*
76	5*	21*	15*	28*	39*	42*	46*	44*	42*	33*	28*	10*	5*
77	1*	19*	19*	26*	37*	37*	46*	46*	35*	33*	15*	10*	1*
78	12*	8*	26*	26*	28*	37*	44*	37*	37*	28*	19*	10*	8*
79	1*	17*	26*	30*	28*	50*	42*	37*	36*	25*	28*	28*	1*
80	5*	25*	25*	30*	32*	45*	43*	43*	39*	28*	18*	5*	5*
81	9*	12*	27*	27*	36*	43*	48*	43*	43*	36*	27*	14*	9*
82	1*	18*	27*	28*	34*	46*	50*	48*	45*	36*	34*	30*	1*
83	27*	10*	28*	30*	37*	45*	48*	52*	39*	30*	16*	14*	10*
84	18*	10*	21*	27*	32*	37*	46*	48*	39*	32*	28*	28*	10*
85	1*	-2*	28*	30*	36*	45*	48*	43*	37*	27*	18*	14*	-2*
86	16*	3*	23*	25	39	41	45	43	36	36	27	21	3*
87	0	5	12	32	30	46	43	45	36	32*	25*	12*	0*
88	25*	28*	19*	28*	39*	46*	48*	45*	45*	30*	14*	21*	14*
89	27*	25*	34*	36*	37*	41*	48*	46*	46*	36*	19*	18*	18*
90	18*	25*	27*	30*	36*	43*	46*	46*	41*	32*	28*	21*	18*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
LEAST	0	-2	5	23	28	37	42	37	30	23	14	-4	-4
TOTAL OBS	613	539	614	587	608	600	594	620	588	631	571	589	7154

THE LEAST VALUE OF -4 OCCURRED ON 12/03/73

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

OPERATING LOCATION 'A'
 USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
 FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
 MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
65										49*	36*	37*	40*
66	26	43	38	51	56	63	59	61	58	53	35	35	48
67	32	37	42	44	55	59	68	62	57	54	38	30*	49*
68	30*	35*	41	50	53	62	63	61	57	51	38	27	48*
69	32	28	37	46	57	59	67	63	59	52	42	24*	48*
70	29	32	34*	43*	54	65	63	64*	58*	49	42	33	47*
71	31	33	34	50	59	58	66*	66*	57*	49*	38*	37*	48*
72	28*	34*	43*	45*	53*	58*	65*	62*	53*	45*	39*	32*	47*
73	30*	32*	38*	41*	55*	63*	63*	65*	60*	46*	36*	29*	47*
74	37*	36*	44*	47*	52*	58*	61*	63*	56*	39*	39*	37*	47*
75	37*	35*	40*	45*	55*	58*	66*	66*	62*	45*	35*	31*	48*
76	33*	33*	36*	45*	56*	64*	67*	61*	55*	49*	39*	28*	47*
77	30*	37*	44*	42*	54*	60*	61*	62*	53*	49*	40*	33*	47*
78	32*	28*	41*	44*	51*	58*	61*	59*	53*	46*	35*	30*	45*
79	23*	31*	40*	42*	54*	62*	59*	60*	56*	49*	40*	39*	46*
80	27*	37*	40*	44*	52*	59*	58*	64*	59*	47*	36*	29*	46*
81	25*	28*	41*	46*	53*	59*	61*	60*	59*	50*	42*	31*	47*
82	27*	30*	41*	44*	55*	62*	67*	65*	62*	49*	45*	38*	49*
83	38*	28*	43*	46*	52*	62*	71*	67*	58*	50*	35*	31*	49*
84	32*	31*	36*	43*	50*	57*	61*	62*	53*	51*	38*	37*	46*
85	23*	26*	37*	46*	55*	58*	64*	63*	58*	48*	33*	39*	46*
86	33*	21*	38*	44	57	60	62	62	53	49	42	35	47*
87	23	31	33	49	49	59	64	63	61	47*	38*	35*	46*
88	37*	36*	36*	48*	57*	59*	64*	63*	55*	52*	38*	38*	49*
89	35*	37*	48*	47*	58*	60*	66*	66*	60*	54*	40*	35*	51*
90	32*	39*	42*	45*	57*	60*	63*	67*	55*	52*	42*	32*	49*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 107550

STATION NAME: ANSBACH ABP/KATTERBACH DL
LST TO UTC: -01

PERIOD OF RECORD: 6510-9012
MONTH: ALL HOURS: ALL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
MEAN	30.3	32.9	39.3	45.6	54.3	60.1	63.5	63.0	57.1	49.1	38.6	33.0	47.4
TOTAL OBS	613	539	614	587	608	600	594	620	588	631	571	589	7154

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	27.1	9.835	173	1	125	0	0	0	173
03-05	28.0	9.849	328	3	223	0	0	0	328
06-08	29.0	9.956	648	3	404	0	0	0	648
09-11	30.0	9.889	670	1	395	0	0	0	670
12-14	32.4	9.428	673	0	328	0	0	0	673
15-17	32.8	9.183	660	0	307	0	0	0	660
18-20	30.7	9.383	601	0	334	0	0	0	601
21-23	29.4	9.800	393	0	234	0	0	0	393
ALL HOURS	30.4	9.746	4146	8	2350	0	0	0	4146

MONTH: FEB

00-02	26.8	9.339	146	0	102	0	0	0	146
03-05	27.7	9.646	282	1	182	0	0	0	282
06-08	27.6	9.454	549	3	365	0	0	0	549
09-11	29.4	8.951	591	0	365	0	0	0	591
12-14	33.4	8.385	589	0	278	0	0	0	589
15-17	34.3	7.925	570	0	265	0	0	0	570
18-20	31.8	7.566	528	0	278	0	0	0	528
21-23	30.1	8.060	366	0	221	0	0	0	366
ALL HOURS	30.7	8.963	3621	4	2056	0	0	0	3621

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	33.1	7.961	177	0	71	0	0	0	177
03-05	34.6	8.055	343	0	117	0	0	0	343
06-08	34.8	7.403	638	0	217	0	0	0	638
09-11	39.0	8.057	676	0	119	2	0	0	676
12-14	43.1	8.547	670	0	62	11	0	0	670
15-17	43.8	8.630	645	0	54	14	0	0	645
18-20	40.4	7.822	594	0	85	2	0	0	594
21-23	37.3	7.363	444	0	111	0	0	0	444
ALL HOURS	39.1	8.741	4187	0	836	29	0	0	4187

MONTH: APR

00-02	42.0	7.110	180	0	15	0	0	0	180
03-05	39.9	5.995	404	0	45	0	0	0	404
06-08	40.9	6.311	654	0	65	0	0	0	654
09-11	47.0	7.595	676	0	14	2	0	0	676
12-14	50.9	8.776	671	0	12	35	0	0	671
15-17	51.7	9.059	618	0	7	39	0	0	618
18-20	48.4	8.138	561	0	11	7	0	0	561
21-23	44.3	6.833	534	0	24	0	0	0	534
ALL HOURS	46.3	8.771	4298	0	193	83	0	0	4298

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	49.1	6.199	186	0	3	0	0	0	186
03-05	47.6	5.457	451	0	4	0	0	0	451
06-08	49.7	5.929	676	0	1	1	0	0	676
09-11	55.5	7.273	693	0	0	61	0	0	693
12-14	58.9	8.386	695	0	0	175	0	0	695
15-17	60.0	8.853	634	0	0	201	0	0	634
18-20	56.8	8.350	556	0	0	88	0	0	556
21-23	52.1	6.780	503	0	1	9	0	0	503
ALL HOURS	54.5	8.557	4394	0	9	535	0	0	4394

MONTH: JUN

00-02	54.4	6.296	180	0	0	10	0	0	180
03-05	52.5	5.246	491	0	0	0	0	0	491
06-08	55.4	6.120	687	0	0	41	0	0	687
09-11	60.9	7.739	684	0	0	212	3	0	684
12-14	64.0	8.533	684	0	0	286	21	0	684
15-17	65.3	8.734	623	0	0	283	27	0	623
18-20	62.9	8.270	560	0	0	219	12	0	560
21-23	58.0	7.172	523	0	0	86	1	0	523
ALL HOURS	59.9	8.689	4432	0	0	1137	64	0	4432

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	57.6	5.869	188	0	0	19	0	0	188
03-05	56.4	5.155	492	0	0	14	1	0	492
06-08	59.7	5.857	672	0	0	124	1	0	672
09-11	66.3	7.400	672	0	0	367	21	0	672
12-14	70.1	8.548	672	0	0	472	91	3	672
15-17	70.9	8.992	636	0	0	454	110	6	636
18-20	67.9	8.385	586	0	0	350	44	0	586
21-23	62.4	6.888	525	0	0	187	5	0	525
ALL HOURS	64.8	8.958	4443	0	0	1987	273	9	4443

MONTH: AUG

00-02	58.0	5.874	196	0	0	17	0	0	196
03-05	57.0	5.535	543	0	0	26	0	0	543
06-08	58.4	5.661	723	0	0	66	0	0	723
09-11	65.5	7.017	720	0	0	359	16	0	720
12-14	69.4	8.005	719	0	0	499	75	1	719
15-17	70.7	8.237	710	0	0	514	109	1	710
18-20	67.0	7.508	680	0	0	406	35	0	680
21-23	61.9	6.341	634	0	0	185	1	0	634
ALL HOURS	64.3	8.568	4925	0	0	2072	236	2	4925

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	51.1	6.057	210	0	0	2	0	0	210
03-05	50.8	5.958	430	0	0	1	0	0	430
06-08	51.8	5.908	657	0	0	6	0	0	657
09-11	58.2	6.693	660	0	0	97	0	0	660
12-14	62.6	7.771	660	0	0	224	6	0	660
15-17	63.3	8.083	657	0	0	259	9	0	657
18-20	59.0	7.246	641	0	0	127	0	0	641
21-23	55.1	6.490	549	0	0	44	0	0	549
ALL HOURS	57.3	8.266	4464	0	0	760	15	0	4464

MONTH: OCT

00-02	46.1	5.575	199	0	2	0	0	0	199
03-05	45.2	6.316	366	0	9	0	0	0	366
06-08	44.6	6.880	670	0	45	0	0	0	670
09-11	49.3	7.228	671	0	15	13	0	0	671
12-14	54.4	7.770	667	0	6	63	0	0	667
15-17	54.4	7.740	659	0	4	63	0	0	659
18-20	50.3	6.969	647	0	8	12	0	0	647
21-23	47.9	6.433	498	0	6	0	0	0	498
ALL HOURS	49.6	8.004	4377	0	95	151	0	0	4377

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OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	38.4	5.728	195	0	36	0	0	0	195
03-05	37.1	6.640	350	0	85	0	0	0	350
06-08	36.2	6.816	594	0	176	0	0	0	594
09-11	38.2	6.879	597	0	130	0	0	0	597
12-14	41.7	7.439	613	0	67	0	0	0	613
15-17	41.6	7.401	611	0	67	0	0	0	611
18-20	39.1	6.799	550	0	96	0	0	0	550
21-23	37.8	6.544	418	0	97	0	0	0	418
ALL HOURS	39.0	7.156	3928	0	754	0	0	0	3928

MONTH: DEC

00-02	33.5	6.637	112	0	47	0	0	0	112
03-05	34.3	7.401	297	0	107	0	0	0	297
06-08	33.7	7.865	623	0	238	0	0	0	623
09-11	34.4	7.390	635	0	237	0	0	0	635
12-14	36.6	6.904	626	0	187	0	0	0	626
15-17	36.6	6.842	614	0	187	0	0	0	614
18-20	34.9	7.206	515	0	169	0	0	0	515
21-23	34.0	7.505	331	0	121	0	0	0	331
ALL HOURS	35.0	7.399	3753	0	1293	0	0	0	3753

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	44.0	12.683	2142	1	401	48	0	0	2142
03-05	44.5	11.950	4777	4	772	41	1	0	4777
06-08	44.1	12.986	7791	6	1511	238	1	0	7791
09-11	48.3	15.025	7945	1	1275	1113	40	0	7945
12-14	51.9	15.551	7939	0	940	1765	193	4	7939
15-17	52.4	15.865	7637	0	891	1827	255	7	7637
18-20	49.6	15.199	7019	0	981	1211	91	0	7019
21-23	47.7	13.416	5718	0	815	511	7	0	5718
ALL HOURS	48.4	14.775	50968	12	7586	6754	588	11	50968

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	26.0	9.470	173	130	0	0	0	0	173
03-05	26.8	9.452	328	243	0	0	0	0	328
06-08	27.8	9.511	648	454	0	0	0	0	648
09-11	28.6	9.432	670	438	0	0	0	0	670
12-14	30.5	8.886	673	395	2	0	0	0	673
15-17	30.7	8.735	660	382	3	0	0	0	660
18-20	29.2	9.017	601	379	2	0	0	0	601
21-23	28.2	9.433	393	257	0	0	0	0	393
ALL HOURS	28.9	9.305	4146	2678	7	0	0	0	4146

MONTH: FEB

00-02	25.6	9.250	146	105	0	0	0	0	146
03-05	26.5	9.450	282	201	0	0	0	0	282
06-08	26.4	9.179	549	408	0	0	0	0	549
09-11	27.8	8.644	591	399	0	0	0	0	591
12-14	30.5	7.916	589	345	0	0	0	0	589
15-17	31.2	7.361	570	312	0	0	0	0	570
18-20	29.6	7.428	528	322	0	0	0	0	528
21-23	28.4	7.975	366	240	0	0	0	0	366
ALL HOURS	28.7	8.460	3621	2332	0	0	0	0	3621

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	31.4	7.644	177	91	0	0	0	0	177
03-05	32.7	7.546	343	148	0	0	0	0	343
06-08	32.9	6.914	638	282	2	0	0	0	638
09-11	35.9	7.076	676	183	23	0	0	0	676
12-14	38.4	6.999	670	124	38	0	0	0	670
15-17	38.6	7.018	645	113	37	0	0	0	645
18-20	36.6	6.763	594	137	19	0	0	0	594
21-23	34.6	6.744	444	161	5	0	0	0	444
ALL HOURS	35.7	7.401	4187	1239	124	0	0	0	4187

MONTH: APR

00-02	39.6	6.613	180	18	11	0	0	0	180
03-05	37.8	5.886	404	70	6	0	0	0	404
06-08	38.4	5.787	654	116	11	0	0	0	654
09-11	42.3	6.197	676	31	96	0	0	0	676
12-14	44.1	6.538	671	17	155	0	0	0	671
15-17	44.5	6.500	618	14	152	0	0	0	618
18-20	42.9	6.312	561	23	102	0	0	0	561
21-23	40.8	5.911	534	44	49	0	0	0	534
ALL HOURS	41.7	6.654	4298	333	582	0	0	0	4298

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550 STATION NAME: ANSBACH AHP/KATTERBACH DL PERIOD OF RECORD: JAN 82 - DEC 91
 LST TO UTC: - 1 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	47.3	6.252	186	3	65	0	0	0	186
03-05	45.5	5.425	451	5	114	0	0	0	451
06-08	47.0	5.514	676	3	230	0	0	0	676
09-11	50.4	5.879	693	0	400	0	0	0	693
12-14	51.7	6.138	695	0	443	0	0	0	695
15-17	52.0	6.135	634	0	417	2	0	0	634
18-20	50.7	6.122	556	0	338	0	0	0	556
21-23	48.3	5.796	503	1	220	0	0	0	503
ALL HOURS	49.5	6.297	4394	12	2227	2	0	0	4394

MONTH: JUN

00-02	52.8	6.082	180	0	122	1	0	0	180
03-05	50.7	5.445	491	0	279	0	0	0	491
06-08	52.5	5.617	687	0	471	3	0	0	687
09-11	55.1	6.051	684	0	536	21	0	0	684
12-14	56.1	6.164	684	0	576	35	1	0	684
15-17	56.7	6.003	623	0	538	31	3	0	623
18-20	55.9	5.933	560	0	463	19	1	0	560
21-23	53.7	6.038	523	0	379	8	1	0	523
ALL HOURS	54.4	6.183	4432	0	3364	118	6	0	4432

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550 STATION NAME: ANSBACH AHP/KATTERBACH DL PERIOD OF RECORD: JAN 82 - DEC 91
 LST TO UTC: - 1 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	55.2	5.185	188	0	166	5	0	0	188
03-05	54.3	4.942	492	0	409	0	0	0	492
06-08	56.4	5.077	672	0	614	11	1	0	672
09-11	59.4	5.340	672	0	648	58	3	0	672
12-14	60.5	5.391	672	0	658	99	3	0	672
15-17	60.5	5.357	635	0	622	78	1	0	635
18-20	59.3	5.275	586	0	570	53	0	0	586
21-23	57.0	5.155	525	0	487	17	0	0	525
ALL HOURS	58.2	5.677	4442	0	4174	321	8	0	4442

MONTH: AUG

00-02	55.6	5.579	196	0	159	0	0	0	196
03-05	54.3	5.240	543	0	425	0	0	0	543
06-08	55.3	5.004	723	0	626	2	0	0	723
09-11	58.9	5.263	720	0	697	44	0	0	720
12-14	60.0	5.338	719	0	706	71	2	0	719
15-17	60.0	5.091	710	0	698	60	1	0	710
18-20	58.7	5.017	680	0	652	27	0	0	680
21-23	56.6	5.055	634	0	585	9	0	0	634
ALL HOURS	57.7	5.590	4925	0	4548	213	3	0	4925

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	37.2	5.336	195	40	6	0	0	0	195
03-05	35.8	6.290	350	105	5	0	0	0	350
06-08	34.8	6.444	594	207	4	0	0	0	594
09-11	36.4	6.360	597	159	9	0	0	0	597
12-14	38.9	6.565	613	92	35	0	0	0	613
15-17	38.9	6.598	611	97	39	0	0	0	611
18-20	37.3	6.416	550	135	18	0	0	0	550
21-23	36.2	6.231	418	119	8	0	0	0	418
ALL HOURS	37.0	6.514	3928	954	124	0	0	0	3928

MONTH: DEC

00-02	32.1	6.558	112	68	0	0	0	0	112
03-05	32.9	7.008	297	136	2	0	0	0	297
06-08	32.2	7.470	623	292	4	0	0	0	623
09-11	32.8	7.031	635	289	3	0	0	0	635
12-14	34.4	6.552	626	228	4	0	0	0	626
15-17	34.4	6.547	614	233	3	0	0	0	614
18-20	33.2	6.905	515	228	3	0	0	0	515
21-23	32.6	7.219	331	152	0	0	0	0	331
ALL HOURS	33.3	6.970	3753	1626	19	0	0	0	3753

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	42.3	12.300	2142	459	669	6	0	0	2142
03-05	42.7	11.564	4777	928	1514	0	0	0	4777
06-08	41.9	12.239	7791	1823	2429	16	1	0	7791
09-11	44.4	12.961	7945	1523	3168	128	3	0	7945
12-14	46.2	12.547	7939	1208	3522	218	6	0	7939
15-17	46.3	12.493	7636	1157	3391	187	5	0	7636
18-20	45.0	12.568	7019	1240	2901	108	1	0	7019
21-23	44.4	11.992	5718	991	2249	35	1	0	5718
ALL HOURS	44.4	12.500	50967	9329	19843	698	17	0	50967

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	23.0	10.997	173	105	13	173	0	173
03-05	24.1	10.523	328	190	28	328	0	328
06-08	25.0	10.555	648	346	70	648	0	648
09-11	25.6	10.719	670	340	86	670	0	670
12-14	26.8	10.354	673	320	109	673	0	673
15-17	27.0	10.267	660	299	115	660	0	660
18-20	26.3	10.203	601	287	85	601	0	601
21-23	25.4	10.620	393	208	43	393	0	393
ALL HOURS	25.8	10.540	4146	2095	549	4146	0	4146

MONTH: FEB

00-02	22.6	10.936	146	87	8	146	0	589
03-05	23.7	10.827	282	152	26	282	0	589
06-08	23.5	10.320	549	318	34	549	0	589
09-11	24.1	10.005	591	326	45	591	0	589
12-14	25.1	9.929	589	313	61	589	0	589
15-17	25.4	9.688	570	302	63	570	0	589
18-20	25.1	9.475	528	283	46	528	0	589
21-23	24.6	9.722	366	198	33	366	0	589
ALL HOURS	24.5	10.034	3621	1979	316	3621	0	3621

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH ARP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	28.3	8.861	177	72	32	177	0	177
03-05	29.5	8.365	343	134	64	343	0	343
06-08	29.6	7.718	638	251	115	638	0	638
09-11	31.4	7.977	676	197	178	676	0	676
12-14	32.0	8.047	670	194	213	670	0	670
15-17	31.7	8.091	645	201	203	645	0	645
18-20	31.1	7.963	594	204	157	594	0	594
21-23	30.3	7.848	444	168	101	444	0	444
ALL HOURS	30.8	8.124	4187	1421	1063	4187	0	4187

MONTH: APR

00-02	36.7	7.440	180	21	99	180	0	671
03-05	35.1	7.108	404	64	175	404	0	671
06-08	35.1	6.828	654	98	267	654	0	671
09-11	36.7	7.202	676	76	338	676	0	671
12-14	36.5	7.516	671	91	340	671	0	671
15-17	36.4	7.707	618	89	310	615	0	671
18-20	36.5	7.515	561	66	292	561	0	671
21-23	36.4	7.062	534	65	271	534	0	671
ALL HOURS	36.2	7.355	4298	570	2092	4295	0	4298

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	45.4	7.065	186	0	161	170	0	186
03-05	43.4	6.294	451	4	382	439	0	451
06-08	44.5	6.265	676	0	598	658	0	676
09-11	45.7	6.589	693	0	637	664	0	693
12-14	45.3	6.863	695	2	615	660	0	695
15-17	45.0	6.976	634	2	551	605	0	634
18-20	45.1	6.918	556	0	487	528	0	556
21-23	44.7	6.707	503	0	444	482	0	503
ALL HOURS	44.9	6.749	4394	8	3875	4206	0	4394

MONTH: JUN

00-02	51.5	6.218	180	0	180	140	3	684
03-05	49.2	6.106	491	0	477	427	0	684
06-08	50.1	6.173	687	0	678	578	4	684
09-11	50.6	6.629	684	0	670	552	8	684
12-14	50.0	6.847	684	0	668	553	9	684
15-17	50.1	6.877	623	0	614	502	10	684
18-20	50.4	6.587	560	0	559	454	6	684
21-23	50.1	6.591	523	0	520	430	7	684
ALL HOURS	50.1	6.600	4432	0	4366	3636	47	4432

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	53.5	5.183	188	0	188	137	5	188
03-05	52.7	5.412	492	0	492	373	3	492
06-08	53.9	5.453	672	0	672	472	9	672
09-11	54.6	5.856	672	0	672	420	14	672
12-14	53.8	6.032	672	0	672	451	19	672
15-17	53.2	6.064	635	0	632	449	9	635
18-20	53.2	6.057	586	0	585	408	11	586
21-23	53.1	5.716	525	0	525	381	6	525
ALL HOURS	53.6	5.858	4442	0	4438	3091	76	4442

MONTH: AUG

00-02	53.8	5.958	196	0	196	117	0	719
03-05	52.1	5.813	543	0	543	394	0	719
06-08	52.9	5.397	723	0	723	506	0	719
09-11	54.1	5.875	720	0	720	448	8	719
12-14	53.2	6.222	719	0	717	458	2	719
15-17	52.4	6.094	710	0	707	506	6	719
18-20	52.6	5.989	680	0	679	483	5	719
21-23	52.5	5.866	634	0	634	449	7	719
ALL HOURS	52.9	5.971	4925	0	4919	3361	28	4925

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	48.5	6.141	210	0	204	184	0	210
03-05	47.8	5.817	430	0	418	393	0	430
06-08	48.4	5.751	657	0	643	602	0	657
09-11	50.5	5.879	660	0	659	548	1	660
12-14	50.0	6.271	660	0	651	543	2	660
15-17	49.5	6.573	657	0	643	546	2	657
18-20	49.5	6.416	641	0	633	536	0	641
21-23	49.2	6.001	549	0	544	476	0	549
ALL HOURS	49.3	6.224	4464	0	4395	3828	5	4464

MONTH: OCT

00-02	42.8	5.941	199	4	166	197	0	667
03-05	42.5	6.839	366	11	295	364	0	667
06-08	41.8	7.375	670	30	522	666	0	667
09-11	43.9	7.477	671	17	578	649	0	667
12-14	44.7	7.926	667	24	578	630	0	667
15-17	44.6	7.942	659	22	557	620	0	667
18-20	44.1	7.583	647	18	547	622	0	667
21-23	43.7	7.356	498	18	425	483	0	667
ALL HOURS	43.7	7.581	4377	144	3668	4231	0	4377

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	35.5	5.648	195	11	76	195	0	195
03-05	33.8	6.928	350	54	112	350	0	350
06-08	32.7	7.108	594	126	163	594	0	594
09-11	33.8	6.983	597	92	216	597	0	597
12-14	35.5	7.269	613	73	273	613	0	613
15-17	35.5	7.260	611	74	280	611	0	611
18-20	34.7	7.268	550	84	225	550	0	550
21-23	34.0	6.952	418	66	146	418	0	418
ALL HOURS	34.4	7.162	3928	580	1491	3928	0	3928

MONTH: DEC

00-02	29.8	7.389	112	35	23	112	0	626
03-05	30.6	7.327	297	88	63	297	0	626
06-08	29.8	7.922	623	212	115	623	0	626
09-11	30.2	7.749	635	217	127	635	0	626
12-14	31.0	7.679	626	180	143	626	0	626
15-17	31.1	7.683	614	172	169	614	0	626
18-20	30.4	7.821	515	153	119	515	0	626
21-23	30.0	8.152	331	98	74	331	0	626
ALL HOURS	30.5	7.793	3753	1155	833	3753	0	3753

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	40.2	13.178	2142	335	1346	1928	8	2142
03-05	40.6	12.342	4777	697	3075	4394	3	4777
06-08	39.5	12.831	7791	1381	4600	7188	13	7791
09-11	40.5	13.024	7945	1265	4926	7126	31	7945
12-14	40.7	12.543	7939	1197	5040	7137	32	7939
15-17	40.4	12.388	7636	1161	4844	6943	27	7636
18-20	40.4	12.534	7019	1095	4414	6380	22	7019
21-23	41.0	12.395	5718	821	3760	5187	20	5718
ALL HOURS	40.4	12.638	50967	7952	32005	46283	156	50967

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	100.0	96.5	86.7	69.9	36.4	83.3	173
03-05	100.0	100.0	100.0	100.0	100.0	98.2	89.9	74.7	31.7	84.1	328
06-08	100.0	100.0	100.0	100.0	100.0	97.8	91.2	72.7	31.3	84.1	648
09-11	100.0	100.0	100.0	100.0	99.4	95.5	87.8	68.2	30.9	82.8	670
12-14	100.0	100.0	99.9	99.4	96.6	91.5	81.7	55.9	20.4	79.2	673
15-17	100.0	100.0	99.5	99.1	95.6	90.8	81.8	53.2	18.6	78.8	660
18-20	100.0	100.0	100.0	99.7	98.8	96.2	90.3	66.7	27.1	82.7	601
21-23	100.0	100.0	100.0	100.0	100.0	98.0	91.6	70.2	34.1	83.9	393
ALL HOURS	100.0	100.0	99.9	99.7	98.5	95.1	87.2	65.1	27.4	82.0	4146

MONTH: FEB

00-02	100.0	100.0	100.0	100.0	100.0	97.9	89.7	61.0	36.3	83.1	146
03-05	100.0	100.0	100.0	100.0	100.0	98.2	89.7	67.4	34.8	83.7	282
06-08	100.0	100.0	100.0	100.0	100.0	98.9	91.3	61.2	29.0	82.9	549
09-11	100.0	100.0	100.0	100.0	97.6	93.2	82.2	51.1	22.2	79.2	591
12-14	100.0	100.0	99.5	97.6	91.0	78.4	55.2	29.7	12.4	70.8	589
15-17	100.0	100.0	99.3	96.1	88.8	70.7	51.2	31.1	11.1	69.2	570
18-20	100.0	100.0	100.0	99.1	94.9	86.7	68.8	41.1	17.0	75.1	528
21-23	100.0	100.0	100.0	100.0	98.6	92.9	82.2	45.6	22.7	78.8	366
ALL HOURS	100.0	100.0	99.8	98.9	95.5	87.7	73.2	45.7	20.7	76.7	3621

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	99.4	97.2	85.9	57.1	27.7	81.9	177
03-05	100.0	100.0	100.0	99.7	99.1	95.0	81.9	59.5	25.1	81.2	343
06-08	100.0	100.0	100.0	99.8	99.2	95.6	83.9	57.7	25.1	81.0	638
09-11	100.0	100.0	100.0	99.7	96.3	84.3	62.7	39.1	14.2	74.4	676
12-14	100.0	100.0	100.0	97.3	83.1	60.3	39.6	23.3	8.1	65.6	670
15-17	100.0	100.0	100.0	94.1	77.4	56.6	35.7	19.4	6.7	63.1	645
18-20	100.0	100.0	100.0	97.8	89.7	72.9	51.2	29.1	9.9	69.6	594
21-23	100.0	100.0	100.0	100.0	97.5	86.0	69.1	41.0	14.9	75.5	444
ALL HOURS	100.0	100.0	100.0	98.3	91.3	77.9	59.7	37.6	14.6	72.6	4187

MONTH: APR

00-02	100.0	100.0	100.0	100.0	97.8	94.4	87.2	63.3	27.2	82.1	180
03-05	100.0	100.0	100.0	99.8	99.5	94.6	87.1	70.3	29.0	82.9	404
06-08	100.0	100.0	100.0	99.8	98.0	90.4	78.9	61.2	26.1	80.1	654
09-11	100.0	100.0	99.9	96.0	85.7	70.4	51.3	29.0	10.2	68.7	676
12-14	100.0	100.0	99.0	83.8	69.6	49.0	30.1	17.1	5.2	60.0	671
15-17	100.0	99.7	95.5	82.2	65.0	44.8	32.7	18.8	4.0	58.5	618
18-20	100.0	99.8	98.0	91.6	78.3	62.9	45.8	27.1	7.8	65.7	561
21-23	100.0	100.0	100.0	98.3	92.3	81.3	66.5	45.1	19.1	74.8	534
ALL HOURS	100.0	99.9	98.9	92.9	83.7	70.1	55.6	37.6	14.2	69.9	4298

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO										TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	
00-02	100.0	100.0	100.0	100.0	100.0	99.5	95.2	78.5	43.5	87.6	186
03-05	100.0	100.0	100.0	100.0	100.0	99.6	91.4	74.1	40.1	85.9	451
06-08	100.0	100.0	100.0	99.9	99.6	97.2	88.0	65.1	32.0	83.2	676
09-11	100.0	100.0	100.0	98.7	92.2	73.3	53.8	33.8	11.5	71.1	693
12-14	100.0	100.0	99.0	92.2	76.1	53.2	34.5	21.2	5.8	62.9	695
15-17	100.0	100.0	97.2	87.9	68.5	46.2	30.3	19.7	6.0	60.3	634
18-20	100.0	100.0	99.6	93.9	79.3	62.4	46.2	31.8	12.9	67.5	556
21-23	100.0	100.0	100.0	99.4	95.6	84.3	71.2	49.9	25.8	77.6	503
ALL HOURS	100.0	100.0	99.4	95.9	87.3	73.6	59.3	42.2	19.1	72.6	4394

MONTH: JUN

00-02	100.0	100.0	100.0	100.0	100.0	100.0	94.4	88.3	55.6	90.2	180
03-05	100.0	100.0	100.0	100.0	99.8	98.6	96.7	83.3	50.3	88.9	491
06-08	100.0	100.0	100.0	100.0	99.3	96.7	87.5	62.7	28.5	82.9	687
09-11	100.0	100.0	100.0	98.7	92.8	77.0	50.9	27.6	10.4	70.4	684
12-14	100.0	100.0	98.8	94.3	77.3	53.1	31.9	14.0	6.1	62.5	684
15-17	100.0	100.0	98.7	90.0	71.4	47.5	28.7	13.6	3.9	60.2	623
18-20	100.0	100.0	99.8	95.2	81.4	61.1	42.1	22.3	7.3	65.9	560
21-23	100.0	100.0	100.0	99.8	96.0	86.0	70.0	45.7	18.5	76.7	523
ALL HOURS	100.0	100.0	99.6	96.9	88.4	74.6	58.5	39.1	18.5	72.7	4432

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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	96.3	76.1	35.1	86.9	188
03-05	100.0	100.0	100.0	100.0	99.8	99.4	95.7	82.7	40.7	87.7	492
06-08	100.0	100.0	100.0	100.0	99.7	96.7	85.4	60.4	24.9	82.1	672
09-11	100.0	100.0	100.0	99.0	91.7	68.2	41.8	19.5	6.0	67.5	672
12-14	100.0	99.9	99.0	92.6	67.1	42.9	21.9	10.0	3.9	58.4	672
15-17	100.0	100.0	97.8	83.5	59.4	35.7	20.9	12.9	4.7	56.3	635
18-20	100.0	100.0	99.0	92.7	73.7	50.2	30.0	17.7	7.0	61.9	586
21-23	100.0	100.0	100.0	99.8	95.2	79.2	56.4	33.7	13.3	73.3	525
ALL HOURS	100.0	100.0	99.5	95.4	83.9	67.8	50.9	34.2	14.4	69.7	4442

MONTH: AUG

00-02	100.0	100.0	100.0	100.0	100.0	100.0	93.4	71.9	37.2	86.5	196
03-05	100.0	100.0	100.0	100.0	99.8	99.1	89.5	70.2	29.8	84.4	543
06-08	100.0	100.0	100.0	100.0	99.6	97.0	87.6	66.4	23.2	82.9	723
09-11	100.0	100.0	100.0	99.2	91.4	71.9	42.6	21.1	4.3	68.0	720
12-14	100.0	100.0	99.4	90.1	68.7	41.3	22.5	10.7	2.6	58.3	719
15-17	100.0	100.0	99.3	82.5	54.4	33.1	18.2	9.7	2.5	54.7	710
18-20	100.0	100.0	99.6	93.8	75.6	50.3	31.3	16.3	5.1	62.0	680
21-23	100.0	100.0	100.0	99.4	95.3	82.2	56.6	34.5	10.6	73.0	634
ALL HOURS	100.0	100.0	99.8	95.0	83.5	68.0	50.2	33.1	11.6	69.2	4925

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: SEP

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	100.0	98.6	91.4	56.2	91.2	210
03-05	100.0	100.0	100.0	100.0	100.0	99.8	97.0	83.7	54.9	89.7	430
06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.0	83.1	50.1	88.8	657
09-11	100.0	100.0	100.0	99.8	98.5	88.6	69.1	43.8	16.5	76.8	660
12-14	100.0	100.0	99.8	97.7	85.0	57.6	37.6	19.2	7.9	65.2	660
15-17	100.0	100.0	99.7	96.3	75.6	50.2	33.3	15.7	8.5	62.9	657
18-20	100.0	100.0	100.0	99.2	94.2	74.1	55.7	33.5	13.1	72.2	641
21-23	100.0	100.0	100.0	100.0	99.6	94.4	82.1	58.5	26.8	81.5	549
ALL HOURS	100.0	100.0	99.9	99.0	93.1	80.2	67.0	48.2	25.3	76.7	4464

MONTH: OCT

00-02	100.0	100.0	100.0	100.0	100.0	100.0	96.5	84.4	49.7	88.5	199
03-05	100.0	100.0	100.0	100.0	100.0	100.0	99.2	87.4	59.8	90.6	366
06-08	100.0	100.0	100.0	100.0	100.0	100.0	98.1	84.8	57.5	90.0	670
09-11	100.0	100.0	100.0	100.0	99.0	94.0	85.2	62.3	33.1	82.5	671
12-14	100.0	100.0	99.9	97.9	90.0	74.8	56.2	33.3	12.4	71.4	667
15-17	100.0	100.0	99.7	97.3	89.5	75.6	57.2	33.5	12.3	71.1	659
18-20	100.0	100.0	100.0	100.0	98.9	92.0	80.2	56.6	24.9	80.2	647
21-23	100.0	100.0	100.0	100.0	100.0	98.6	91.0	74.9	38.8	85.7	498
ALL HOURS	100.0	100.0	99.9	99.3	96.6	90.2	80.1	60.7	33.0	81.2	4377

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									MEAN	TOTAL OBS
	10%	20%	30%	40%	50%	60%	70%	80%	90%		
00-02	100.0	100.0	100.0	100.0	100.0	100.0	99.0	89.2	48.7	89.1	195
03-05	100.0	100.0	100.0	99.7	99.7	99.4	97.1	82.9	46.0	87.4	350
06-08	100.0	100.0	100.0	99.5	99.5	98.8	96.0	79.6	44.4	86.7	594
09-11	100.0	100.0	100.0	100.0	98.7	97.7	91.8	74.7	35.5	84.4	597
12-14	100.0	100.0	100.0	98.5	97.7	92.5	78.8	56.3	22.8	79.0	613
15-17	100.0	100.0	100.0	99.3	97.7	93.1	83.0	55.3	21.6	79.5	611
18-20	100.0	100.0	100.0	100.0	99.6	96.4	90.0	73.3	32.4	84.1	550
21-23	100.0	100.0	100.0	100.0	100.0	98.3	92.8	78.9	36.8	85.7	418
ALL HOURS	100.0	100.0	100.0	99.6	98.9	96.5	89.7	71.3	34.0	83.8	3928

MONTH: DEC

00-02	100.0	100.0	100.0	100.0	100.0	99.1	97.3	77.7	34.8	85.9	112
03-05	100.0	100.0	100.0	100.0	100.0	99.3	97.6	77.1	38.0	86.0	297
06-08	100.0	100.0	100.0	100.0	100.0	99.7	97.0	76.4	33.7	85.3	623
09-11	100.0	100.0	100.0	100.0	99.8	99.1	93.7	71.2	30.6	84.2	635
12-14	100.0	100.0	100.0	99.4	98.4	94.1	83.1	55.3	21.2	79.8	626
15-17	100.0	100.0	100.0	99.5	98.7	94.6	84.0	59.3	23.6	80.5	614
18-20	100.0	100.0	100.0	100.0	99.0	97.1	91.5	67.0	29.9	83.2	515
21-23	100.0	100.0	100.0	100.0	99.1	97.6	91.5	78.5	38.1	85.1	331
ALL HOURS	100.0	100.0	100.0	99.8	99.3	97.2	90.8	68.2	29.7	83.2	3753

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
 FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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	100.0	99.8	98.8	93.5	76.3	41.3	86.6	2142
03-05	100.0	100.0	100.0	99.9	99.8	98.5	92.8	76.5	40.3	86.2	4777
06-08	100.0	100.0	100.0	99.9	99.6	97.3	90.0	69.2	33.7	84.2	7791
09-11	100.0	100.0	100.0	99.2	95.1	84.0	67.0	44.4	18.4	75.6	7945
12-14	100.0	100.0	99.5	94.9	83.0	65.0	47.0	28.3	10.5	67.5	7939
15-17	100.0	100.0	98.9	92.2	78.2	61.2	46.0	28.2	10.2	66.1	7636
18-20	100.0	100.0	99.7	96.9	88.5	74.8	59.7	39.7	16.0	72.3	7019
21-23	100.0	100.0	100.0	99.7	97.2	89.1	75.1	53.1	23.9	78.8	5718
ALL HOURS	100.0	100.0	99.7	97.4	91.3	81.0	67.7	48.0	21.6	75.6	50967

PPPPPPP	AAAAAA	RRRRRRR	TTTTTTTT	FFFFFFFF
PPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	FFFFFFFFF
PP PP	AA AA	RR RR	TT	FF
PP PP	AA AA	RR RR	TT	FF
PPPPPPP	AA AA	RRRRRRR	TT	FFFFFF
PPPPPPP	AAAAAAAA	RRRRRRR	TT	FFFFFF
PP	AAAAAAAA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF
PP	AA AA	RR RR	TT	FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.

IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.

IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	30.05	29.97	29.99	29.93	30.03	30.02	30.07	30.02	30.14	30.05	30.14	30.05	30.04
	SD	.342	.246	.264	.249	.155	.172	.131	.126	.178	.281	.292	.288	.237
	TOT OBS	55	44	54	60	62	60	63	65	67	47	52	30	659
0400	MEAN	30.15	29.99	30.00	29.88	30.07	30.00	30.07	30.04	30.11	30.04	30.11	30.06	30.04
	SD	.345	.388	.278	.239	.178	.152	.129	.132	.175	.273	.281	.320	.245
	TOT OBS	83	79	97	100	122	143	144	153	127	108	102	74	1332
0700	MEAN	30.03	30.00	30.00	29.95	30.00	30.03	30.09	30.06	30.10	30.08	30.04	30.07	30.04
	SD	.337	.364	.281	.237	.216	.156	.126	.131	.190	.266	.290	.329	.255
	TOT OBS	218	178	206	225	229	229	224	240	219	223	198	211	2600
1000	MEAN	30.06	30.03	30.01	29.96	30.01	30.03	30.10	30.08	30.11	30.10	30.06	30.09	30.05
	SD	.340	.358	.280	.237	.215	.155	.128	.133	.193	.262	.291	.331	.256
	TOT OBS	224	197	226	226	230	228	224	240	220	224	199	212	2650
1300	MEAN	30.05	30.02	30.00	29.94	30.00	30.02	30.08	30.06	30.10	30.08	30.04	30.08	30.04
	SD	.345	.351	.281	.234	.211	.154	.123	.128	.192	.259	.287	.330	.254
	TOT OBS	224	196	223	224	232	228	224	240	220	222	205	209	2647
1600	MEAN	30.04	30.00	29.98	29.92	29.97	30.02	30.07	30.05	30.08	30.06	30.04	30.08	30.03
	SD	.343	.343	.279	.228	.205	.151	.122	.124	.190	.258	.281	.323	.253
	TOT OBS	221	196	221	203	209	205	207	237	219	220	204	206	2548
1900	MEAN	30.05	30.02	29.99	29.93	29.97	30.01	30.07	30.05	30.09	30.07	30.06	30.09	30.03
	SD	.350	.345	.284	.225	.196	.151	.121	.123	.188	.266	.283	.335	.253
	TOT OBS	204	176	198	191	193	191	202	233	219	216	183	173	2379
2200	MEAN	30.05	30.01	30.02	29.95	29.99	30.04	30.09	30.07	30.11	30.08	30.08	30.08	30.05
	SD	.347	.348	.281	.230	.198	.156	.117	.124	.181	.266	.282	.318	.249
	TOT OBS	162	153	168	178	167	175	178	213	181	194	163	140	2072
ALL HOURS	MEAN	30.05	30.01	30.00	29.94	30.00	30.02	30.08	30.06	30.10	30.07	30.06	30.08	30.04
	SD	.344	.351	.280	.234	.205	.155	.125	.129	.188	.265	.287	.327	.252
	TOT OBS	1391	1219	1393	1407	1444	1459	1466	1621	1472	1454	1306	1255	16887

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
0100	MEAN	28.42	28.34	28.35	28.29	28.38	28.39	28.44	28.39	28.50	28.42	28.51	28.41	28.40
	SD	.331	.233	.256	.246	.144	.165	.125	.121	.170	.265	.282	.275	.229
	TOT OBS	55	44	54	60	62	60	63	65	67	48	51	30	659
0400	MEAN	28.52	28.31	28.38	28.25	28.43	28.38	28.44	28.41	28.47	28.41	28.47	28.45	28.41
	SD	.337	.360	.261	.232	.172	.146	.123	.126	.167	.263	.281	.299	.236
	TOT OBS	83	78	94	100	125	143	143	151	131	109	103	72	1332
0700	MEAN	28.40	28.37	28.37	28.32	28.37	28.39	28.45	28.43	28.46	28.44	28.41	28.43	28.40
	SD	.327	.349	.268	.229	.208	.150	.120	.125	.180	.252	.278	.314	.245
	TOT OBS	215	178	209	225	226	229	224	240	219	223	198	214	2600
1000	MEAN	28.42	28.39	28.38	28.33	28.37	28.40	28.46	28.44	28.48	28.46	28.43	28.46	28.42
	SD	.328	.342	.267	.229	.206	.149	.122	.127	.183	.249	.279	.317	.246
	TOT OBS	224	197	227	225	230	228	224	240	220	224	199	212	2650
1300	MEAN	28.41	28.38	28.37	28.31	28.36	28.39	28.45	28.43	28.46	28.44	28.41	28.44	28.41
	SD	.332	.337	.270	.226	.202	.148	.118	.123	.182	.245	.276	.316	.244
	TOT OBS	224	196	223	224	232	228	224	240	220	222	205	209	2647
1600	MEAN	28.40	28.37	28.35	28.29	28.34	28.38	28.44	28.41	28.45	28.43	28.40	28.44	28.39
	SD	.330	.328	.268	.220	.196	.146	.117	.118	.180	.245	.270	.309	.242
	TOT OBS	221	196	221	203	209	205	207	237	219	220	204	206	2548
1900	MEAN	28.42	28.39	28.36	28.30	28.34	28.38	28.43	28.41	28.45	28.44	28.43	28.45	28.40
	SD	.337	.331	.272	.218	.187	.146	.116	.117	.178	.252	.272	.320	.242
	TOT OBS	204	176	198	191	193	191	202	233	219	216	183	173	2379
2200	MEAN	28.42	28.38	28.39	28.32	28.36	28.40	28.45	28.44	28.47	28.45	28.45	28.44	28.41
	SD	.335	.333	.270	.223	.190	.150	.112	.118	.172	.252	.271	.304	.239
	TOT OBS	162	153	168	178	167	175	178	213	181	194	163	140	2072
ALL HOURS	MEAN	28.42	28.38	28.37	28.31	28.36	28.39	28.45	28.42	28.46	28.44	28.43	28.44	28.41
	SD	.333	.336	.268	.227	.196	.149	.119	.123	.178	.251	.276	.312	.242
	TOT OBS	1388	1218	1394	1406	1444	1459	1465	1619	1476	1456	1306	1256	16887

PPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	GGGGG
PPPPPPPP	AAAAAAA	RRRRRRRRR	TTTTTTTTTT	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	AAAAAAAA	RRRRRRRR	TT	GG GGG
PP	AAAAAAAA	RR RR	TT	GG GGGG
PP	AA AA	RR RR	TT	GG GG
PP	AA AA	RR RR	TT	GGGGGGG
PP	AA AA	RR RR	TT	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 OCCURENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.6			173	1.8			328	1.4	.2		648	3.4	.1		670
CATEGORY B	4.1	1.0		195	4.8	1.1		375	3.3	.8		760	5.1	1.5		779

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	3.4	.1		673	2.6	.3		660	1.8	.2		601	1.3			393
CATEGORY B	6.3	2.4		749	4.6	1.2		737	5.3	1.5		660	4.1	.7		415

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.6	.2		3252	2.3	.1		4146
CATEGORY B	4.9	1.5		3685	4.8	1.4		4670

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: FEB

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				146	1.4			282	2.4	.5		549	3.2	.2		591
CATEGORY B	1.3			150	2.7	1.0		301	4.9	1.9	.2	633	7.1	2.1		702

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	4.6	.8		589	3.0	.5		570	2.7	.8		528	1.9	.3		366
CATEGORY B	8.9	3.3	.3	676	6.9	2.5	.8	653	4.1	1.8	.4	562	3.9	1.6		382

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.2	.6		2827	2.8	.5		3621
CATEGORY B	6.5	2.3	.3	3226	5.8	2.1	.2	4059

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				177	1.5	.3		343	1.7			638	1.9			676
CATEGORY B	1.6	.5		191	2.4	.5	.3	375	2.7	1.2		745	5.9	1.3		791

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	5.5	.1		670	2.9	.2		645	3.2	.7		594	1.8			444
CATEGORY B	10.9	2.3		772	7.4	2.0	.1	701	7.0	2.7		626	5.4	1.1		466

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	3.1	.2		3223	2.7	.2		4187
CATEGORY B	6.8	1.9	.0	3635	6.1	1.6	.0	4667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AMP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: APR

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				180	.5			404	.5			654	1.5			676
CATEGORY B	1.1			188	.6	.2		465	1.8	.3		731	3.9	.1		760

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	4.6	.1		671	4.9	.5		618	3.0	.2		561	1.1	.4		534
CATEGORY B	8.5	2.2	.1	726	8.9	2.4	.3	675	5.4	1.0		591	2.7	1.1		554

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.9	.2		3180	2.3	.2		4298
CATEGORY B	5.7	1.2	.1	3483	4.6	1.0	.1	4690

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	1.1			186	.7			451	.6			676	2.2	.1		693
CATEGORY B	1.5	.5		196	1.8	1.0		492	1.1	.1		726	3.8	.9		739

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	4.2	.1		695	2.5			634	.5			556	.6			503
CATEGORY B	7.6	1.6	.1	746	5.3	1.0		673	1.2	.3		587	1.6	.2		515

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.1	.1		3254	1.7	.0		4394
CATEGORY B	3.9	.8	.0	3471	3.3	.8	.0	4674

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
MONTH: JUN

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	1.1	.6		180	.2			491	.6			687	2.5			684
CATEGORY B	1.0	.5		194	1.3	.2		555	.9	.1		754	3.6	.3		758

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	2.3			684	1.9			623	.7			560	.4			523
CATEGORY B	5.9	.4		746	3.6	.6		660	1.3	.2		593	.6			542

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	1.6			3238	1.3	.0		4432
CATEGORY B	3.1	.3		3511	2.5	.3		4802

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: JUL

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				188				492	.4			672	3.0			672
CATEGORY B				196				527	.6			721	3.8	.4		716

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	2.7			672	4.1	.3		636	1.5			586	.4			525
CATEGORY B	4.9	.6		721	7.5	2.4	.1	677	2.8	.5	.2	612	.7	.2		537

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.3	.1		3238	1.8	.0		4443
CATEGORY B	3.9	.8	.1	3447	2.9	.6	.0	4707

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: AUG

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				196	.2			543	.1			723	1.8	.1		720
CATEGORY B	.5			203	.2			581	.6	.3		782	2.6	.4		761

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	2.9	.4		719	2.1			710	.3			680	.3	.2		634
CATEGORY B	5.8	1.3		757	3.5	.8		746	1.0	.1		702	.8	.2	.2	640

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	1.5	.1		3552	1.1	.1		4925
CATEGORY B	2.7	.6		3748	2.1	.4	.0	5172

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A				210				430				657	.6			660
CATEGORY B	.5	.5		219				486				749	1.0			720

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	2.7	.2		660	1.7			657				641				549
CATEGORY B	5.8	1.4		707	3.2	.6		690	.5			664	.2			571

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
CATEGORY A	1.0	.0		3275	.7	.0		4464
CATEGORY B	2.1	.4		3530	1.6	.3		4806

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.5			199	1.4			366	1.2	.1		670	2.1	.1		671
CATEGORY B	1.5	.5		204	2.0	.5		403	2.1	.5	.1	791	4.2	.7		763

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	3.7	.3		667	1.8			659	.9			647	1.4	.2		498
CATEGORY B	6.0	1.4		732	2.9	.7		715	3.4	.6		686	2.3	1.3		530

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.0	.1		3314	1.8	.1		4377
CATEGORY B	3.7	.8	.0	3687	3.3	.8	.0	4824

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTENBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	1.0			195	2.3			350	2.5	.3		594	2.7	1.0		597
CATEGORY B	1.0			200	5.1	1.8		391	4.1	1.7		714	5.3	2.8	.3	703

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	3.1	.7		613	2.1			611	.9			550	.2			418
CATEGORY B	5.4	2.3		706	3.9	.4		695	2.3	.8		597	.9	.2		447

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.3	.4		2965	2.0	.3		3928
CATEGORY B	4.2	1.6	.1	3415	3.8	1.4	.0	4453

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 MONTH: DEC

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

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

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800				0900 - 1100			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A				112	2.0			297	2.4	.2		623	2.5	.3		635
CATEGORY B	.9			116	5.5	.9		325	5.3	1.8		735	5.7	1.8		786

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	1.9	.3		626	1.0			614	.4			515	1.5			331
CATEGORY B	5.6	1.4		719	2.8	.4		703	3.2	.4		560	4.2	.6		356

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	1.7	.2		3013	1.7	.1		3753
CATEGORY B	4.6	1.2		3503	4.6	1.1		4300

OPERATING LOCATION "A"
 USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
 FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 080-260

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LST TO UTC: - 1

PERIOD OF RECORD: JAN 82 - DEC 91
 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			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	.4	.0		2142	.9	.0		4777	1.1	.1		7791	2.3	.2		7945
CATEGORY B	1.2	.3		2252	1.9	.5	.0	5276	2.2	.7	.0	8841	4.3	1.0	.0	8978

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000				2100 - 2300			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED (KTS)																
CATEGORY A	3.5	.3		7939	2.5	.1		7637	1.3	.1		7019	.8	.1		5718
CATEGORY B	6.8	1.7	.0	8757	5.0	1.2	.1	8325	3.1	.8	.0	7440	2.1	.6	.0	5955

TIME (LST)	0600 - 2000				ALL HOURS			
	GE10	GE15	GE25	OBS	GE10	GE15	GE25	OBS
SPEED KTS								
CATEGORY A	2.2	.2		38331	1.8	.1		50968
CATEGORY B	4.3	1.1	.0	42341	3.7	1.0	.0	55824

PPPPPPPP	AAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PPPPPPPP	AAAAAAA	RRRRRRRR	TTTTTTTTT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PP PP	AA AA	RR RR	TT	HH	HH
PPPPPPPP	AA AA	RRRRRRRR	TT	HHHHHHHH	
PPPPPPPP	AAAAAAAAA	RRRRRRRR	TT	HHHHHHHH	
PP	AAAAAAAAA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH
PP	AA AA	RR RR	TT	HH	HH

PART H

DEGREE DAY SUMMARIES

DEGREE DAYS.

CREATED FROM HOURLY OBSERVATIONS (MAX+MIN/2 WHEN AVAILABLE), THESE TABLES GIVE THE 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: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 66 - DEC 91

.....
YEARS | JAN FEB MAR APR MAY JUN JUL AUG SEP OCT NOV DEC ANN
.....

1986 | **** **** **** 632 239 192 136 135 341 480 687 **** 2842
1987 | 1275 938 981 470 472 197 102 102 **** **** **** **** 4537

.....
MEAN | 1275 938 981 551 355 194 119 118 341 480 687
SD | 114.55 164.76 3.54 24.04 23.33

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

STATION NUMBER: 107550

STATION NAME: ANSBACH AHP/KATTERBACH DL
LST TO UTC: - 1

PERIOD OF RECORD: JAN 66 - DEC 91

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1986	****	****	****		2	45	44	45	2			****	138
1987						18	63	37	****	****	****	****	118
MEAN					1	31	53	41	2				
SD					1.41	19.09	13.44	5.66					

H - 3 - 1

A W S
LIMITED
CLIMATIC BRIEF

STATION NAME: ANSBACH AHP/KATTERBACH DL
 LATITUDE/LONGITUDE: 49 19 N 010 38 E
 HOURLY OBS POR: JAN 82 - DEC 91 (PART TIME EXCEPT APR 86 - AUG 87)
 SUMMARY OF DAY POR: OCT 65-DEC 91 (PART TIME EXCEPT APR 86 - AUG 87)
 HOURS SUMMARIZED: 0000 - 2300 LST
 LST TO UTC: -01

FIELD ELEV: 1532 FT
 STATION MSC: 107550
 CALL SIGN: EDEB

SUPERSEDES: SEP 84

MAY 92

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR
EXTRM MAX TEMP (F)	53	57	72	85	86	91	99	93	87	79	67	57	99	25
MEAN MAX TEMP (F)	33	37	45	53	62	67	71	71	65	55	42	36	53	25
MEAN TEMP (F)	30	33	39	46	54	60	64	63	57	49	39	33	47	25
MEAN MIN TEMP (F)	27	28	33	38	46	52	55	55	49	42	34	30	41	25
EXTRM MIN TEMP (F)	0	-2	5	23	28	37	42	37	30	23	14	-4	-4	25
D/W TEMP GE 80 (F)	0	0	0	#	1	2	7	4	1	0	0	0	15	25
D/W TEMP GE 70 (F)	0	0	1	1	7	13	18	18	8	1	0	0	67	25
D/W TEMP LT 33 (F)	23	19	13	7	1	0	0	0	#	3	12	18	96	25
D/W TEMP LT 20 (F)	7	5	1	0	0	0	0	0	0	0	1	4	18	25
HEATING DEGREE DAYS	1275	938	981	551	355	194	119	118	341	480	687	0	6039	26
COOLING DEGREE DAYS	0	0	0	0	1	31	53	41	2	0	0	0	128	26
MEAN DEWPOINT TEMP (F)	25	24	30	36	44	50	53	52	49	43	34	30	40	10
MEAN WET BULB TEMP (F)	28	28	35	41	49	54	58	57	52	46	37	33	44	10
99.95% WCPA (FT)	2500	2550	2350	2250	2100	1950	1800	1800	1950	2250	2350	2450	2200	10
MEAN REL HUM 07 LST(%)	84.1	82.9	81.0	80.1	83.2	82.9	82.1	82.9	88.8	90.0	86.7	85.3	84.2	10
MEAN REL HUM 13 LST(%)	79.2	70.8	65.6	60.0	62.9	62.5	58.4	58.3	65.2	71.4	79.0	79.8	67.5	10
MAX 24HR PRECIP (IN)	1.15	1.43	.78	1.18	1.49	1.71	2.60	1.67	1.91	1.90	1.19	1.03	2.60	26
MAX PRECIP (IN)	2.65	3.29	5.76	2.82	5.12	5.20	4.82	5.95	4.73	5.47	3.49	3.61	30.14	26
MEAN PRECIP (IN)	1.53	1.49	1.31	1.17	2.30	2.41	2.55	3.69	1.82	1.96	1.23	2.17	23.63	26
MIN PRECIP (IN)	.48	.49	.54	.52	1.13	1.04	.75	2.94	.23	.65	.40	1.15	14.90	26
D/W PRECIP GE .01 (IN)	16	13	14	13	16	15	13	13	11	11	14	17	166	26
D/W PRECIP GT .50 (IN)	1	1	1	1	1	1	2	1	1	1	1	1	13	26
MAX 24HR SNFL (IN)	7.0	6.2	7.1	10.5	.1	0	0	0	0	.2	7.9	5.0	10.5	26
MAX SNFL (IN)	20.7	15.8	22.0	18.2	.1	0	0	0	0	.2	12.8	26.8	57.3	26
MEAN SNFL (IN)	7.2	7.8	6.0	1.1	#	0	0	0	0	#	2.0	*	*	26
D/W SNFL GE .1 (IN)	8	6	4	2	#	0	0	0	0	#	3	7	30	26
D/W SNFL GE 1.5 (IN)	2	2	1	1	0	0	0	0	0	0	1	2	9	26
MAX DLY SNO DEPTH (IN)	13	8	14	10	#	0	0	0	0	0	8	10	14	26
PRVING WND DIR (DEG)	26-28	26-28	26-28	26-28	26-28	26-28	26-28	26-28	\$26-28	\$26-28	17-19	26-28	26-28	10
MEAN WND SPD (KTS)	7	6	6	6	5	5	5	5	4	5	6	7	5	10
MAX WND SPD (KTS)	54	50	68	60	43	45	46	50	41	42	59	48	68	21
SKY COVER GT 5/10 (%)	*	*	*	*	*	*	*	*	*	*	*	*	*	*
D/W THUNDERSTORMS	#	1	1	1	3	4	4	3	1	1	1	1	21	26
D/W POG (VSBY LT 7 MI)	24	21	21	19	17	17	17	20	23	25	23	24	251	26

LEGEND: ANN = ANNUAL

D/W = MEAN NUMBER OF DAYS WITH

= BASED ON LESS THAN FULL MONTHS

** = INSTANTANEOUS PEAK WINDS

* = DATA NOT AVAILABLE

POR/YOR = PERIOD/YEARS OF RECORD

WCPA = WORST CASE MAXIMUM PRESSURE ALTITUDE

= LESS THAN 0.5 DAYS OR TRACE AS APPLICABLE

\$ = PERCENTAGE OF CALM WINDS GREATER THAN OR EQUAL TO MEAN WIND DIRECTION

PERCENT OCCURRENCE FREQUENCY OF CEILING AND VISIBILITY

MONTH	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN	YOR	
LST															
00 - 02	59.5	57.5	29.9	27.8	19.9	20.0	3.7	11.7	17.6	30.8	43.1	58.6	31.7	10	
03 - 05	67.1	60.6	40.9	32.9	26.8	30.1	15.4	19.7	33.0	44.9	58.0	59.9	40.8	10	
CIG	06 - 08	63.2	63.9	50.5	38.4	30.0	28.1	20.4	26.7	46.0	58.7	66.5	61.8	46.2	10
LT 3000 FT	09 - 11	62.4	61.3	46.0	27.4	23.8	20.3	11.8	9.9	28.6	44.1	60.3	61.7	38.1	10
AND/OR	12 - 14	57.1	48.7	36.3	25.0	17.8	13.0	7.3	6.7	14.9	28.0	48.6	51.3	29.6	10
VSBY	15 - 17	54.2	40.0	26.7	20.4	14.0	6.7	5.0	4.2	9.6	20.2	43.4	51.3	24.6	10
LT 3 MI	18 - 20	55.1	48.7	22.1	19.3	12.1	7.1	3.2	2.6	11.1	26.6	49.1	51.1	25.7	10
	21 - 23	56.0	48.9	25.5	21.3	13.3	10.7	7.2	5.8	14.0	30.7	51.4	54.4	28.3	10
	ALL	58.9	53.0	35.5	26.4	19.9	16.8	9.8	10.7	21.9	35.6	53.2	55.9	32.0	10
LST															
00 - 02	52.6	54.8	23.7	22.2	17.7	17.2	2.1	5.1	16.2	27.3	38.5	44.1	26.8	10	
03 - 05	61.0	54.3	31.9	29.2	22.6	27.7	13.0	17.3	29.5	40.8	50.0	48.8	35.5	10	
CIG	06 - 08	53.6	55.7	41.8	35.5	25.1	24.0	19.0	23.9	40.7	53.7	58.6	50.4	40.2	10
LT 1500 FT	09 - 11	53.6	53.0	35.2	20.9	14.9	13.9	7.4	6.4	20.6	38.6	52.8	52.8	30.8	10
AND/OR	12 - 14	46.1	40.9	20.7	12.8	9.1	6.1	4.3	2.9	7.4	19.9	39.0	40.6	20.8	10
VSBY	15 - 17	42.4	31.4	13.8	9.4	6.8	4.3	2.4	1.4	4.7	12.4	35.4	39.4	17.0	10
LT 3 MI	18 - 20	47.6	39.6	17.7	11.8	8.3	5.0	1.5	1.9	7.8	21.2	41.8	40.2	20.4	10
	21 - 23	47.8	41.0	19.1	12.9	11.3	7.6	4.8	4.1	12.0	25.5	42.8	44.4	22.8	10
	ALL	49.7	45.0	25.7	18.8	14.0	12.7	7.3	8.0	17.0	29.7	45.2	45.1	25.5	10
LST															
00 - 02	36.4	41.8	16.9	16.1	12.4	9.4	2.1	1.5	13.3	21.2	29.7	28.8	19.1	10	
03 - 05	43.0	41.1	21.6	22.3	13.3	17.7	8.5	10.7	19.3	32.2	35.7	33.7	24.9	10	
CIG	06 - 08	41.3	42.3	29.2	24.9	17.3	13.5	8.3	12.4	27.4	43.9	42.9	38.8	28.5	10
LT 1000 FT	09 - 11	40.0	41.3	24.4	12.4	8.1	6.3	1.3	1.4	11.2	27.0	38.5	38.7	20.9	10
AND/OR	12 - 14	32.1	25.8	12.1	5.8	3.6	2.3	.7	1.4	3.3	11.5	26.6	29.9	12.9	10
VSBY	15 - 17	29.4	22.8	7.8	3.9	3.5	1.4	.0	.6	3.2	5.9	23.1	29.8	10.9	10
LT 2 MI	18 - 20	33.4	28.0	10.8	6.4	4.9	1.6	.7	.9	5.0	13.9	27.5	31.8	13.7	10
	21 - 23	34.9	31.7	12.2	9.0	7.0	3.4	3.0	.6	6.9	18.7	28.5	30.8	15.6	10
	ALL	35.9	33.1	16.8	11.9	8.3	6.6	3.1	3.8	10.7	21.3	31.6	33.5	17.2	10
LST															
00 - 02	9.8	11.0	1.7	1.1	1.1	.0	.0	.0	3.8	9.1	14.4	9.9	5.2	10	
03 - 05	14.0	9.9	3.2	3.2	2.2	3.1	.6	1.8	6.0	13.2	14.0	7.7	6.6	10	
CIG	06 - 08	11.8	9.5	6.1	1.5	1.5	1.0	.3	2.1	6.9	17.3	17.5	8.2	7.0	10
LT 200 FT	09 - 11	7.9	8.3	4.6	.3	.0	.0	.0	1.2	7.2	12.2	7.1	4.1	10	
AND/OR	12 - 14	4.2	4.1	1.3	.0	.0	.0	.0	.6	1.0	3.1	3.2	1.5	10	
VSBY	15 - 17	4.8	2.8	.6	.0	.0	.2	.0	.3	1.1	3.1	4.9	1.5	10	
LT 1/2 MI	18 - 20	6.5	6.1	1.0	.0	.0	.0	.0	.5	1.4	7.8	5.4	2.4	10	
	21 - 23	8.9	8.5	2.0	.0	.4	.0	.0	2.4	4.0	9.3	5.1	3.4	10	
	ALL	7.9	6.8	2.7	.6	.5	.5	.1	.5	2.4	6.2	9.5	6.0	3.5	10

HURRICANES/TROPICAL STORMS OBSERVED : NONE

REMARKS : @@@DATA FOR HOURS 0000 - 0500 LST IS IN VERY LIMITED QUANTITY. USE CAUTION WITH CIG/VSBY TABLES FOR THESE HOURS. MOST OF THE DATA IN THE HOURLY SUMMARIES IS FROM 0500 TO 2200 LST.

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