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USAFETAC/DS-88/207

SURFACE OBSERVATION CLIMATIC SUMMARIES

FOR

RICKENBACKER ANGB OH

PREPARED BY

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

FEBRUARY 1989

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APPLICATIONS CENTER

SCOTT AIR FORCE AFB, ILLINOIS, 62225-5438

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REVIEW AND APPROVAL STATEMENT

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REVIEW AND APPROVAL STATEMENT

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TIONS, UL-A

INFORMATION

REPORT DOCUMENTATION PAGE

1A. REPORT SECURITY CLASSIFICATION: UNCLASSIFIED

3. DISTRIBUTION/AVAILABILITY OF REPORT: APPROVED FOR PUBLIC RELEASE, DIST

4. PERFORMING ORGANIZATION REPORT NUMBER: USAFETAC/DS-88/207

6A. NAME OF PERFORMING ORGANIZATION: OPERATING LOCATION A, USAFETAC

6B. OFFICE SYMBOL: CA

6C. ADDRESS: FEDERAL BUILDING, ASHEVILLE, NC 28801-2723

11. TITLE: SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RICKENBACKER

13A. TYPE OF REPORT: DATA SUMMARY

13C. TIME COVERED: AUG 1942 TO FEB 1988

14. DATE OF REPORT: FEBRUARY 1989 15. PAGE COUNT: 375

16. SUPPLEMENTARY NOTATION: EFFECTIVE 1 JULY 1988, THIS PRODUCT REPLACED T
DOCUMENTS FORMERLY KNOWN AS THE REVISED UNIFORM SUMMARY OF SURFACE WEATHER O
(RUSSWO) AND THE LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS). EX
RUSSWOS AND LISOCS WILL CONTINUE IN USE, BUT WILL EVENTUALLY BE REPLACED BY

17. COSATI CODES: FIELD--04, GROUP--02

18. SUBJECT TERMS: *CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMEN
WEATHER, CEILING, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION
SNOW, TEMPERATURE, VISIBILITY, WIND, SOCS, *RICKENBACKER ANGB OH.

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

20. DISTRIBUTION/AVAILABILITY OF ABSTRACT: APPROVED FOR PUBLIC RELEASE, DI
IS UNLIMITED.

21. ABSTRACT SECURITY CLASSIFICATION: UNCLASSIFIED

22A. NAME OF RESPONSIBLE INDIVIDUAL: WILLIAM R. BOBB

22B. TELEPHONE: 704 259-0233 AUTOVON 697-8358 22C. OFFICE SYMBOL:

DD FORM 1473

REPORT DOCUMENTATION PAGE

CURITY CLASSIFICATION: UNCLASSIFIED

ION/AVAILABILITY OF REPORT: APPROVED FOR PUBLIC RELEASE, DISTRIBUTION IS UNLIMITED.

G ORGANIZATION REPORT NUMBER: USAFETAC/DS-88/207

RFORMING ORGANIZATION: OPERATING LOCATION A, USAFETAC

MBOL: CA

EDERAL BUILDING, ASHEVILLE, NC 28801-2723

RFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) FOR RICKENBACKER ANGB OH

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D: AUG 1942 TO FEB 1988

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F LIMITED SURFACE OBSERVATIONS CLIMATIC SUMMARY (LISOCS). EXISTING
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ES: FIELD--04, GROUP--02

MS: *CLIMATOLOGY, METEOROLOGICAL DATA, ATMOSPHERIC PHENOMENA,
D, CLOUD COVER, SNOW DEPTH, HUMIDITY, PRESSURE, PRECIPITATION,
PE, VISIBILITY, WIND, SOCS, *RICKENBACKER ANGB OH.

SURFACE OBSERVATION CLIMATIC SUMMARIES (SOCS) PROVIDE STATISTICAL
IES OF SURFACE WEATHER OBSERVATIONS TAKEN AND RECORDED AT SPECIFIED
, AND FOREIGN OBSERVING STATIONS. HOURLY OBSERVATIONS ARE SUMMARIZED FROM
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CURITY CLASSIFICATION: UNCLASSIFIED

SPONSIBLE INDIVIDUAL: WILLIAM R. BOBB

: 704 259-0233 AUTOVON 697-8358 22C. OFFICE SYMBOL: OL-A/CA, USAFETAC

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PREFACE

EFFECTIVE 1 JULY 1988, THE SURFACE OBSERVATION CLIMATIC SUMMARY (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 SUMMARY" OR "SOCS" IN JULY 1988.

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

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

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INTRODUCTION

STATION PERIOD OF RECORD.

HOURLY OBSERVATIONS: MARCH 73 THROUGH FEBRUARY 88 (AIRWAYS).

SUMMARY OF DAY DATA: AUGUST 42 - SEPTEMBER 49, FEBRUARY 51 - FEBRUARY 88 (FULL TIME).

HOURS SUMMARIZED: 0000 LST THROUGH 2300 LST.

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

TERMS EXPLAINED:

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

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS USED:

AMT	AMOUNT	LT	LESS THAN
ANN	ANNUAL	M	METER
BARO	BAROMETER	MB	MILLIBAR
C	CENTIGRADE (CELSIUS)	MPS	METERS PER SECOND
DEG	DEGREE	MSL	MEAN SEA LEVEL
DB	DRY BULB TEMPERATURE	MEAS	MEASURABLE
DP	DEW POINT TEMPERATURE	NO.	NUMBER
EQ	EQUAL	OBS	OBSERVATION
F	FAHRENHEIT	OBST	OBSTRUCTION
FRZG	FREEZING	POF	PERCENT OCCURRENCE FREQUENCY
FT	FEET	PRECIP	PRECIPITATION
GE	GREATER THAN OR EQUAL TO	SD	STANDARD DEVIATION
GMT	GREENWICH MEAN TIME	SOD	SUMMARY OF DAY
GT	GREATER THAN	TEMP	TEMPERATURE
HG	INCHES OF MERCURY	TSTM	THUNDERSTORM
HT	HEIGHT	VSBY	VISIBILITY
KTS	KNOTS	VSN	VISION
LE	LESS THAN OR EQUAL TO	WB	WET BULB TEMPERATURE
LST	LOCAL STANDARD TIME	WEAN	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 1968

STATION NO. ON SUMMARY	STATION NAME	LATITUDE	LONGITUDE	FLD ELEV (F
724285	RICKENBACKER ANGB OH/COLUMBUS	N 39 49	W 082 56	744

STATION LOCATION AND INSTRUMENTATION HISTORY

NMBR OF LOC	GEOGRAPHICAL LOCATION & NAME	TYPE OF STATION	AT THIS LOCATION FROM	AT THIS LOCATION TO	LATITUDE	LONGITUDE
1	LOCKBOURNE AAB/COLUMBUS OH	AAF	JUL 42	MAY 48	N 39 49	W 082 56
2	LOCKBOURNE AFB, OH (STN CLOSED 30 SEP 49)	AFB	JUN 48	SEP 49	SAME	SAME
3	SAME (RE-ACT 21 MAR 50)	SAME	MAR 50	FEB 51	SAME	SAME
4	SAME	SAME	FEB 51	APR 53	SAME	SAME
5	SAME	SAME	APR 53	MAY 74	SAME	SAME
6	RICKENBACKER AFB OH	SAME	MAY 74	APR 80	SAME	SAME
7	RICKENBACKER ANGB OH	ANGB	APR 80	JAN 86	SAME	SAME

NMBR OF LOC	DATE OF CHANGE	SURFACE WIND EQUIPMENT INFORMATION: LOCATION	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND
1	APR 53	ON TOP OF TOWER	SELSYN	ML-144	92 FT
2	APR 54	ATOP RADEOPS TOWER	SAME	SAME	82 FT
3	MAR 55	SAME	SAME	SAME	115 FT
4	MAR 56	750' SE CTRLINE OF RNWY	AN/GMQ-11	RD-2	15 FT
5	MAR 57	SAME	SAME	SAME	13.6 FT
6	MAR 61	1400' SW RNWY 23, 500' NW CTRLN	SAME	SAME	SAME
7	FEB 63	1. 1300' FROM END AND 500' L OF CTRLINE RNWY 23L 2. 1000' FROM END AND 500' R OF CTRLINE RNWY 05R	SAME	SAME	SAME
8	JUL 70	1627: SAME	AN/GMQ-20	RD-362	SAME
9	JAN 82	1. 1500' FROM E.O RNWY 23L, 500' FROM CTRLINE 2. 1000' FROM END RNWY 05R, 500' FROM CTRLINE	SAME	SAME	13.5 FT
10	JAN 86	SAME	SAME	SAME	SAME

ME	LATITUDE	LONGITUDE	FLD ELEV (FT)	CALL SIGN	WMO NMBR
JH/COLUMBUS	N 39 49	W 082 56	744	LCK	

STATION LOCATION AND INSTRUMENTATION HISTORY

ME	TYPE OF STATION	AT THIS LOCATION FROM	TO	LATITUDE	LONGITUDE	ELEV ABOVE MSL FLD (FT)	BARO (FT)	OBS PER DAY
	AAF	JUL 42	MAY 48	N 39 49	W 082 56	738	741	24
	AFB	JUN 48	SEP 49	SAME	SAME	SAME	SAME	24
	SAME	MAR 50	FEB 51	SAME	SAME	SAME	N/A	NONE
	SAME	FEB 51	APR 53	SAME	SAME	SAME	741	24
	SAME	APR 53	MAY 74	SAME	SAME	SAME	744	24
	SAME	MAY 74	APR 80	SAME	SAME	744	744	24
	ANG?	APR 80	JAN 83	SAME	SAME	SAME	SAME	24

IND EQUIPMENT INFORMATION

	TYPE OF TRANSMITTER	TYPE OF RECORDER	HT ABOVE GROUND	REMARKS, ADDITIONAL EQUIPMENT, OR REASON FOR CHANGE
	SELSYN	ML-144	82 FT	
	SAME	SAME	82 FT	
	SAME	SAME	115 FT	
RNWY	AN/GMQ-11	RQ-2	15 FT	
	SAME	SAME	13.6 FT	
500' NW CTRLN	SAME	SAME	SAME	
AND 500' L OF	SAME	SAME	SAME	
AND 500' R OF	SAME	SAME	SAME	
	AN/GMQ-20	RQ-362	SAME	
RNWY 23L,	SAME	SAME	13.5 FT	
RNWY 05R,	SAME	SAME	SAME	
	SAME	SAME	SAME	

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 1963, SNOW PELLETS BECAME KNOWN AS SMALL HAIL.

HAIL: ALL OCCURRENCES OF HAIL.

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

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

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

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

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

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

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

SPECIFIED PHENOMENA--PERCENT OCCURRENCE FREQUENCY.

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

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

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

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

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

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMEN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 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
00-02		6.0	.6	14.9		21.6	16.3	4.2	3.1		45.3
03-05		5.4	.8	16.6		22.7	15.1	4.3	2.6		44.6
06-08		7.3	1.1	16.8		25.2	20.0	5.7	1.9		52.8
09-11		6.5	.4	17.6		24.5	22.0	12.0	2.8		61.4
12-14		5.3	.2	13.9		19.4	14.6	11.8	1.9		47.7
15-17		5.6	.6	13.9		20.1	10.9	8.9	2.0		41.8
18-20		3.9	.8	12.6		17.2	13.7	8.1	2.5		41.4
21-23		5.6	.5	13.0		19.1	14.1	5.8	2.8		41.8
ALL HOURS		5.7	.6	14.9		21.2	15.8	7.6	2.5		47.1

MONTH: FEB

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
00-02		7.9	.6	9.7		18.1	19.7	3.5	1.5		42.9
03-05	.2	7.8	.6	13.0		21.3	21.1	2.6	1.6		46.6
06-08	.1	9.3	.7	12.0		22.0	24.9	6.2	1.5		54.7
09-11		7.1	.9	14.3		22.3	25.0	12.7	1.5		61.5
12-14		8.5	.4	11.9		20.7	17.6	10.8	2.4		51.5
15-17	.1	9.0	.1	10.0		19.1	15.9	8.7	2.1		45.8
18-20	.1	10.0	.1	10.9		21.0	18.3	7.3	2.4		49.0
21-23	.4	8.0	.8	9.7		18.6	18.7	5.1	2.1		44.4
ALL HOURS	.1	8.4	.5	11.4		20.4	20.1	7.1	1.9		49.6

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
UTC: + 5 MONTH: JAN

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
14.9		21.6	16.3	4.2	3.1		45.3	930
15.6		22.7	15.1	4.3	2.6		44.6	930
15.8		25.2	20.0	5.7	1.9		52.8	930
17.6		24.5	22.0	12.0	2.8		61.4	930
13.9		19.4	14.6	11.8	1.9		47.7	930
13.9		20.1	10.9	8.8	2.0		41.8	930
13.6		17.2	13.7	8.1	2.5		41.4	930
13.0		19.1	14.1	5.8	2.8		41.8	930
14.9		21.2	15.8	7.6	2.5		47.1	7440

MONTH: FEB

9.7		18.1	19.7	3.5	1.5		42.9	849
13.0		21.3	21.1	2.6	1.6		46.6	849
12.0		22.0	24.9	6.2	1.5		54.7	849
14.3		22.3	25.0	12.7	1.5		61.5	849
11.9		20.7	17.6	10.8	2.4		51.5	849
10.0		19.1	15.9	8.7	2.1		45.8	849
10.9		21.0	18.3	7.3	2.4		49.0	847
9.7		18.6	18.7	5.1	2.1		44.4	846
11.4		20.4	20.1	7.1	1.9		49.6	6787

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 74 -
LST TO UTC: + 5 — MONTH: MAR

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN
00-02	.3	12.5		6.5		18.9	17.2	2.5	.3		38.9
03-05	.4	12.9	.3	5.7		18.9	17.6	1.6	.2		38.4
06-08	.2	10.2	.1	5.9		16.2	24.4	5.9	.3		46.9
09-11	.5	9.7		4.8		14.5	17.0	11.7	.5		43.8
12-14	.1	7.8		3.4		11.3	11.7	8.2	.4		31.6
15-17	.3	9.4		2.4		11.7	12.0	7.5	.3		31.6
18-20	1.0	12.8		3.8		16.6	15.1	6.6	.3		38.5
21-23	.3	11.0		5.7		16.7	15.8	3.0	.2		35.7
ALL HOURS	.4	10.8	.1	4.8		15.6	16.4	5.9	.3		38.2

MONTH: APR

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
00-02	.6	9.3		1.2		10.6	10.7	1.3			22.6
03-05	.3	10.2		1.4		11.7	15.0	1.2	.2		28.1
06-08	.7	10.9		2.2		13.1	27.0	7.6	.3		46.0
09-11	.2	10.2		2.2		12.4	14.9	8.4	.3	.2	36.3
12-14	.7	10.0		1.3		11.3	7.2	4.2	.1		22.9
15-17	1.1	10.4		.9	.1	11.4	5.1	3.2	.3		20.1
18-20	1.6	11.1		.6		11.7	7.2	3.2	.3		22.4
21-23	.8	11.3		1.2		12.6	7.7	2.3	.3		22.9
ALL HOURS	.7	10.4		1.4	.0	11.8	11.8	3.9	.3	.0	27.9

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
I UTC: + 5 MONTH: MAR

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
6.5		18.9	17.2	2.5	.3		38.9	930
5.7		18.9	17.6	1.6	.2		38.4	930
5.9		16.2	24.4	5.9	.3		46.9	930
4.8		14.5	17.0	11.7	.5		43.8	930
3.4		11.3	11.7	8.2	.4		31.6	930
2.4		11.7	12.0	7.5	.3		31.6	930
3.8		16.6	15.1	6.6	.3		38.5	930
5.7		16.7	15.8	3.0	.2		35.7	930
4.8		15.6	16.4	5.9	.3		38.2	7440

MONTH: APR

1.2		10.6	10.7	1.3			22.6	900
1.4		11.7	15.0	1.2	.2		28.1	900
2.2		13.1	27.0	7.6	.3		46.0	900
2.2		12.4	14.9	8.4	.3	.2	36.3	900
1.3		11.3	7.2	4.2	.1		22.9	899
.9	.1	11.4	5.1	3.2	.3		20.1	900
.6		11.7	7.2	3.2	.3		22.4	900
1.2		12.6	7.7	2.3	.3		22.9	900
1.4	.0	11.8	11.8	3.9	.3	.0	27.9	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMEN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN
00-02	1.1	9.4				9.4	20.6	5.9			35.9
03-05	.4	11.0				11.0	30.8	7.0			48.7
06-08	.5	11.8				11.8	35.9	14.5			62.3
09-11	.3	11.6				11.6	18.6	17.8			48.1
12-14	1.4	9.9				9.9	8.0	11.9			29.8
15-17	3.2	10.0				10.0	7.2	10.3			27.5
18-20	3.1	9.8				9.8	9.1	9.0			28.0
21-23	2.4	9.8				9.8	15.2	9.2			34.2
ALL HOURS	1.6	10.4				10.4	18.2	10.7			39.3

MONTH: JUN

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
00-02	2.3	5.0				5.0	17.3	14.0			36.3
03-05	1.7	4.9				4.9	35.0	14.2			54.1
06-08	1.1	5.9				5.9	36.9	21.2			64.0
09-11	.9	4.7				4.7	10.9	25.8			41.3
12-14	1.8	5.8				5.8	4.1	18.6			28.4
15-17	3.4	6.7				6.7	3.3	16.1			26.1
18-20	4.3	6.1				6.1	4.2	16.1			26.4
21-23	5.1	6.2				6.2	10.1	15.9			32.2
ALL HOURS	2.6	5.7				5.7	15.2	17.7			38.6

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C UTC: + 5 MONTH: MAY

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
		9.4	20.6	5.9			35.9	930
		11.0	30.8	7.0			48.7	930
		11.3	35.9	14.5			62.3	930
		11.6	18.6	17.8			48.1	930
		9.9	8.0	11.9			29.8	930
		10.0	7.2	10.3			27.5	930
		9.8	9.1	9.0			28.0	930
		9.8	15.2	9.2			34.2	930
		10.4	18.2	10.7			39.3	7440

MONTH: JUN

		5.0	17.3	14.0			36.3	900
		4.9	35.0	14.2			54.1	900
		5.9	36.9	21.2			64.0	900
		4.7	10.9	25.8			41.3	900
		5.8	4.1	18.6			28.4	900
		6.7	3.3	16.1			26.1	900
		6.1	4.2	16.1			26.4	900
		6.2	10.1	15.9			32.2	900
		5.7	15.2	17.7			38.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 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
00-02	1.9	4.1				4.1	29.5	26.2			59.8
03-05	1.2	4.0				4.0	43.9	21.8			69.7
06-08	.9	5.6				5.6	50.8	28.7			85.1
09-11	.5	5.6				5.6	14.1	33.5			53.2
12-14	1.9	5.5				5.5	4.0	30.0			39.5
15-17	3.8	5.4				5.8	3.0	25.4			34.2
18-20	3.2	4.8				4.8	5.6	26.6			37.0
21-23	2.5	4.7				4.7	14.4	31.0			50.1
ALL HOURS	2.0	5.0				5.0	20.6	27.9			53.6

MONTH: AUG

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
00-02	2.3	5.5				5.5	33.4	24.3			63.2
03-05	.9	4.6				4.6	46.3	21.7			72.7
06-08	.9	5.3				5.3	60.9	25.9			92.0
09-11	1.2	4.2				4.2	18.6	42.4			65.2
12-14	1.6	6.0				6.0	5.3	32.4			43.7
15-17	4.1	5.5				5.5	3.8	27.6			36.9
18-20	3.3	5.1				5.1	4.9	30.8			40.9
21-23	2.4	5.2				5.2	17.4	27.7			50.3
ALL HOURS	2.1	5.2				5.2	23.8	29.1			58.1

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STN NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 - FEB 88
UTC: + 5 MONTH: JUL

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
		4.1	29.5	26.2			59.8	930
		4.0	43.9	21.8			69.7	930
		5.5	50.9	28.7			85.1	930
		5.6	14.1	33.5			53.2	930
		5.5	4.0	30.0			39.5	930
		5.8	3.0	25.4			34.2	930
		4.8	5.6	26.6			37.0	930
		4.7	14.4	31.0			50.1	930
		5.0	20.6	27.9			53.6	7440

MONTH: AUG

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
		5.5	33.4	24.3			63.2	930
		4.6	46.3	21.7			72.7	930
		5.3	50.9	25.9			82.0	930
		4.2	18.6	42.4			65.2	930
		6.0	5.3	32.4			43.7	929
		5.5	3.8	27.6			36.9	930
		5.1	4.9	30.8			40.8	930
		5.2	17.4	27.7			50.3	930
		5.2	23.8	29.1			58.1	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHEN
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 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
00-02	.2	4.0				4.0	26.1	14.1			44.2
03-05	.3	4.3				4.3	39.9	10.4			54.7
06-08	.1	3.8				3.8	54.3	14.3			72.1
09-11	.1	5.2				5.2	19.7	27.2			52.1
12-14	.8	4.4				4.4	4.1	16.2			24.3
15-17	1.2	5.3				5.3	2.7	12.1			20.3
18-20	.7	5.1				5.1	7.3	14.8			27.2
21-23	.9	4.3				4.3	13.7	15.4			34.4
ALL HOURS	.5	4.6				4.6	21.0	15.7			41.2

MONTH: OCT

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
00-02	.1	10.6				10.6	21.3	3.1			35.1
03-05	.2	9.8				9.8	25.9	1.5			37.2
06-08		9.4				9.4	36.4	3.7			43.2
09-11		8.7				8.7	21.9	12.9			43.5
12-14	.1	6.9				6.9	9.5	10.3			27.1
15-17	.2	9.1				9.1	9.1	7.1			25.4
18-20	.5	9.9				9.9	12.4	6.2			28.5
21-23	.1	8.6				8.6	14.1	4.5			27.2
ALL HOURS	.2	9.2				9.2	18.8	6.2			34.2

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: SEP

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
		4.0	26.1	14.1			44.2	900
		4.3	39.9	10.4			54.7	900
		3.[illegible]	54.[illegible]	14.3			72.1	900
		5.2	19.7	27.[illegible]			52.1	900
		4.4	4.1	16.2			24.[illegible]	900
		5.3	[illegible].1	12.1			20.3	900
		5.1	7.3	14.[illegible]			27.2	900
		4.3	13.7	16.4			34.4	900
		4.6	21.0	15.7			41.2	7200

MONTH: OCT

		10.6	21.3	3.1			35.1	930
		9.[illegible]	25.[illegible]	1.[illegible]			37.[illegible]	930
		9.[illegible]	36.[illegible]	3.[illegible]			49.[illegible]	930
		8.7	21.9	12.9			43.5	930
		6.[illegible]	[illegible].5	10.[illegible]			27.1	930
		9.1	[illegible].1	7.1			25.4	930
		9.9	12.4	6.2			28.5	930
		5.6	14.1	4.[illegible]			27.2	930
		9.2	18.8	6.2			34.2	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC P
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: NOV

HOURS (LST)	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	AL OB TI
00-02	.4	13.2		2.0		15.2	18.0	3.3			36
03-05	.1	14.1	.2	1.9		16.2	20.8	2.8			39
06-08	.2	15.7	.1	2.2		18.0	23.2	6.8			52
09-11	.2	14.1		2.9		17.0	24.9	13.2			55
12-14	.2	14.1		2.9		17.0	16.8	9.3			43
15-17	.3	13.1		1.8		14.9	13.3	7.4			34
18-20	.1	12.9		1.7		14.6	15.0	5.9			35
21-23	.2	12.4		1.9		14.3	16.7	3.3			34
ALL HOURS	.2	13.7	.0	2.2		15.9	19.3	6.4			41

MONTH: DEC

00-02		11.9	.3	5.4		18.1	21.4	2.0	.2		41
03-05		12.7	.5	5.6		18.7	22.8	2.7			44
06-08		13.1	.9	6.0		20.0	25.1	3.2			48
09-11		12.6	.1	10.0		22.7	26.2	6.5	.4		55
12-14		11.0	.2	9.0		20.2	19.1	5.9	1.2		46
15-17		12.4	.1	8.1		20.5	18.4	6.1	1.1		44
18-20		10.1	.5	7.0		17.7	21.1	4.6	.2		43
21-23		8.3	.4	5.8		14.5	20.0	3.3	.1		38
ALL HOURS		11.5	.5	7.1		19.1	21.8	4.3	.4		45

PERCENTAGE FREQUENCY OF HOURS WITH VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV

FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
2.0		15.2	18.0	3.3			36.6	900
1.9		16.2	20.8	2.8			39.8	900
[illegible]		18.0	23.2	[illegible]			52.0	900
2.9		17.0	24.9	13.2			55.1	900
2.9		17.0	16.8	9.3			43.1	900
1.3		14.9	13.3	7.4			36.1	900
1.7		14.6	15.0	5.8			35.3	900
1.9		14.3	16.7	3.3			34.3	900
2.2		15.9	19.3	6.4			41.5	7200

MONTH: DEC

5.4		18.1	21.4	2.0	.2		41.7	930
5.3		18.7	22.8	2.7			44.2	930
5.3		20.0	25.1	3.2			48.3	930
10.0		22.7	26.2	6.5	.4		55.8	930
9.0		20.2	19.1	5.9	1.2		46.5	930
8.1		20.5	18.4	5.1	1.1		46.1	930
7.3		17.7	21.1	4.6	.2		43.7	930
5.8		14.5	20.0	3.3	.1		38.0	930
7.1		19.1	21.8	4.3	.4		45.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 HOURS: ALL

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TO N
JAN		5.7	.6	14.9		21.2	15.8	7.6	2.5		47.1	
FEB	.1	8.4	.5	11.4		20.4	20.1	7.1	1.9		49.6	
MAR	.4	10.8	.1	4.8		15.6	16.4	5.9	.3		38.2	
APR	.7	10.4		1.4	.0	11.8	11.8	3.9	.3	.0	27.9	
MAY	1.6	10.4				10.4	18.2	10.7			39.3	
JUN	2.6	5.7				5.7	15.2	17.7			38.6	
JUL	2.0	5.0				5.0	20.6	27.9			53.6	
AUG	2.1	5.2				5.2	23.8	29.1			58.1	
SEP	.5	4.6				4.6	21.0	15.7			41.2	
OCT	.2	9.2				9.2	18.8	6.2			34.2	
NOV	.2	13.7	.0	2.2		15.9	19.3	6.4			41.5	
DEC		11.6	.5	7.1		19.1	21.8	4.3	.4		45.5	
ANNUAL	.9	8.4	.1	3.4	.0	12.0	18.6	11.9	.4	.0	42.9	8

ENTAGE FREQUENCY OF VARIOUS ATMOSPHERIC PHENOMENA
FROM HOURLY OBSERVATIONS

: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
+ 5 HOURS: ALL

HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
	21.2	15.8	7.6	2.5		47.1	7440
	20.4	20.1	7.1	1.9		49.6	6787
	15.6	16.4	5.9	.3		38.2	7440
.0	11.8	11.8	3.9	.3	.0	27.9	7199
	10.4	18.2	10.7			39.3	7440
	5.7	15.2	17.7			38.6	7200
	5.0	20.6	27.9			53.6	7440
	5.2	23.8	29.1			58.1	7439
	4.6	21.0	15.7			41.2	7200
	9.2	18.8	6.2			34.2	7440
	15.9	19.3	6.4			41.5	7200
	19.1	21.8	4.3	.4		45.5	7440
.0	12.0	18.6	11.9	.4	.0	42.9	87665

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 490
LST TO UTC: +05 MONTH: ALL HOURS: A

MONTH	TSTMS	LIQUID PRECIP	FREEZ PRECIP	FROZEN PRECIP	HAIL	ALL PRECIP	FOG	SMOKE S/OR HAZE	BLOWING SNOW	DUST S/OR SAND	T
JAN	2.1	32.8	6.5	46.8		66.0	43.5	50.8	7.1		
FEB	1.9	33.8	4.1	40.5	.3	61.6	44.7	51.7	5.4		
MAR	7.6	43.2	2.0	28.9	.8	61.8	42.7	46.4	2.5		
APR	13.7	53.9	.3	8.3	1.4	56.9	38.8	40.8	.3		
MAY	21.6	50.8		.3	1.0	50.8	45.2	47.0			
JUN	27.3	45.4			.6	45.4	52.3	61.5			
JUL	27.4	44.2			.5	44.2	57.0	69.0		.1	
AUG	23.0	39.9			.3	39.9	70.4	77.0			
SEP	12.1	37.7			.1	37.7	60.7	64.6		.1	
OCT	4.5	38.8		1.4	.2	39.5	49.7	52.8			
NOV	2.6	44.1	.2	19.2	.1	54.5	46.0	45.3	.3		
DEC	1.0	43.2	4.1	39.2	.1	65.6	44.6	44.8	3.4		
ANNUAL	12.2	42.1	1.4	15.3	.4	52.0	49.7	54.4	1.6	.0	

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

E: RICKENBACKER ANGB OH
+05

PERIOD OF RECORD: 4901-4909,5102-8802
MONTH: ALL HOURS: ALL

OZEN RECIP	HAIL	ALL PRECIP	FOG	SMOKE &/OR HAZE	BLOWING SNOW	DUST &/OR SAND	ALL OBST TO VSN	TOTAL NO. OF OBS
6.8		66.0	43.5	50.8	7.1		81.7	1178
0.5	.3	61.6	44.7	51.7	5.4		80.0	1086
8.9	.8	61.8	42.7	46.4	2.5		77.4	1178
8.3	1.4	56.9	38.8	40.8	.3		74.2	1138
.3	1.0	50.8	45.2	47.0			71.6	1178
	.6	45.4	52.3	61.5			79.6	1140
	.5	44.2	57.0	69.0		.1	81.5	1178
	.3	39.9	70.4	77.0			85.7	1178
	.1	37.7	60.7	64.6		.1	79.8	1136
1.4	.2	39.5	49.7	52.8			73.2	1147
19.2	.1	54.5	46.0	45.3	.3		77.2	1110
7.2	.1	65.6	44.6	44.8	3.4		82.2	1147
15.3	.4	52.0	49.7	54.4	1.6	.0	78.7	13794

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FE
LST TO UTC: + 5

HOURS (LST)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
00-02			.3	.6	1.1	2.3	1.9	2.3	.2	.1	.4	
03-05		.2	.4	.3	.4	1.7	1.2	.9	.3	.2	.1	
06-08		.1	.2	.7	.5	1.1	.8	.8	.1		.2	
09-11			.5	.2	.3	.9	.5	1.2	.1		.2	
12-14			.1	.7	1.4	1.8	1.9	1.6	.8	.1	.2	
15-17		.1	.3	1.1	3.2	3.4	3.8	4.1	1.2	.2	.3	
18-20		.1	1.0	1.6	3.1	4.3	3.2	3.3	.7	.5	.1	
21-23		.4	.3	.8	2.4	5.1	2.5	2.4	.9	.1	.2	
ALL HOURS		.1	.4	.7	1.6	2.6	2.0	2.1	.5	.2	.2	
TOTAL OBS	7440	6787	7440	7199	7440	7200	7440	7439	7200	7440	7200	74

PERCENTAGE FREQUENCY OF OCCURRENCE OF THUNDERSTORMS
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
.6	1.1	2.3	1.9	2.3	.2	.1	.4	
.3	.4	1.7	1.2	.9	.3	.2	.1	
.7	.5	1.1	.8	.8	.1		.2	
.2	.3	.9	.5	1.2	.1		.2	
.7	1.4	1.8	1.9	1.6	.8	.1	.2	
1.1	3.2	3.4	3.8	4.1	1.2	.2	.3	
1.6	3.1	4.3	3.2	3.3	.7	.5	.1	
.8	2.4	5.1	2.5	2.4	.9	.1	.2	
.7	1.6	2.6	2.0	2.1	.5	.2	.2	
7139	7440	7200	7440	7439	7200	7440	7200	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS							
LIQUID PRECIP	9.2		14.5	18.7	43.9	13.6	
FREEZING PRECIP	4.3		10.6	53.2	23.4	8.5	
FROZEN PRECIP	8.4		18.5	7.2	19.2	46.6	
FOG	16.8		14.8	10.0	31.1	27.3	
FOG WITH VIS GE 1/2 MILES	15.9		14.8	10.1	31.2	28.0	
TOTAL OBS	1016	0	1152	703	2124	2445	0

MONTH: FEB HOURS: ALL

TSTMS			25.0	37.5	12.5	25.0	
LIQUID PRECIP	8.4		21.1	16.8	43.6	10.1	
FREEZING PRECIP	11.1		30.6	47.2	8.3	2.8	
FROZEN PRECIP	6.5		37.3	14.0	8.3	33.8	
FOG	22.7		22.4	14.6	26.0	14.3	
FOG WITH VIS GE 1/2 MILES	18.9		23.7	15.0	27.0	15.4	
TOTAL OBS	1218	0	1449	871	1634	1615	0

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

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 - FEB 88
UTC: + 5 MONTH: JAN HOURS: ALL

330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
14.5	18.7	43.9	13.6		433
10.6	53.2	23.4	8.5		47
18.5	7.2	19.2	46.6		1117
14.8	10.0	31.1	27.3		1152
14.8	10.1	31.2	28.0		1121
1152	703	2124	2445	0	7440

MONTH: FEB HOURS: ALL

25.0	37.5	12.5	25.0		8
21.1	16.8	43.6	10.1		573
30.6	47.2	8.3	2.9		36
37.3	14.0	8.3	33.8		780
22.4	14.6	26.0	14.3		1322
23.7	15.0	27.0	15.4		1189
1449	871	1634	1615	0	6787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS			20.0	20.0	36.7	23.3	
LIQUID PRECIP	5.0		19.5	28.8	28.7	18.0	
FREEZING PRECIP				100.0			
FROZEN PRECIP	1.4		39.0	12.0	9.2	38.4	
FOG	10.3		28.0	17.5	20.2	24.0	
FOG WITH VIS GE 1/2 MILES	10.2		28.2	17.7	19.9	24.0	
TOTAL OBS	769	0	1730	1134	1809	1998	0

MONTH: APR HOURS: ALL

TSTMS	1.9		15.1	28.3	28.3	26.4	
LIQUID PRECIP	6.5		15.7	20.6	29.9	27.4	
FREEZING PRECIP							
FROZEN PRECIP	1.0		98.0	9.0	7.0	25.0	
FOG	23.1		22.5	16.1	19.7	18.6	
FOG WITH VIS GE 1/2 MILES	22.7		22.3	16.2	20.0	19.8	
TOTAL OBS	1123	0	1525	1076	1660	1810	0

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

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAR HOURS: ALL

330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
20.0	20.0	36.7	23.3		30
19.5	28.8	28.7	18.0		778
	100.0				4
39.0	12.0	9.2	38.4		359
28.0	17.5	20.2	24.0		1212
28.2	17.7	19.9	24.0		1195
1730	1134	1809	1998	0	7440

MONTH: APR HOURS: ALL

15.1	28.3	28.3	28.4		53
15.7	20.6	29.9	27.4		720
58.0	9.0	7.0	25.0		100
22.5	16.1	19.7	19.6		839
22.3	16.2	20.0	19.8		825
1525	1076	1660	1810	0	7199

OPERATING LOCATION "AM" PERCENTAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
USAFETAC, ASHEVILLE NC VERSUS WIND DIRECTION FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS	5.2		15.5	12.1	40.5	26.7	
LIQUID PRECIP	9.9		27.4	20.1	31.8	10.9	
FREEZING PRECIP							
FROZEN PRECIP							
FOG	27.3		22.2	13.9	24.0	12.6	
FOG WITH VIS GE 1/2 MILES	26.7		22.4	14.1	24.2	12.7	
TOTAL OBS	1562	0	1610	910	2139	1219	0

MONTH: JUN HOURS: ALL

TSTMS	10.2		15.6	8.1	36.6	29.6	
LIQUID PRECIP	9.2		13.4	12.4	44.9	20.1	
FREEZING PRECIP							
FROZEN PRECIP							
FOG	30.8		12.5	6.1	41.6	9.0	
FOG WITH VIS GE 1/2 MILES	30.5		12.6	6.1	41.8	8.9	
TOTAL OBS	1501	0	1255	794	2396	1254	0

:TAGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
:SUS WIND DIRECTION FROM HOURLY OBSERVATIONS

:AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
TC: + 5 MONTH: MAY HOURS: ALL

NO	330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
	15.5	12.1	40.5	26.7		116
	27.4	20.1	31.8	10.9		698
	22.2	13.9	24.9	12.5		1331
	22.4	14.1	24.2	12.7		1315
	1610	910	2139	1219	0	7440

MONTH: JUN HOURS: ALL

	15.6	9.1	36.6	29.6		186
	13.4	12.4	44.9	20.1		283
1	12.5	6.1	41.6	9.0		1044
1	12.6	6.1	41.3	8.9		1029
	1255	794	2396	1254	0	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS	10.2		15.0	17.7	31.3	25.9	
LIQUID PRECIP	9.0		12.1	16.2	47.9	14.8	
FREEZING PRECIP							
FROZEN PRECIP							
FOG	33.5		8.4	6.2	37.5	7.5	
FOG WITH VIS GE 1/2 MILES	39.3		8.4	6.8	37.9	7.6	
TOTAL OBS	1772	0	1159	364	2363	1282	0

MONTH: AUG HOURS: ALL

TSTMS	10.5		11.1	15.0	34.6	28.8	
LIQUID PRECIP	15.0		21.1	21.1	27.9	15.0	
FREEZING PRECIP							
FROZEN PRECIP							
FOG	39.0		11.5	8.0	33.9	7.6	
FOG WITH VIS GE 1/2 MILES	44.1		11.9	8.1	34.2	7.7	
TOTAL OBS	1866	0	1476	372	2235	990	0

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JUL HOURS: ALL

330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
15.0	17.7	31.3	25.9		147
12.1	16.2	47.9	14.8		290
8.4	5.2	37.9	7.5		1507
8.4	6.8	37.9	7.6		1492
1159	864	2363	1282	0	7440

MONTH: AUG HOURS: ALL

11.1	15.0	34.6	28.8		153
21.1	21.1	27.9	15.0		294
11.5	8.0	33.9	7.6		1747
11.9	8.1	34.2	7.7		1694
1476	872	2235	990	0	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS	2.6		20.5	12.8	33.5	25.6	
LIQUID PRECIP	10.1		16.6	12.3	38.3	22.7	
FREEZING PRECIP							
FROZEN PRECIP							
FOG	44.3		11.7	7.4	29.6	6.9	
FOG WITH VIS GE 1/2 MILES	43.0		12.0	7.6	30.7	6.8	
TOTAL OBS	1978	0	1382	763	2110	967	0

MONTH: OCT HOURS: ALL

TSTMS	8.3		8.3	3.3	75.0		
LIQUID PRECIP	6.2		27.7	19.8	29.9	16.4	
FREEZING PRECIP							
FROZEN PRECIP							
FOG	27.9		22.0	16.2	25.2	8.7	
FOG WITH VIS GE 1/2 MILES	25.9		22.5	16.5	25.8	9.0	
TOTAL OBS	1530	0	1310	959	2263	1378	0

AGE FREQUENCY OF OCCURRENCES OF ATMOSPHERIC PHENOMENA
SUS WIND DIRECTION FROM HOURLY OBSERVATIONS

ME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
+ 5 MONTH: SEP HOURS: ALL

330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
20.5	12.8	33.5	25.6		39
16.6	12.3	38.3	22.7		308
11.7	7.4	29.6	6.9		1457
12.0	7.6	30.7	6.8		1389
1382	763	2110	967	0	7200

MONTH: OCT HOURS: ALL

8.3	3.3	75.0			12
27.7	19.8	29.9	16.4		676
22.0	16.2	25.2	8.7		1393
22.5	16.5	25.8	9.0		1331
1310	959	2263	1378	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: NOV HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS	5.9			23.5	70.6		
LIQUID PRECIP	6.7		26.3	17.9	31.2	17.9	
FREEZING PRECIP			33.3	66.7			
FROZEN PRECIP	4.4		27.2	9.5	11.4	47.5	
FOG	22.5		23.2	14.1	26.5	13.6	
FOG WITH VIS GE 1/2 MILES	22.2		23.4	13.9	26.7	13.8	
TOTAL OBS	1318	0	1241	735	2364	1542	0

MONTH: DEC HOURS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS							
LIQUID PRECIP	9.0		17.1	21.3	39.9	12.7	
FREEZING PRECIP	17.6		23.5	41.2	17.6		
FROZEN PRECIP	4.3		17.1	6.8	20.9	50.9	
FOG	20.1		18.6	14.0	29.5	17.8	
FOG WITH VIS GE 1/2 MILES	19.2		18.6	14.2	30.0	18.0	
TOTAL OBS	1100	0	944	754	2636	2006	0

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: NOV HOURS: ALL

330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
	23.5	70.6			17
26.3	17.9	31.2	17.9		1020
33.3	66.7				3
27.2	9.5	11.4	47.5		158
23.2	14.1	26.5	13.6		1375
23.4	13.9	26.7	13.8		1357
1241	735	2364	1542	0	7200

MONTH: DEC HOURS: ALL

17.1	21.3	39.9	12.7		884
23.5	41.2	17.6			34
17.1	6.8	20.9	50.9		532
18.6	14.0	29.5	17.8		1609
13.6	14.2	30.0	18.0		1536
944	754	2636	2006	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTHS: ALL

PHENOMENA	CALM	VARIABLE	330 - 059	060 - 149	150 - 239	240 - 329	
TSTMS	7.9		14.6	14.7	36.4	26.4	
LIQUID PRECIP	8.0		20.6	19.8	35.1	16.5	
FREEZING PRECIP	9.7		20.2	50.0	16.1	4.0	
FROZEN PRECIP	5.9		27.2	9.6	14.7	42.5	
FOG	27.8		17.8	11.9	29.1	13.5	
FOG WITH VIS GE 1/2 MILES	26.8		18.0	12.0	29.5	13.7	
TOTAL OBS	16758	0	16233	10435	25733	18506	0

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTHS: ALL

330 - 059	060 - 149	150 - 239	240 - 329		NO OF OBS
14.6	14.7	36.4	26.4		761
20.6	19.8	35.1	16.5		6957
20.2	50.0	15.1	4.0		124
27.2	9.6	14.7	42.5		3046
17.8	11.9	29.1	13.5		15998
18.0	12.0	29.5	13.7		15473
16233	10435	25733	18506	0	37665

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

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 DATA ARE AVAILABLE. ".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. ".00" MEANS NO PRECIPITAION FOR THE MONTH, ".0" MEANS NO SNOWFALL FOR THE MONTH, AND "0" MEANS NO SNOW DEPTH FOR THE MONTH.

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

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

NOTE 2. TABLES INCLUDE STATISTICAL DATA ONLY WHEN 10 SETS OF MONTHLY DATA, OR MORE, ARE AVAILABLE.

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

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

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

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

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

CONVERSIONS:

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

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF REC
LST TO UTC: +05 MONTH: ALL

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	
NONE	33.7	38.5	39.5	43.2	47.8	53.9	56.0	61.2	62.4	60
TRACE	26.5	24.5	21.3	16.4	13.1	12.8	11.5	11.2	11.2	12
.01	4.9	4.2	3.2	2.4	1.9	2.5	2.2	1.7	1.6	1
.02-.05	10.3	9.7	7.5	8.8	7.0	5.5	5.6	4.5	5.3	5
.06-.10	6.3	5.7	5.5	5.6	5.2	3.8	3.6	3.2	2.7	4
.11-.25	8.7	7.6	8.8	9.2	8.9	6.1	6.8	5.5	5.6	7
.26-.50	5.6	5.7	7.8	6.8	7.2	6.9	5.5	5.0	5.1	5
.51-1.00	3.0	3.2	4.4	5.3	6.5	5.7	5.0	5.0	3.9	2
1.01-2.50	1.0	.9	1.8	2.2	2.3	3.0	3.7	2.2	2.0	
2.51-5.00	.1	.1	.3	.1	.1		.1	.4	.1	
5.01-10.00										
10.01-20.00										
OVER 20.00										
DAYS WITH MEAS AMTS	39.9	37.0	39.2	40.4	39.2	33.3	32.5	27.6	26.4	27
TOTAL NO. OF OBSERVATIONS	1364	1249	1355	1319	1363	1320	1364	1372	1347	13

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

N NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: 4208-4909,5102-8802
UTC: +05 — MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
39.5	43.2	47.8	53.9	56.0	61.2	62.4	60.6	45.5	36.0	48.2
21.3	16.4	13.1	12.8	11.5	11.2	11.2	12.2	17.3	25.5	16.9
3.2	2.4	1.9	2.5	2.2	1.7	1.6	1.4	3.4	3.6	2.7
7.5	8.8	7.0	5.5	5.6	4.5	5.3	5.2	8.2	9.8	7.3
5.5	5.6	5.2	3.8	3.5	3.2	2.7	4.1	5.5	4.1	4.6
8.8	9.2	8.9	6.1	6.8	5.5	5.6	7.6	7.0	8.9	7.6
7.8	6.8	7.2	6.9	5.5	5.0	5.1	5.6	6.7	6.6	6.2
4.4	5.3	6.5	5.7	5.0	5.0	3.9	2.5	4.7	4.3	4.5
1.8	2.2	2.3	3.0	3.7	2.2	2.0	.8	1.6	1.1	1.9
.3	.1	.1		.1	.4	.1		.1		.1
33.2	40.4	39.2	33.3	32.5	27.6	26.4	27.2	37.2	34.5	34.8
1355	1319	1363	1320	1364	1372	1347	1364	1320	1364	16101

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECOR
LST TO UTC: +05 MONTH: ALL HO

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
42								.00*	3.72	.98
43	1.76	1.54	6.78	2.49	4.41	6.14	3.97	2.76	.77	.51
44	.69	2.99	5.54	3.80	2.60	2.21	1.57	2.84	1.02	1.18
45	.93	3.72	9.69	6.52	2.58	5.30	4.44	.92	3.55	2.10
46	1.22	3.48	.85*	1.37	5.98	4.33	3.35	.82	1.60	1.37
47	3.97	.34	1.48	5.08	9.08	4.29	7.13	5.45	3.95	1.88
48	2.80	2.02	5.41	5.31	3.47	4.27	4.74	2.31	2.99	2.58
49	7.40	3.09	3.92	2.26	2.44	7.45	2.27	1.88	1.94	
51		.00*	3.42*	2.47	2.85	4.49	3.15	.25	2.63	1.26
52	5.27	2.18	3.91	3.06	2.86	2.54	1.74	2.36	1.89	.84
53	4.27	1.17	1.69	2.44	2.44	1.64	4.33	2.07	.86	.91
54	2.59	1.37	1.70	4.07	1.79	2.48	5.05	2.90	1.68	4.11
55	1.47	3.42	4.96	1.61	3.49	3.62	5.30	1.35	3.27	1.90
56	1.70	4.24	4.33	4.35	5.35	1.27	4.04	2.88	2.07	1.32
57	2.16	2.13	1.54	5.08	4.84	5.79	2.77	1.52	3.61	1.11
58	2.14	.77	1.12	3.75	3.18	6.93	12.24	6.03	4.28	.82
59	5.60	2.67	2.22	2.60	4.16	1.07	3.92	1.56	1.58	3.76
60	2.37	2.56	1.17	2.49	3.55	3.86	4.23	1.93	1.07	3.05
61	1.04	2.45	4.21	4.34	4.14	2.24	5.41	5.82	2.16	1.59
62	3.29	4.59	3.45	1.21	3.72	.36	5.28	1.18	3.75	2.75
63	1.99	.92	7.73	2.17	2.47	2.44	2.70	2.73	.55	.26
64	1.57	1.29	9.83	5.82	1.96	3.42	2.73	1.52	1.93	.45
65	2.47	3.51	3.05	5.91	.85	2.75	3.76	4.32	7.07	3.19
66	4.32	2.84	1.91	4.75	3.56	.94	4.91	2.89	3.41	1.13
67	.99	2.77	5.13	3.46	6.41	.94	2.74	.89	3.62	2.23
68	2.06	.51	4.36	2.55	10.21	3.75	.79	2.19	2.87	1.69
69	3.39	.77	1.08	3.22	1.99	6.53	3.99	3.70	.99	1.81
70	1.63	1.26	3.61	6.25	5.07	5.37	3.88	3.25	6.92	1.70
71	2.30	3.91	2.74	.67	5.95	3.73	4.67	4.47	2.13	1.72
72	1.64	1.58	3.07	4.01	6.18	2.37	1.96	8.76	4.69	2.58
73	2.10	1.58	3.47	5.06	3.84	6.57	4.75	4.11	1.33	4.09
74	2.63	2.90	3.19	4.19	4.69	5.24	.73	4.94	4.14	1.43
75	2.51	3.99	4.76	3.06	2.06	3.99	1.56	6.21	3.88	3.00

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

ION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: 4208-4909,5102-8802
T: UTC: +05 — MONTH: ALL HOURS: ALL

NOV	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
61						.00*	3.72	.98	3.61	4.06	12.37*
86	.74	2.49	4.41	6.14	3.97	2.76	.77	.51	.86	1.36	33.35
92	.54	3.80	2.60	2.21	1.57	2.84	1.02	1.18	1.92	3.13	29.49
46	.69	6.52	2.58	5.30	4.44	.92	3.55	2.10	3.46	1.40	44.61
33	.65*	1.37	5.98	4.33	3.35	.82	1.60	1.37	1.33	1.61	27.31*
14	.43	5.08	8.08	4.29	7.13	5.45	3.95	1.88	2.14	1.33	45.17
95	.41	5.31	3.47	4.27	4.74	2.31	2.99	2.58	3.95	3.25	43.10
	.22	2.26	2.44	7.45	2.27	1.89	1.94				32.65*
10	.42*	2.47	2.85	4.49	3.15	.25	2.63	1.26	4.10	5.03	29.65*
16	.21	3.06	2.86	2.54	1.74	2.36	1.89	.84	1.16	2.59	30.60
12	.63	2.44	2.44	1.64	4.33	2.07	.86	.91	1.12	1.81	25.65
96	.70	4.07	1.79	2.48	5.05	2.90	1.68	4.11	.85	1.79	30.38
92	.96	1.61	3.49	3.62	5.30	1.35	3.27	1.90	2.92	.42	33.73
84	.33	4.35	5.35	1.27	4.04	2.88	2.07	1.32	.88	3.42	35.85
07	.54	5.08	4.84	5.79	2.77	1.52	2.61	1.11	4.07	4.42	39.04
48	.12	3.75	3.18	6.93	12.24	6.03	4.28	.82	1.88	1.08	44.22
08	.32	2.60	4.16	1.07	3.92	1.56	1.58	3.76	4.08	2.09	35.31
97	.17	2.49	3.55	3.86	4.23	1.93	1.07	3.05	1.97	2.14	30.39
68	.91	4.34	4.14	2.24	5.41	5.82	2.16	1.59	3.68	2.38	39.46
52	.45	1.21	3.72	.36	5.28	1.18	3.75	2.75	3.52	2.52	35.62
63	.73	2.17	2.47	2.44	2.73	2.73	.55	.26	.69	1.10	25.65
10	.48	5.82	1.96	3.42	2.73	1.62	1.93	.45	2.10	4.40	37.17
55	.09	5.91	.85	2.75	3.76	4.32	7.07	3.19	1.55	1.18	39.61
72	.91	4.75	3.56	.94	4.91	2.89	3.41	1.13	5.79	3.92	39.67
74	.13	3.46	6.41	.94	2.74	.89	3.62	2.23	2.94	2.61	34.69
79	.45	2.55	10.21	3.75	.73	2.18	2.87	1.69	3.79	4.85	39.61
54	.34	3.22	1.99	6.53	3.99	3.70	.99	1.81	3.58	2.80	33.85
54	.91	5.25	5.07	5.37	3.88	3.25	5.92	1.70	3.54	3.09	45.57
49	.74	.67	5.95	3.73	4.67	4.47	2.13	1.72	1.49	3.69	37.47
30	.57	4.01	6.18	2.37	1.86	3.76	4.69	2.58	5.38	3.87	45.99
15	.47	5.06	3.84	6.57	4.75	4.11	1.33	4.09	5.15	3.03	45.05
22	.12	4.19	4.69	5.24	.73	4.94	4.14	1.43	3.22	2.81	40.10
23	.75	3.06	2.08	3.99	1.56	6.21	3.88	3.00	1.29	2.53	38.86

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 4
LST TO UTC: +05 MONTH: ALL HOURS:

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NO
76	2.74	2.37	2.52	1.48	1.17	4.94	4.71	5.23	1.65	2.62	.43
77	1.22	.58	3.15	4.20	1.51	2.64	3.83	4.11	3.19	2.50	2.78
78	5.35	.30	3.27	2.65	3.53	4.39	3.31	7.00	1.01	2.70	1.80
79	3.02	3.15	.88	3.46	3.42	2.98	5.24	5.44	7.31	1.45	4.62
80	2.04	1.01	4.18	2.43	4.01	6.07	4.94	9.51	1.11	1.91	2.00
81	.49	3.00	1.64	6.23	7.32	4.32	2.95	1.43	2.02	1.98	1.74
82	5.66	1.96	4.34	1.74	4.67	2.89	4.25	4.36	1.88	.89	5.30
83	1.36	.81	1.19	5.40	5.43	4.01	2.15	1.06	1.43	5.18	4.79
84	1.54	2.17	4.09	4.11	5.31	.98	2.38	3.93	3.25	4.04	3.57
85	1.29	1.91	3.53	.83	7.26	2.44	8.78	3.31	1.34	2.25	11.91
86	1.73	2.74	2.05	1.33	1.84	4.13	2.55	2.42	3.79	2.45	3.56
87	.93	.31	2.11	2.43	3.67	3.16	3.33	2.64	1.32	1.55	1.43
88	2.47	4.25									

LEAST	.49	.00	.83	.67	.83	.98	.73	.00	.59	.26	.43
GREATEST	7.40	4.59	9.88	6.52	10.21	7.45	12.24	9.51	7.31	5.18	11.91
MEAN	2.43	2.24	3.57	3.47	4.01	3.67	3.92	3.41	2.69	2.02	3.00
MEDIAN	2.12	2.14	3.36	3.34	3.62	3.74	3.90	3.39	2.13	1.98	2.43
SD	1.618	1.210	2.119	1.616	1.962	1.775	2.019	2.142	1.639	1.091	1.991
TOTAL OBS	1364	1249	1365	1319	1363	1320	1364	1372	1347	1364	1320

THE GREATEST VALUE OF 12.24 OCCURRED ON 07/56

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

TOTAL MONTHLY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

ION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: 4208-4909,5102-8802
I UTC: +05 — MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.92	1.48	1.17	4.94	4.71	5.23	1.68	2.62	.43	.69	31.88
5.15	4.20	1.51	2.64	3.83	4.11	3.19	2.50	2.78	3.33	33.04
5.27	2.65	3.53	4.39	3.31	7.00	1.01	2.70	1.80	5.02	40.33
.43	3.46	3.42	2.98	5.24	6.44	7.31	1.45	4.62	1.78	43.75
4.18	2.43	4.01	6.07	4.94	9.51	1.11	1.91	2.00	1.99	41.20
1.44	6.23	7.32	4.32	2.95	1.43	2.02	1.98	1.74	2.42	36.44
1.34	1.74	4.67	2.89	4.25	4.36	1.88	.89	5.30	4.97	42.71
2.19	5.40	5.43	4.01	2.15	1.06	1.43	5.18	4.79	3.57	37.38
1.09	4.11	5.31	.98	2.38	3.93	3.25	4.04	3.57	2.99	38.36
.53	.83	7.26	2.44	8.78	3.31	1.34	2.25	11.91	1.65	46.50
.75	1.39	1.84	4.13	2.55	2.42	3.79	2.45	3.56	3.16	31.93
1.11	2.43	3.67	3.16	3.33	2.64	1.32	1.55	1.43	3.62	27.00
										6.72*
.5	.67	.25	.35	.73	.00	.55	.26	.43	.42	6.72
.1	5.52	10.21	7.45	12.24	9.51	7.31	5.18	11.91	5.03	46.50
.7	3.47	4.01	3.67	3.92	3.41	2.69	2.02	3.00	2.74	37.31
.3	3.34	3.62	3.74	3.90	2.89	2.13	1.35	2.93	2.71	37.47
.11	1.615	1.962	1.775	2.019	2.142	1.639	1.091	1.991	1.215	5.763
3	1319	1363	1320	1364	1372	1347	1364	1320	1364	16101

.8 12.24 OCCURRED ON 07/58

* 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: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 42
LST TO UTC: +05 MONTH: ALL HOURS:

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
42								.00*	1.37	.30	1.20
43	.29	.59	2.61	.90	1.08	1.48	.89	1.00	.33	.20	.72
44	.40	.80	1.58	.59	1.03	1.41	1.22	.77	.48	.64	.49
45	.23	1.96	3.18	1.40	1.23	1.10	1.10	.59	.97	.90	.71
46	.36	.98	.60*	.56	1.06	1.60	1.47	.70	1.40	.49	.64
47	1.42	.18	.66	1.35	1.34	1.28	1.73	2.75	1.63	.55	.54
48	1.37	.63	1.10	1.93	.89	1.10	1.98	1.00	.91	1.33	.74
49	1.89	1.05	1.58	.66	.59	1.61	.95	.66	.68		
51		.00*	1.02*	.73	.99	1.00	1.02	.25	.75	.62	.99
52	2.36	.64	1.55	1.33	.94	.30	.36	1.20	.57	.39	.29
53	1.36	.47	.33	.53	.58	.54	1.91	2.36	.50	.49	.45
54	1.04	.62	.78	1.07	.36	.86	1.93	.68	1.05	.82	.21
55	.19	.65	1.77	.49	.84	1.06	1.11	.46	.84	.43	1.05
56	.53	.67	.93	1.29	1.03	.43	1.13	.75	.98	.78	.42
57	.61	.30	.43	1.25	1.14	1.85	1.77	.63	1.59	.62	1.10
58	.66	.36	.43	.94	.77	1.79	2.17	2.79	1.30	.26	.66
59	2.75	.74	.71	.30	1.47	.55	.91	1.06	1.06	1.17	1.07
60	.53	.98	.35	.74	.63	1.48	1.61	.44	.45	1.39	.63
61	.30	.81	.80	1.18	2.09	.84	1.04	2.62	1.19	.64	1.63
62	.61	1.30	.94	.38	.96	.16	1.10	.63	.96	.82	1.56
63	.69	.24	3.14	.75	.81	.61	1.01	.69	.54	.17	.32
64	.45	.47	3.28	1.46	.47	.92	.89	.90	1.03	.17	.78
65	.56	.96	.63	1.31	.37	1.44	1.32	1.09	2.47	1.20	.36
66	1.24	.88	.42	1.52	1.23	.43	1.33	1.67	1.06	.44	1.42
67	.35	.76	1.21	1.03	1.44	.42	1.33	.29	1.21	.58	.57
68	.75	.24	1.17	.73	2.78	.89	.18	.73	1.12	.50	1.13
69	.84	.32	.35	1.11	.79	1.14	1.29	3.07	.33	.35	1.12
70	.60	.38	.91	1.63	1.18	1.61	1.31	1.85	2.22	.34	1.97
71	.95	1.50	1.11	.21	2.39	2.15	2.21	2.06	.39	.44	.55
72	.46	.54	.43	1.04	2.45	1.01	.60	1.83	1.10	1.15	1.34
73	.32	.42	.94	1.14	.72	1.52	1.77	1.40	.51	1.38	1.48
74	.47	1.32	1.00	1.21	1.63	1.31	.54	1.14	1.07	.56	.74
75	.40	2.79	1.23	1.00	1.06	.90	.70	1.24	1.18	1.74	.31

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NAME: RICKENBACKER ANGB OH
PERIOD OF RECORD: 4208-4909,5102-9802
ST TO UTC: +05
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
					.00*	1.37	.30	1.20	1.69	1.69*
2.61	.90	1.08	1.48	.89	1.00	.33	.20	.72	.60	2.61
1.56	.89	1.03	1.41	1.22	.77	.48	.64	.49	.91	1.58
3.18	1.40	1.23	1.10	1.10	.59	.97	.90	.71	.37	3.18
.60*	.56	1.06	1.50	1.47	.70	1.40	.49	.64	1.17	1.50*
.66	1.35	1.34	1.28	1.73	2.75	1.63	.55	.54	.72	2.75
1.10	1.93	.89	1.10	1.98	1.00	.91	1.33	.74	1.06	1.98
1.53	.66	.59	1.61	.95	.66	.68				1.89*
1.02*	.73	.99	1.00	1.02	.25	.75	.62	.99	.99	1.02*
1.55	1.33	.94	.90	.86	1.20	.67	.39	.29	.61	2.26
.33	.53	.58	.58	1.81	2.36	.50	.49	.45	.63	2.36
.78	1.07	.36	.86	1.93	.68	1.05	.82	.21	.55	1.93
1.77	.49	.84	1.06	1.11	.46	.84	.43	1.05	.27	1.77
.98	1.29	1.03	.43	1.13	.75	.98	.78	.42	.90	1.29
.43	1.25	1.14	1.85	1.77	.53	1.59	.62	1.10	.93	1.85
.43	.94	.77	1.79	2.17	2.79	1.30	.26	.66	.62	2.79
.71	.30	1.47	.55	.91	1.06	1.06	1.17	1.07	.61	2.75
.35	.74	.63	1.48	1.61	.44	.45	1.39	.63	.51	1.61
.93	1.18	2.09	.84	1.04	2.62	1.19	.64	1.63	.56	2.62
.74	.33	.96	.16	1.10	.63	.96	.82	1.56	.66	1.80
3.14	.78	.81	.61	1.01	.69	.54	.17	.32	.33	3.14
3.28	1.46	.47	.92	.89	.90	1.03	.17	.78	1.22	3.28
.63	1.31	.37	1.44	1.32	1.09	2.47	1.20	.36	.36	2.47
.49	1.52	1.23	.43	1.33	1.67	1.06	.44	1.42	1.38	1.67
1.21	1.03	1.44	.42	1.39	.29	1.21	.58	.57	.48	1.44
1.17	.73	2.78	.89	.18	.73	1.12	.50	1.13	1.52	2.78
.35	1.11	.79	1.14	1.29	3.07	.33	.35	1.12	.75	3.07
.91	1.63	1.18	1.61	1.31	1.85	2.22	.34	1.97	1.08	2.22
1.11	.21	2.39	2.15	2.21	2.06	.39	.44	.55	1.31	2.39
.43	1.04	2.45	1.01	.50	1.93	1.10	1.15	1.34	1.12	2.45
.74	1.14	.72	1.52	1.77	1.40	.51	1.38	1.48	.92	1.77
1.00	1.21	1.63	1.31	.54	1.14	1.07	.56	.74	.59	1.63
1.23	1.00	1.06	.90	.70	1.24	1.18	1.74	.31	.55	2.79

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: +05 MONTH: ALL HOU

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
76	.66	.75	.56	.82	.42	1.75	1.32	2.40	.45	.57	
77	.38	.16	.96	1.45	.40	.93	1.93	1.32	.83	1.07	
78	1.25	.09	1.06	.98	.65	1.53	1.16	2.18	.87	.80	
79	.36	1.28	.17	.61	.73	.63	1.78	.91	2.81	.26	1
80	1.37	.31	.73	.95	1.15	1.96	2.00	2.25	.54	.55	
81	.14	1.22	.34	1.66	.93	1.33	1.16	.41	.91	.44	
82	1.42	.39	.84	.76	1.04	1.41	1.86	2.56	.98	.36	1
83	.56	.36	.24	2.54	1.03	1.61	1.03	.22	.69	1.20	
84	.44	.70	1.54	1.32	1.05	.49	.61	1.20	1.13	1.01	1
85	.29	.69	1.06	.16	2.70	1.05	3.90	1.61	.69	.95	2
86	1.30	.64	.55	.49	.50	1.42	1.32	.82	1.20	1.10	1
87	.36	.43	1.34	.79	1.26	1.44	1.43	1.63	.42	.57	
88	1.23	1.44									
GREATEST	2.75	2.79	3.28	2.54	2.78	2.15	3.90	3.07	2.81	1.74	2
TOTAL OBS	1364	1249	1353	1319	1363	1320	1364	1372	1347	1364	1

THE GREATEST VALUE OF 3.90 OCCURRED ON 07/15/85

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

EXTREME DAILY PRECIPITATION AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

TION NAME: RICKENBACKER ANGB OH
TO UTC: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.55	.82	.42	1.75	1.32	2.40	.45	.57	.25	.43	2.40
.95	1.45	.40	.93	1.93	1.32	.83	1.07	.75	1.09	1.93
1.06	.98	.65	1.53	1.16	2.18	.87	.80	.79	1.71	2.18
.17	.61	.73	.63	1.78	.91	2.81	.26	1.02	.58	2.81
.73	.95	1.15	1.96	2.00	2.25	.54	.55	.79	.31	2.25
.34	1.66	.93	1.33	1.16	.41	.91	.44	.73	.49	1.66
.34	.76	1.04	1.41	1.86	2.56	.88	.36	1.16	1.11	2.56
.24	2.54	1.03	1.61	1.03	.22	.69	1.20	.99	.86	2.54
1.54	1.32	1.05	.49	.61	1.20	1.13	1.01	1.07	.55	1.54
1.05	.16	2.70	1.05	3.90	1.61	.69	.95	2.71	.82	3.90
.55	.49	.50	1.42	1.32	.82	1.20	1.10	1.45	1.09	1.45
1.34	.79	1.26	1.44	1.43	1.63	.42	.57	.40	.66	1.63
										1.44*
3.24	2.54	2.78	2.15	3.90	3.07	2.81	1.74	2.71	1.71	3.90
1353	1319	1363	1320	1364	1372	1347	1364	1320	1364	16101

OF 3.90 OCCURRED ON 07/15/85

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: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: +05 MONTH: ALL HOURS

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
NONE	52.9	58.9	71.4	92.0	99.8	100.0	100.0	100.0	100.0	98.7
TRACE	25.7	23.5	17.4	6.3	.2					1.0
0.1-0.4	8.2	7.5	4.7	1.0						.2
0.5-1.4	8.2	6.6	4.0	.3						.1
1.5-2.4	2.8	1.6	1.3	.2	.1					
2.5-3.4	1.1	.5	.6	.1						.1
3.5-4.4	.7	.3	.3							
4.5-6.4	.4	1.0	.2							
6.5-10.4	.1	.1	.2	.1						
10.5-15.4										
15.5-25.4										
25.5-50.4										
OVER 50.4										
DAYS WITH MEAS AMTS	21.4	17.6	11.2	1.6	.1					.3
TOTAL NO. OF OBSERVATIONS	1271	1164	1271	1229	1271	1230	1271	1271	1227	1240

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

NAME: RICKENBACKER ANGB OH
UTC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
71.4	92.0	99.8	100.0	100.0	100.0	100.0	98.7	81.2	62.2	84.9
17.4	6.3	.2					1.0	12.8	23.1	9.1
4.7	1.0						.2	3.2	6.0	2.5
4.0	.3						.1	1.6	5.2	2.1
1.3	.2	.1						.5	1.9	.7
.5	.1						.1	.7	1.0	.3
.3								.1	.2	.1
.2									.5	.2
.2	.1							.1		.0
11.2	1.5	.1					.3	6.1	14.8	6.0
1271	1229	1271	1230	1271	1271	1227	1240	1200	1240	14887

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 46
LST TO UTC: +05 MONTH: ALL HOURS:

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
46	3.2	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	.0
47	1.4	3.3	2.8	.0	.0	.0	.0	.0	.0	.0	TRACE
48	13.6	10.1	TRACE	.0	.0	.0	.0	.0	.0	.0	.0
49	5.8	.3	5.0	TRACE	.0	.0	.0	.0	.0		
51		.0*	4.0	TRACE	.0	.0	.0	.0	.0	TRACE	1.2
52	.4	3.3	1.6	TRACE	.0	.0	.0	.0	.0	TRACE	3.6
53	4.1	TRACE	3.1	1.6	.0	.0	.0	.0	.0	.0	1.8
54	5.3	6.7	4.9	.3	2.0	.0	.0	.0	.0	.2	.1
55	7.3	3.2	2.0	.0	.0	.0	.0	.0	.0	.0	5.1
56	3.1	.9	8.9	TRACE	.0	.0	.0	.0	.0	.0	.9
57	7.1	3.0	2.8	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE
58	3.7	3.0	4.1	TRACE	.0	.0	.0	.0	.0	.0	9.0
59	7.8	1.4	11.4	TRACE	.0	.0	.0	.0	.0	.0	8.8
60	1.8	11.6	10.5	TRACE	.0	.0	.0	.0	.0	.0	1.0
61	10.0	9.8	TRACE	.7	.0	.0	.0	.0	.0	.0	1.1
62	4.5	11.9	15.7	1.4	.0	.0	.0	.0	.0	2.7	TRACE
63	8.5	7.0	.5	TRACE	.0	.0	.0	.0	.0	.0	.8
64	9.8	7.9	1.9	TRACE	.0	.0	.0	.0	.0	.0	1.3
65	11.5	9.1	5.1	.0	.0	.0	.0	.0	.0	.0	2.9
66	8.7	3.9	1.5	1.4	TRACE	.0	.0	.0	.0	.0	4.1
67	2.0	14.6	9.3	.0	.0	.0	.0	.0	.0	.5	3.2
68	9.7	2.1	2.5	TRACE	.0	.0	.0	.0	.0	.0	1.7
69	2.0	2.4	4.1	TRACE	.0	.0	.0	.0	.0	.0	3.3
70	11.2	2.3	8.2	.4	.0	.0	.0	.0	.0	.0	.6
71	4.5	7.7	7.3	TRACE	.0	.0	.0	.0	.0	.0	2.1
72	2.3	6.4	1.5	.3	.0	.0	.0	.0	.0	TRACE	5.1
73	3.5	.8	.3	5.4	.0	.0	.0	.0	.0	.0	TRACE
74	2.0	3.1	4.9	.4	.0	.0	.0	.0	.0	.4	1.3
75	5.4	1.5	2.4	TRACE	.0	.0	.0	.0	.0	.0	1.3
76	10.7	.3	.4	.0	.0	.0	.0	.0	.0	TRACE	1.8
77	14.0	7.1	1.1	TRACE	.0	.0	.0	.0	.0	.0	1.9
78	24.9	2.6	3.6	TRACE	.0	.0	.0	.0	.0	TRACE	TRACE
79	15.3	12.2	.7	TRACE	.0	.0	.0	.0	.0	.0	TRACE
80	5.8	5.4	.4	TRACE	.0	.0	.0	.0	.0	.0	4.5

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

NAME: RICKENBACKER ANGB OH
STC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TRACE	.0	.0	.0	.0	.0	.0	.0	1.7	5.5
.0	.0	.0	.0	.0	.0	.0	TRACE	1.6	9.1
.0	.0	.0	.0	.0	.0	.0	.0	3.8	27.5
TRACE	.0	.0	.0	.0	.0				11.1*
TRACE	.0	.0	.0	.0	.0	TRACE	1.2	10.8	16.0*
TRACE	.0	.0	.0	.0	.0	TRACE	3.6	5.4	14.3
1.6	.0	.0	.0	.0	.0	.0	1.8	4.5	15.1
.3	2.0	.0	.0	.0	.0	.2	.1	3.4	22.9
.0	.0	.0	.0	.0	.0	.0	5.1	2.3	19.9
TRACE	.0	.0	.0	.0	.0	.0	.9	2.6	21.4
TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.9	18.8
TRACE	.0	.0	.0	.0	.0	.0	9.0	9.6	29.4
TRACE	.0	.0	.0	.0	.0	.0	8.8	6.5	35.9
TRACE	.0	.0	.0	.0	.0	.0	1.0	19.1	44.0
.7	.0	.0	.0	.0	.0	.0	1.1	7.1	28.7
1.4	.0	.0	.0	.0	.0	2.7	TRACE	12.9	49.1
TRACE	.0	.0	.0	.0	.0	.0	.8	11.2	28.1
TRACE	.0	.0	.0	.0	.0	.0	1.3	1.7	22.6
.0	.0	.0	.0	.0	.0	.0	2.9	2.5	31.1
1.4	TRACE	.0	.0	.0	.0	.0	4.1	4.9	29.5
.0	.0	.0	.0	.0	.0	.5	3.2	4.4	34.0
TRACE	.0	.0	.0	.0	.0	.0	1.7	4.6	20.6
TRACE	.0	.0	.0	.0	.0	.0	3.3	6.7	18.5
.4	.0	.0	.0	.0	.0	.0	.6	.5	23.2
TRACE	.0	.0	.0	.0	.0	.0	2.1	.3	21.9
.3	.0	.0	.0	.0	.0	TRACE	5.1	2.6	18.3
5.4	.0	.0	.0	.0	.0	.0	TRACE	6.7	17.2
.4	.0	.0	.0	.0	.0	.4	1.3	6.4	18.5
TRACE	.0	.0	.0	.0	.0	.0	1.3	3.3	13.9
.0	.0	.0	.0	.0	.0	TRACE	1.8	2.4	16.1
TRACE	.0	.0	.0	.0	.0	.0	1.9	6.6	32.7
TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.4	31.5
TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	28.2
TRACE	.0	.0	.0	.0	.0	.0	4.5	6.3	22.4

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF
LST TO UTC: +05 MONTH: AL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
81	5.6	2.4	1.2	.0	.0	.0	.0	.0	.0
82	9.9	4.4	1.2	1.9	.0	.0	.0	.0	.0
83	.7	3.2	1.1	TRACE	.0	.0	.0	.0	.0
84	8.9	11.1	2.2	TRACE	.0	.0	.0	.0	.0
85	11.3	11.9	TRACE	.2	.0	.0	.0	.0	.0
86	4.0	3.8	2.7	TRACE	.0	.0	.0	.0	.0
87	2.9	2.0	5.1	8.4	.0	.0	.0	.0	.0
88	3.6	4.9							
LEAST	.4	.0	TRACE	.0	.0	.0	.0	.0	.0
GREATEST	24.9	14.6	15.7	8.4	2.0	.0	.0	.0	.0
MEAN	6.9	5.3	3.6	.5	TRACE	.0	.0	.0	.0
MEDIAN	5.3	3.3	2.5	TRACE	.0	.0	.0	.0	.0
SD	4.939	4.035	3.563	1.570	.312	.000	.000	.000	.000
TOTAL OBS	1271	1166	1271	1229	1271	1230	1271	1271	1227

THE GREATEST VALUE OF 24.9 OCCURRED ON 01/73

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

TOTAL MONTHLY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NAME: RICKENBACKER ANGB OH
TO UTC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
1.2	.0	.0	.0	.0	.0	.0	.0	.2	6.3	15.7
1.2	1.9	.0	.0	.0	.0	.0	.0	TRACE	2.8	19.2
1.1	TRACE	.0	.0	.0	.0	.0	.0	.2	3.8	9.0
2.2	TRACE	.0	.0	.0	.0	.0	.0	1.1	5.7	29.0
TRACE	.2	.0	.0	.0	.0	.0	.0	TRACE	5.4	29.3
3.7	TRACE	.0	.0	.0	.0	.0	.0	.2	.4	16.1
5.1	8.4	.0	.0	.0	.0	.0	.0	.5	1.8	20.7
										8.5*

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: +05 MONTH: ALL 40

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
46	[illegible]	.6	TRACE	TRACE	.0	.0	.0	.0	.0	.0	
47	.5	1.8	1.5	.0	.0	.0	.0	.0	.0	.0	T
48	[illegible]	6.3	TRACE	.0	.0	.0	.0	.0	.0	.0	
49	3.5	.3	1.0	TRACE	.0	.0	.0	.0	.0		
51		.0*	1.4	TRACE	.0	.0	.0	.0	.0	TRACE	
52	.4	1.8	1.2	TRACE	.0	.0	.0	.0	.0	TRACE	
53	1.5	TRACE	1.6	1.6	.0	.0	.0	.0	.0	.0	
54	[illegible]	4.0	2.6	.3	2.0	.0	.0	.0	.0	.2	
55	1.6	1.9	1.1	.0	.0	.0	.0	.0	.0	.0	
56	3.5	.7	6.9	TRACE	.0	.0	.0	.0	.0	.0	
57	[illegible]	2.6	2.3	TRACE	.0	.0	.0	.0	.0	TRACE	T
58	[illegible]	1.4	3.9	TRACE	.0	.0	.0	.0	.0	.0	
59	[illegible]	.7	6.2	TRACE	.0	.0	.0	.0	.0	.0	
60	.8	3.0	3.7	TRACE	.0	.0	.0	.0	.0	.0	
61	[illegible]	4.5	TRACE	.4	.0	.0	.0	.0	.0	.0	
62	[illegible]	[illegible]	[illegible]	1.1	.0	.0	.0	.0	.0	2.7	T
63	[illegible]	[illegible]	.2	TRACE	.0	.0	.0	.0	.0	.0	
64	[illegible]	[illegible]	1.3	TRACE	.0	.0	.0	.0	.0	.0	
65	[illegible]	4.5	1.2	.0	.0	.0	.0	.0	.0	.0	
66	[illegible]	[illegible]	.7	1.0	TRACE	.0	.0	.0	.0	.0	
67	.0	[illegible]	[illegible]	.0	.0	.0	.0	.0	.0	.5	
68	[illegible]	1.2	1.0	TRACE	.0	.0	.0	.0	.0	.0	
69	.9	.8	3.5	TRACE	.0	.0	.0	.0	.0	.0	
70	[illegible]	.8	[illegible]	.4	.0	.0	.0	.0	.0	.0	
71	[illegible]	[illegible]	[illegible]	TRACE	.0	.0	.0	.0	.0	.0	
72	[illegible]	[illegible]	.8	.3	.0	.0	.0	.0	.0	TRACE	
73	[illegible]	.6	.8	3.4	.0	.0	.0	.0	.0	.0	T
74	[illegible]	[illegible]	[illegible]	.4	.0	.0	.0	.0	.0	.4	
75	[illegible]	.8	[illegible]	TRACE	.0	.0	.0	.0	.0	.0	
76	[illegible]	.5	.4	.0	.0	.0	.0	.0	.0	TRACE	
77	[illegible]	[illegible]	[illegible]	TRACE	.0	.0	.0	.0	.0	.0	
78	[illegible]	.9	[illegible]	TRACE	.0	.0	.0	.0	.0	TRACE	T
79	[illegible]	[illegible]	.7	TRACE	.0	.0	.0	.0	.0	.0	T
80	[illegible]	[illegible]	.3	TRACE	.0	.0	.0	.0	.0	.0	

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

NAME: RICKENBACKER ANGB OH
TC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
TRACE	.0	.0	.0	.0	.0	.0	.0	1.1	2.0
.0	.0	.0	.0	.0	.0	.0	TRACE	.8	1.8
.0	.0	.0	.0	.0	.0	.0	.0	3.4	9.5
TRACE	.0	.0	.0	.0	.0				3.5*
TRACE	.0	.0	.0	.0	.0	TRACE	.4	6.2	6.2*
TRACE	.0	.0	.0	.0	.0	TRACE	3.4	2.1	3.4
1.5	.0	.0	.0	.0	.0	.0	1.7	2.7	2.7
.3	2.0	.0	.0	.0	.0	.2	.1	1.0	4.9
.0	.0	.0	.0	.0	.0	.0	4.2	1.0	4.2
TRACE	.0	.0	.0	.0	.0	.0	.5	.8	6.9
TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	5.8	5.8
TRACE	.0	.0	.0	.0	.0	.0	8.8	4.5	8.8
TRACE	.0	.0	.0	.0	.0	.0	3.1	4.1	6.2
TRACE	.0	.0	.0	.0	.0	.0	1.0	5.0	5.0
.4	.0	.0	.0	.0	.0	.0	1.0	2.8	4.5
1.1	.0	.0	.0	.0	.0	2.7	TRACE	4.9	9.6
TRACE	.0	.0	.0	.0	.0	.0	.4	3.4	3.6
TRACE	.0	.0	.0	.0	.0	.0	1.0	1.0	4.5
.0	.0	.0	.0	.0	.0	.0	2.7	1.8	6.1
1.0	TRACE	.0	.0	.0	.0	.0	2.7	1.9	5.1
.0	.0	.0	.0	.0	.0	.5	2.6	2.3	6.4
TRACE	.0	.0	.0	.0	.0	.0	1.1	3.0	4.7
TRACE	.0	.0	.0	.0	.0	.0	1.9	3.0	3.5
.4	.0	.0	.0	.0	.0	.0	.6	.4	2.7
TRACE	.0	.0	.0	.0	.0	.0	1.1	.3	5.6
.3	.0	.0	.0	.0	.0	TRACE	2.5	1.2	5.4
3.4	.0	.0	.0	.0	.0	.0	TRACE	2.3	3.4
.4	.0	.0	.0	.0	.0	.4	.4	2.4	4.2
TRACE	.0	.0	.0	.0	.0	.0	.8	1.3	2.2
.0	.0	.0	.0	.0	.0	TRACE	1.5	1.5	2.8
TRACE	.0	.0	.0	.0	.0	.0	1.9	2.2	5.3
TRACE	.0	.0	.0	.0	.0	TRACE	TRACE	.4	5.4
TRACE	.0	.0	.0	.0	.0	.0	TRACE	TRACE	6.4
TRACE	.0	.0	.0	.0	.0	.0	3.4	2.3	3.4

OPERATING LOCATION (A)
USAFETAC, ASHEVILLE NC

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 4
LST TO UTC: +05 MONTH: ALL HOURS:

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NO
81	1.3	1.3	.5	.0	.0	.0	.0	.0	.0	.0	.1
82	2.6	2.7	1.0	1.3	.0	.0	.0	.0	.0	.0	TRACE
83	.5	1.3	1.0	TRACE	.0	.0	.0	.0	.0	.0	.2
84	2.5	5.5	1.0	TRACE	.0	.0	.0	.0	.0	.0	1.1
85	3.7	4.9	TRACE	.2	.0	.0	.0	.0	.0	.0	TRACE
86	1.2	2.7	1.3	TRACE	.0	.0	.0	.0	.0	.0	.2
87	1.4	2.0	3.0	7.9	.0	.0	.0	.0	.0	.0	.4
88	2.0	1.4									
GREATEST	9.3	8.5	9.6	7.9	2.0	.0	.0	.0	.0	2.7	4.9
TOTAL OBS	1271	1165	1271	1229	1271	1230	1271	1271	1227	1240	1200

THE GREATEST VALUE OF 9.6 OCCURRED ON 03/05/62

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

EXTREME DAILY SNOWFALL AMOUNTS IN INCHES
FROM SUMMARY OF DAY DATA

NAME: RICKENBACKER ANGB OH
STC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
.0	.0	.0	.0	.0	.0	.0	.1	3.3	3.3
1.3	.0	.0	.0	.0	.0	.0	TRACE	1.8	2.7
TRACE	.0	.0	.0	.0	.0	.0	.2	1.5	1.5
TRACE	.0	.0	.0	.0	.0	.0	1.1	3.1	8.5
.2	.0	.0	.0	.0	.0	.0	TRACE	1.6	4.9
TRACE	.0	.0	.0	.0	.0	.0	.2	.4	2.7
7.9	.0	.0	.0	.0	.0	.0	.4	.7	7.9
									2.0*
7.9	2.0	.0	.0	.0	.0	2.7	8.9	6.2	9.6
1229	1271	1230	1271	1271	1227	1240	1200	1240	14887

9.6 OCCURRED ON 03/05/62

USED IN 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: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 4
LST TO UTC: +05 MONTH: ALL HOURS:

AMOUNTS (INCHES)	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
NONE	54.0	63.4	83.7	98.3	100.0	100.0	100.0	100.0	100.0	99.9
TRACE	14.2	12.6	6.6	1.0						.1
1	9.?	7.3	3.3	.4						
2	7.3	4.0	2.4	.2						
3	3.6	3.8	1.2	.1						
4-6	9.4	6.1	2.1							
7-12	3.9	2.6	.3	.1						
13-24	.3	.2								
25-36										
37-48										
49-60										
61-120										
OVER 120										
DAYS WITH MEAS AMTS	31.?	24.1	9.7	.?						
TOTAL NO. OF OBSERVATIONS	1344	1240	1352	1317	1364	1320	1364	1395	1348	1364

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

NAME: RICKENBACKER ANGB OH
UTC: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
93.7	98.3	100.0	100.0	100.0	100.0	100.0	99.9	94.2	70.9	88.9
6.5	1.0						.1	3.0	9.3	3.8
3.3	.4							1.4	7.5	2.4
2.4	.2							.8	5.3	1.6
1.2	.1							.2	2.8	1.0
2.1								.3	3.9	1.7
.3	.1							.1	.4	.5
										.0
7.7	.8							2.8	19.9	7.3
1352	1317	1364	1320	1364	1395	1348	1364	1315	1339	16062

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: +05 MONTH: ALL HOURS

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	N
42								0	0	0	
43	2*	2*	2*	2	0	0	0	0	0	0	
44	0	2*	5*	0	0	0	0	0	0	0	
45	4*	4*	0	0	0	0	0	0	0	0	
46	1	TRACE	TRACE	0	0	0	0	0	0	0	
47	1	TRACE	2	0	0	0	0	0	0	0	TRAC
48	9	8	1	0	0	0	0	0	0	0	
49	2	4	2	0	0	0	0	0	0		
51		0*	2	TRACE	0	0	0	0	0	0	
52	TRACE	1	2	0	0	0	0	0	0	0	
53	2	TRACE	2	2	0	0	0	0	0	0	
54	3	1	4	TRACE	0	0	0	0	0	0	TRAC
55	3	3	1	0	0	0	0	0	0	0	
56	5	1	7	0	0	0	0	0	0	0	
57	4	2	3	TRACE	0	0	0	0	0	0	
58	1	1	4	0	0	0	0	0	0	0	
59	4	1	5	0	0	0	0	0	0	0	
60	TRACE	4	6	0	0	0	0	0	0	0	
61	7	7	TRACE	TRACE	0	0	0	0	0	0	TRAC
62	2	5	10	TRACE	0	0	0	0	0	TRACE	
63	6	4	TRACE	0	0	0	0	0	0	0	TRAC
64	8	3	1	0	0	0	0	0	0	0	
65	8	5	1	0	0	0	0	0	0	0	
66	3	14	1	1	0	0	0	0	0	0	
67	0	6	5	0	0	0	0	0	0	0	
68	7	1	1	0	0	0	0	0	0	0	
69	1	1	TRACE	0	0	0	0	0	0	0	
70	6	1	4	0	0	0	0	0	0	0	
71	2	7	2	0	0	0	0	0	0	0	
72	2	4	1	TRACE	0	0	0	0	0	0	
73	2	TRACE	1	2	0	0	0	0	0	0	
74	3	2	5	TRACE	0	0	0	0	0	0	TRAC
75	3	1	2	TRACE	0	0	0	0	0	0	

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

NAME: RICKENBACKER ANGB OH
PERIOD OF RECORD: 4208-4909,5102-8802
TC: +05
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				0	0	0	2	4*	4*
2	0	0	0	0	0	0	0*	2*	2*
0	0	0	0	0	0	0	0	6	6*
0	0	0	0	0	0	0	0	6*	6*
0	0	0	0	0	0	0	0	TRACE	1
0	0	0	0	0	0	0	TRACE	5	5
0	0	0	0	0	0	0	0	2	9
0	0	0	0	0	0				4*
TRACE	0	0	0	0	0	0	1	10	10*
0	0	0	0	0	0	0	2	4	4
2	0	0	0	0	0	0	1	2	2
TRACE	0	0	0	0	0	0	TRACE	1	4
0	0	0	0	0	0	0	3	2	3
0	0	0	0	0	0	0	1	1	7
TRACE	0	0	0	0	0	0	0	6	6
0	0	0	0	0	0	0	7	4	7
0	0	0	0	0	0	0	5	2	5
0	0	0	0	0	0	0	1	9	9
TRACE	0	0	0	0	0	0	TRACE	4	7
TRACE	0	0	0	0	0	TRACE	0	4	10
0	0	0	0	0	0	0	TRACE	5	6
0	0	0	0	0	0	0	1	1	8
0	0	0	0	0	0	0	0	1	8
1	0	0	0	0	0	0	3	3	14
2	0	0	0	0	0	0	1	4	6
0	0	0	0	0	0	0	0	3	7
0	0	0	0	0	0	0	1	5	5
0	0	0	0	0	0	0	0	0	6
0	0	0	0	0	0	0	1	TRACE	7
TRACE	0	0	0	0	0	0	3	1	4
2	0	0	0	0	0	0	0	4	4
TRACE	0	0	0	0	0	0	TRACE	1	5
TRACE	0	0	0	0	0	0	0	1	3

OPERATING LOCATION *A*
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724235 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: +05 MONTH: ALL HOUR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
76	4	1	TRACE	0	0	0	0	0	0	0	
77	9	8	1	TRACE	0	0	0	0	0	0	
78	15	8	4	0	0	0	0	0	0	0	
79	7	10	1	0	0	0	0	0	0	0	TRA
80	4	4	1	0	0	0	0	0	0	0	
81	4	1	1	0	0	0	0	0	0	0	
82	4	4	1	1	0	0	0	0	0	0	
83	1	2	1	0	0	0	0	0	0	0	
84	3	11	3	0	0	0	0	0	0	0	
85	6	7	0	0	0	0	0	0	0	0	
86	2	4	3	0	0	0	0	0	0	0	TRA
87	1	2	4	8	0	0	0	0	0	0	TRA
88	2	2									
GREATEST	15	14	10	8	0	0	0	0	0	TRACE	
TOTAL OBS	1344	1240	1352	1317	1364	1320	1364	1395	1348	1364	13

THE GREATEST VALUE OF 15 OCCURRED ON 01/21/78

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 80% OF THE DATA AVAILABLE FOR T

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

NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: 4208-4909,5102-8802
UTC: +05 — MONTH: ALL HOURS: ALL

R	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
	0	0	0	0	0	0	0	2	1	4
1	TRACE	0	0	0	0	0	0	2	2	9
	0	0	0	0	0	0	0	0	TRACE	15
1	0	0	0	0	0	0	0	TRACE	TRACE	10
1	0	0	0	0	0	0	0	4	2	4
1	0	0	0	0	0	0	0	0	4	4
1	1	0	0	0	0	0	0	0	0	4
1	0	0	0	0	0	0	0	0	1	2
	0	0	0	0	0	0	0	0	4	11
	0	0	0	0	0	0	0	0	2	7
	0	0	0	0	0	0	0	TRACE	TRACE	4
	8	0	0	0	0	0	0	TRACE	TRACE	8
										2*

)	8	0	0	0	0	0	TRACE	7	10	15
?	1317	1364	1320	1364	1395	1348	1364	1315	1339	16062

15 OCCURRED ON 01/21/78

ASED ON A MONTH WITH LESS THAN 90% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECO
SNOW-YEAR: 1

SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL
42 - 43			NOV 29		
43 - 44			DEC 10		
44 - 45			DEC 12		
45 - 46	JAN 01	JAN 01	DEC 14	APR 12	FEB 24
46 - 47	DEC 01	DEC 15	JAN 04	MAR 26	MAR 26
47 - 48	NOV 24	DEC 23	DEC 23	MAR 28	FEB 22
48 - 49	DEC 10	DEC 10	DEC 19	APR 17	MAR 18
50 - 51	MAR 13	MAR 13	MAR 14	APR 17	MAR 19
51 - 52	OCT 31	NOV 02	NOV 03	APR 06	MAR 09
52 - 53	OCT 28	NOV 29	NOV 29	APR 21	APR 18
53 - 54	NOV 05	NOV 07	NOV 27	MAY 09	MAY 09
54 - 55	OCT 30	OCT 31	DEC 20	MAR 27	MAR 26
55 - 56	NOV 04	NOV 18	NOV 18	APR 13	MAR 24
56 - 57	NOV 06	NOV 23	NOV 24	APR 13	MAR 08
57 - 58	OCT 26	DEC 03	DEC 04	APR 07	MAR 15
58 - 59	NOV 28	NOV 28	NOV 28	APR 12	MAR 13
59 - 60	NOV 06	NOV 26	NOV 26	APR 09	MAR 26
60 - 61	NOV 06	NOV 29	NOV 30	APR 29	APR 02
61 - 62	NOV 08	NOV 19	DEC 23	APR 20	APR 20
62 - 63	OCT 24	OCT 25	DEC 06	APR 30	MAR 21
63 - 64	NOV 02	NOV 13	DEC 03	APR 08	MAR 30
64 - 65	NOV 19	NOV 29	NOV 30	MAR 27	MAR 25
65 - 66	NOV 17	NOV 17	DEC 21	MAY 11	APR 09
66 - 67	NOV 02	NOV 02	NOV 03	MAR 22	MAR 20
67 - 68	OCT 28	OCT 28	NOV 30	APR 24	MAR 23
68 - 69	NOV 09	NOV 09	DEC 18	APR 19	MAR 26
69 - 70	NOV 13	NOV 13	NOV 16	APR 06	APR 06
70 - 71	NOV 04	NOV 25	JAN 17	APR 02	MAR 23

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

ME: RICKENBACKER ANGB OH

PERIOD OF RECORD: 4208-4909,5102-8802
SNOW-YEAR: 1 AUG - 31 JUL

RST SURABLE OWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
	NOV 29			APR 15
	DEC 10			MAR 21
	DEC 12			FEB 06
N 01	DEC 14	APR 12	FEB 24	JAN 23
EC 15	JAN 04	MAR 26	MAR 26	MAR 26
EC 23	DEC 23	MAR 28	FEB 22	MAR 11
EC 10	DEC 19	APR 17	MAR 18	MAR 17
N 13	MAR 14	APR 17	MAR 19	MAR 20
OV 02	NOV 03	APR 06	MAR 09	MAR 01
OV 29	NOV 29	APR 21	APR 18	APR 19
OV 07	NOV 27	MAY 09	MAY 09	MAR 11
EC 31	DEC 20	MAR 27	MAR 26	MAR 26
OV 19	NOV 19	APR 19	MAR 24	MAR 19
OV 23	NOV 24	APR 13	MAR 08	MAR 09
EC 03	DEC 04	APR 07	MAR 15	MAR 15
OV 26	NOV 28	APR 12	MAR 13	MAR 14
OV 26	NOV 26	APR 09	MAR 26	MAR 26
OV 29	NOV 30	APR 29	APR 02	FEB 26
OV 19	DEC 23	APR 20	APR 20	MAR 31
CT 25	DEC 06	APR 30	MAR 21	FEB 28
OV 13	DEC 03	APR 09	MAR 30	MAR 12
OV 29	NOV 30	MAR 27	MAR 25	MAR 25
OV 17	DEC 21	MAY 11	APR 09	APR 09
OV 02	NOV 03	MAR 22	MAR 20	MAR 20
CT 28	NOV 30	APR 24	MAR 23	MAR 24
OV 09	DEC 18	APR 19	MAR 26	FEB 12
OV 13	NOV 15	APR 06	APR 06	MAR 29
OV 25	JAN 17	APR 02	MAR 23	MAR 23

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH

PERIOD OF RECORD:
SNOW-YEAR: 1 AUG

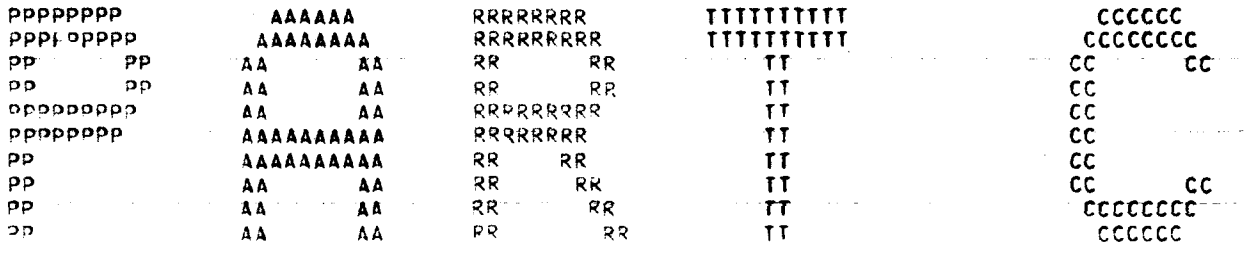
SNOW-YEAR	FIRST SNOWFALL	FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	ME SN
71 - 72	NOV 03	NOV 06	NOV 07	APR 06	APR 02	
72 - 73	OCT 18	NOV 26	NOV 28	APR 12	APR 12	
73 - 74	NOV 05	DEC 10	DEC 15	APR 09	APR 08	
74 - 75	OCT 19	OCT 20	DEC 01	APR 14	MAR 10	
75 - 76	NOV 13	NOV 25	DEC 29	MAR 17	MAR 16	
76 - 77	OCT 27	NOV 28	NOV 29	APR 06	MAR 01	
77 - 78	NOV 10	NOV 27	NOV 28	APR 02	MAR 08	
78 - 79	OCT 16	DEC 24	JAN 03	APR 09	MAR 14	
79 - 80	NOV 15	JAN 04	JAN 05	APR 15	MAR 14	
80 - 81	NOV 17	NOV 17	NOV 18	MAR 21	MAR 20	
81 - 82	NOV 20	NOV 20	DEC 17	APR 10	APR 09	
82 - 83	NOV 04	DEC 10	JAN 17	APR 19	MAR 22	
83 - 84	NOV 11	NOV 11	DEC 08	APR 18	MAR 13	
84 - 85	NOV 11	NOV 18	DEC 06	APR 09	APR 08	
85 - 86	NOV 20	DEC 05	DEC 14	APR 22	MAR 07	
86 - 87	NOV 11	NOV 13	JAN 11	APR 05	APR 05	
87 - 88	NOV 11	NOV 20	JAN 08	FEB 27	FEB 25	
MEDIAN-DATE	NOV 08	NOV 24	DEC 05	APR 09	MAR 22	

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

STATION NAME: RICKENBACKER ANGB OH

PERIOD OF RECORD: 4208-4909,5102-8802
SNOW-YEAR: 1 AUG - 31 JUL

FIRST MEASURABLE SNOWFALL	FIRST MEASURABLE SNOW DEPTH	LAST SNOWFALL	LAST MEASURABLE SNOWFALL	LAST MEASURABLE SNOW DEPTH
NOV 06	NOV 07	APR 08	APR 02	MAR 24
NOV 26	NOV 28	APR 12	APR 12	APR 12
DEC 10	DEC 15	APR 09	APR 08	MAR 26
OCT 30	DEC 01	APR 14	MAR 10	MAR 11
NOV 25	DEC 29	MAR 17	MAR 16	FEB 01
NOV 28	NOV 29	APR 06	MAR 01	MAR 01
NOV 27	NOV 28	APR 02	MAR 08	MAR 13
DEC 24	JAN 03	APR 03	MAR 14	MAR 15
JAN 04	JAN 05	APR 15	MAR 14	MAR 04
NOV 17	NOV 18	MAR 21	MAR 20	MAR 20
NOV 20	DEC 17	APR 10	APR 09	APR 09
DEC 10	JAN 17	APR 19	MAR 22	MAR 11
NOV 11	DEC 08	APR 18	MAR 13	MAR 13
NOV 14	DEC 06	APR 09	APR 08	FEB 22
DEC 05	DEC 14	APR 22	MAR 07	MAR 09
NOV 13	JAN 11	APR 05	APR 05	APR 06
NOV 20	JAN 08	FEB 27	FEB 25	FEB 14
NOV 24	DEC 05	APR 09	MAR 22	MAR 15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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 PEAK SPEEDS ARE AVAILABLE.

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 METER

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: 724290 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: +05 MONTH: ALL HOU

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
46	SW *43	WSW*27	*	*	*	*	*	*	*	*	
47	SW 33	SW 36	SW 53	S 44	SW *42	W *42	*	ESE*34	SSW*28	*	
48	*	*	*	SSW*34	*	SSE*46	WNW*20	S *27	SW 56	WSW*30	WS
49	SW 56	WSW 37	SW 43	SW 40	SW 43	SSW 35	SW 35	W *32	WNW*36		
51		*	*	*	*	WNW*28	*	*	*	*	
52	WNW*53	SW 53	SW 49	W 43	NW 53	N 40	NW 44	SSW 41	W 52	SW 35	SW
53	NW 39	SW 48	S 51	W 50	WSW 39	WSW 36	WSW 46	W 58	WNW 47	NNW 30	WSW
54	SW 38	SW 53	S 55	SW 49	WSW 46	WNW 60	NW 69	WNW 40	NNW 43	WNW 41	W
55	WNW 36	S 32	SW 74	WSW 46	W 51	WNW 45	WSW 36	WSW 44	WSW 50	WNW 42	W
56	WNW 51	WNW 72	SSW 44	WSW 33	SW 32	WNW 23	NW 40	S 32	WSW 32	WNW 31	SW
57	S 31	NW 33	WSW 30	WSW 55	WSW 54	WSW 45	N 25	WSW 20	WSW 23	S 22	WSW
58	SSW 36	WNW 30	WSW 23	WNW 34	WNW 42	W NW 75	WNW 36	SW 32	W 27	WSW 24	NW
59	WSW 43	W 35	W 47	W 39	WSW 26	SE 37	SW 33	WSW 27	E 26	W 37	SW
60	WSW 32	WSW 36	W 38	WSW 38	W 48	WNW 56	SW 30	N 32	W 19	SSE 23	WSW
61	WNW 34	SSW 33	SW 40	W 41	W 40	W 30	W 44	SW *23	SW *23	W *34	W
62	SW 40	W 34	SW 32	NW 42	WSW*37	NW 24	W 27	NW *25	W *23	WNW 30	W
63	WSW*24	W *25	W *42	W *42	SW *46	NW *42	WNW*30	WSW*30	N *31	WSW*30	NW
64	WSW 42	W 27	SW 43	WNW 54	SW 44	WSW 40	SSW 33	W 57	WSW 25	W 36	W
65	W 44	WSW 42	ESE 41	NW 43	WSW 38	WSW 35	WSW 40	W 31	WNW 49	W 36	WNW
66	W 32	WSW 31	WSW 42	W 36	WSW 32	N 31	NW 44	NW 28	SW 30	WNW 33	SW
67	SW 37	W 50	WNW 40	W 45	W 49	W 35	N 36	WSW 27	WSW 24	W 34	W
68	W 31	SW 40	SW 34	WNW 42	SW 38	SW 35	34/ 31	18/ 54	20/ 30	23/ 32	23/
69	21/ 32	35/ 30	21/ 36	23/ 36	27/ 40	22/ 41	35/ 39	33/ 26	24/ 26	27/ 30	20/
70	21/ 32	21/ 30	24/ 37	27/ 57	31/ 34	20/ 38	33/ 30	10/ 31	29/ 32	23/ 30	22/
71	24/ 32	24/ 42	21/ 35	21/ 33	32/ 40	34/ 50	20/ 56	20/ 34	19/ 31	27/ 29	30/
72	27/ 44	33/ 34	22/ 42	27/ 35	21/ 26	32/ 34	26/ 50	26/ 43	33/ 32	33/ 31	24/
73	25/ 43	31/ 44	29/ 47	20/ 44	22/ 44	27/ 46	33/ 43	22/ 44	33/ 37	29/ 35	22/
74	20/ 43	24/ 51	23/ 45	25/ 55	26/ 41	23/ 32	29/ 35	03/ 35	23/ 33	21/ 31	22/
75	29/ 52	25/ 46	35/ 45	26/ 54	33/ 34	21/ 40	27/ 35	27/ 44	21/ 40	23/ 34	25/
76	27/ 43	24/ 37	25/*43	24/ 40	21/ 46	23/ 31	24/ 43	29/ 27	34/ 25	26/ 28	24/
77	24/ 44	23/ 36	27/ 42	30/ 46	23/ 40	24/ 40	27/ 40	29/ 37	24/ 25	35/ 28	24/
78	24/ 41	30/ 25	21/ 23	21/ 50	24/ 35	34/ 49	25/ 27	24/ 44	28/ 27	32/ 25	25/
79	21/ 31	05/ 30	24/ 42	29/ 50	29/ 29	25/ 36	25/ 32	28/ 53	28/ 31	24/ 35	22/
80	23/ 41	34/ 40	32/ 35	23/ 33	27/ 40	29/ 29	33/ 40	32/ 60	34/ 34	07/ 33	21/

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NAME: RICKENBACKER ANGB OH
GMT TIME: UTC: +05

PERIOD OF RECORD: 4601-4909,5102-9802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
*	*	*	*	*	*	*	*	*	*	SW *43
[illegible] 54	S 44	SW *42	W *42	*	SSE*34	SSW*28	*	*	*	SW *53
*	SSW*34	*	SSE*45	WNW*20	S *27	NW 56	WSW*30	WSW 38	SW 38	NW *56
SW 43	SW 40	SW 43	SSW 35	SW 35	W *32	WNW*36				SW *56
*	*	*	WNW*28	*	*	*	*	*	*	WNW*28
[illegible] 43	W 43	NW 53	N 40	NW 44	SSW 41	W 52	SW 36	SW 52	NW 29	WNW*59
[illegible] 51	N 50	WSW 39	WSW 36	WSW 46	W [illegible]	WNW 47	NNW 30	WSW 32	SW 51	W 60
[illegible]	SW 49	WSW 46	WNW 60	NW 69	WNW 40	NNW 43	WNW 41	W 40	SW 52	NW 69
W 74	WSW 46	W 51	WNW 45	WSW 36	WSW 44	WSW 50	WNW 42	W 47	WSW 35	SW 74
[illegible] 44	WSW 33	SW 32	WNW 28	NW 40	S 32	WSW 32	WNW 31	SW 36	SSW 29	WNW 72
[illegible] 30	WSW 55	WSW 54	WSW 46	N 25	WSW 20	WSW 23	S 22	WSW 33	SSE 30	WSW 55
[illegible] 28	WNW 34	WNW 42	WNW 75	WNW 35	SW 32	W 27	WSW 28	NW 31	W 28	WNW 75
[illegible] 47	W 39	WSW 26	SE 37	SW 33	WSW 27	E 26	W 37	SW 32	WNW 28	W 47
[illegible]	WSW 38	W 43	WNW 55	SW 30	N 32	W 19	SSE 28	WSW 30	W 30	NNW 55
W 41	N 41	W 40	W 30	W 44	SW *23	SW *23	W *34	W *27	WNW*35	W *44
[illegible] 37	NW 42	WSW*37	NW 24	W 27	NW *26	W *23	WNW 30	W *30	W 39	NW *42
*42	W *42	SW *46	NE *42	WNW*30	WSW*30	N *31	WSW*30	NW *30	W *32	SW *46
[illegible] 43	WNW 54	SW 44	WSW 40	SSW 33	W 57	WSW 25	W 36	W 35	WSW 31	W 57
[illegible] 41	NW 43	WSW 38	WSW 36	WSW 40	W 31	NNW 49	W 38	WNW 48	SSW 33	NNW 49
[illegible] 42	W 35	WSW 32	N 31	NW 44	NW 24	SW 30	WNW 33	SW 34	W 37	NW 44
[illegible] 42	W 45	W 49	W 35	N 34	WSW 27	WSW 29	W 34	W 31	W 31	W 50
[illegible] 34	WNW 42	SW 38	SW 35	34/ 31	18/ 54	20/ 30	23/ 32	23/ 38	24/ 44	18/ 54
21/ 35	23/ 36	27/ 40	22/ 41	36/ 39	33/ 26	24/ 26	27/ 30	20/ 34	21/ 30	22/ 41
27 37	27/ 57	31/ 34	20/ 38	33/ 30	10/ 31	29/ 32	23/ 30	22/ 44	30/ 50	27/ 57
17 35	21/ 35	32/ 40	34/ 50	20/ 66	20/ 34	19/ 31	27/ 28	32/ 31	22/ 54	20/ 66
[illegible] 32	27/ 36	21/ 26	32/ 34	26/ 50	25/ 43	33/ 32	33/ 31	26/ 23	24/ 41	26/ 50
[illegible] 47	20/ 44	22/ 44	27/ 46	33/ 43	22/ 44	33/ 37	29/ 35	22/ 35	22/ 52	22/ 52
[illegible] 45	25/ 55	26/ 41	23/ 32	29/ 35	03/ 35	28/ 33	21/ 31	22/ 44	35/ 33	25/ 55
26/ 46	26/ 54	33/ 34	21/ 40	27/ 36	27/ 44	21/ 40	23/ 34	25/ 43	24/ 32	26/ 54
[illegible] 40	24/ 40	21/ 46	23/ 31	24/ 43	23/ 27	34/ 25	26/ 26	24/ 27	25/ 30	24/*43
[illegible] 40	30/ 46	23/ 40	24/ 40	27/ 40	23/ 37	24/ 28	35/ 28	26/ 32	24/ 40	30/ 46
21/ 34	21/ 50	24/ 35	34/ 49	25/ 7	24/ 44	29/ 27	32/ 25	24/ 30	20/ 36	24/ 61
24/ 42	29/ 50	29/ 29	26/ 36	25/ 32	28/ 53	28/ 31	24/ 36	22/ 31	28/ 49	28/ 53
32/ 36	24/ 33	27/ 40	29/ 29	33/ 40	32/ 60	34/ 38	07/ 33	21/ 34	29/ 35	32/ 60

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724288 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: +05 MONTH: ALL HOUR

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	N
81	30/ 25	24/ 34	36/ 34	28/ 33	27/ 50	30/ 36	25/ 26	27/ 23	23/ 26	24/ 42	22/
82	23/ 47	25/ 33	26/ 45	29/ 42	25/ 35	31/ 39	27/ 46	33/ 24	29/ 25	16/ 27	23/
83	33/ 28	24/ 28	28/ 33	13/ 35	23/ 43	24/ 30	20/ 31	31/ 41	21/ 30	23/ 33	14/
84	32/ 26	33/ 29	25/ 36	21/ 38	25/ 27	24/ 31	29/ 24	33/ 25	35/ 30	23/ 31	23/
85	20/ 37	31/ 31	28/ 44	24/ 44	23/ 39	24/ 40	28/ 32	28/ 27	30/ 26	29/ 31	28/
86	27/ 32	27/ 28	29/ 59	24/ 31	31/ 35	25/ 33	30/ 37	28/ 40	23/ 33	33/ 30	23/
87	24/ 34	35/ 33	26/ 31	35/ 42	30/ 26	12/ 39	15/ 34	33/ 32	34/ 38	26/ 29	21/
88	30/ 39	21/ 44									
GREATEST	24/ 81	WNW 72	SW 74	W 60	WSW 54	WNW 75	NW 69	32/ 60	NW 56	WNW 42	SW
TOTAL OBS	1235	1081	1158	1127	1149	1122	1136	1125	1119	1116	10

THE PEAK WIND OF 75 FROM WNW OCCURRED ON 06/13/58

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

PEAK SURFACE WINDS IN KNOTS
FROM SUMMARY OF DAY DATA

AME: RICKENBACKER ANGB OH
TC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
28/ 33	27/ 50	30/ 36	25/ 26	27/ 28	23/ 26	24/ 42	22/ 33	26/ 29	27/ 50
24/ 42	25/ 35	31/ 38	27/ 46	33/ 28	29/ 25	16/ 27	23/ 31	21/ 40	23/ 47
13/ 35	23/ 43	24/ 30	20/ 31	31/ 41	21/ 30	23/ 33	14/ 43	24/ 37	23/ 43
21/ 38	25/ 27	24/ 31	29/ 24	33/ 25	35/ 30	23/ 31	23/ 30	16/ 30	21/ 38
24/ 44	23/ 39	24/ 40	28/ 32	29/ 27	30/ 26	29/ 31	28/ 33	25/ 38	28/ 44
24/ 31	31/ 35	25/ 33	30/ 37	28/ 40	23/ 33	33/ 30	23/ 35	31/ 32	20/ 59
35/ 42	30/ 26	12/ 39	15/ 34	33/ 32	34/ 38	26/ 29	21/ 32	21/ 55	21/ 55
									21/*44
M 60	WSW 54	WNW 75	NW 69	32/ 60	NW 56	WNW 42	SW 52	21/ 55	WNW 75
1127	1140	1122	1136	1125	1119	1116	1071	1127	13536

M WNW OCCURRED ON 06/13/58

ED ON A MONTH WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH
OR GREATER WITH LESS THAN 90% OF DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 460
LST TO UTC: +05 MONTH: ALL HOURS: A

MONTH	CALM-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
					WIND SPEEDS IN KNOTS						
JAN	.7	6.9	21.7	25.0	20.3	12.0	8.0	2.7	1.9	.7	.0
FEB	.3	7.9	21.6	24.1	21.1	13.4	7.1	2.6	1.6	.4	.1
MAR	.0	3.9	15.9	26.6	22.5	14.2	8.3	4.4	3.7	.5	.1
APR	.1	2.9	14.5	26.5	22.6	14.3	10.2	4.8	3.4	.7	.0
MAY	.1	5.2	24.0	28.2	21.3	10.3	5.3	2.1	2.1	.3	.0
JUN	.1	5.3	25.5	27.3	22.5	9.5	4.7	2.2	1.7	.3	.1
JUL	.0	7.2	32.2	31.1	16.3	4.9	3.4	1.1	1.3	.3	.2
AUG	.2	11.3	35.6	27.3	14.2	5.6	2.5	.5	1.2	.4	.0
SEP	.3	11.4	33.5	24.7	17.2	5.5	1.3	.6	.6	.3	.0
OCT	.1	8.7	31.5	28.7	17.7	7.3	3.5	1.5	.3	.0	.0
NOV	.2	9.4	23.2	24.0	21.4	12.3	5.3	1.7	.9	.2	.0
DEC	.4	7.9	24.4	22.3	22.1	12.6	5.2	2.4	1.2	.7	.0
ANNUAL	.2	7.6	25.3	26.7	19.9	10.3	5.6	2.2	1.7	.4	.0

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

NAME: RICKENBACKER A'GB OH
UTC: +05

PERIOD OF RECORD: 4601-4909,5102-8802
MONTH: ALL HOURS: ALL

	WIND SPEEDS IN KNOTS								MEAN	MEDIAN	TOTAL
	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	WIND	WIND	OBS
	25.0	20.3	12.0	8.0	2.7	1.9	.7	.0	19.8	18.0	1205
	24.1	21.1	13.4	7.1	2.6	1.6	.4	.1	19.6	19.0	1081
	26.6	22.5	14.2	8.3	4.4	3.7	.5	.1	21.7	20.0	1158
	26.5	22.6	14.3	10.2	4.8	3.4	.7	.0	22.2	21.0	1127
	29.2	21.3	10.3	5.3	2.1	2.1	.3	.0	19.3	18.0	1149
	27.3	22.5	9.5	4.7	2.2	1.7	.3	.1	18.9	17.0	1122
	31.1	16.3	4.9	3.4	1.1	1.3	.3	.2	17.0	16.0	1136
	27.3	14.2	5.6	2.5	.5	1.2	.4	.0	16.2	15.0	1125
	28.7	17.2	5.5	1.3	.6	.6	.3	.0	16.2	15.0	1119
	29.7	17.7	7.3	3.6	1.5	.3	.0	.0	17.1	16.0	1116
	24.0	21.4	12.8	5.3	1.7	.9	.2	.0	18.7	18.0	1071
	22.4	22.1	12.6	5.2	2.4	1.2	.7	.0	19.1	18.0	1127
	26.7	19.9	10.3	5.6	2.2	1.7	.4	.0	18.8	17.0	13536

OPERATING LOCATION "AM" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS W
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79
LST TO UTC: + 5 MONTH: JAN HOURS: 00-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	2.9	2.9	.9									6.7
020-040	3.4	1.4	.8									5.6
050-070	2.5	1.4	.8									4.7
(E) 080-100	1.0	.9										1.8
110-130	.5	.6										1.3
140-160	1.3	2.2	.9	.2								4.5
(S) 170-190	3.2	4.6	1.5	.2								10.1
200-220	3.6	5.4	2.3	.8	.2							12.2
230-250	1.3	3.1	3.1	.4	.4							10.3
(W) 260-280	2.4	2.9	4.7	1.6	.4							12.3
290-310	1.7	4.0	2.4	.8	.2	.1						9.1
320-340	1.1	2.2	.9	.2								4.3
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 - FEB 88
TIME ZONE: GMT + 5 MONTH: JAN HOURS: 00-02

	WIND SPEED IN KNOTS										
	1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
[illegible]	.3									6.7	5.8	5.0
5.	.3									5.6	4.8	4.0
4.	.3									4.7	5.3	4.0
[illegible]										1.8	4.8	4.0
4.										1.3	5.3	5.5
5.	.3	.2								4.5	7.0	6.5
7.	1.5	.2								10.1	6.2	6.0
[illegible]	1.3	.5	.2							12.2	7.7	8.0
7.	1.1	.4	.4							10.3	8.3	8.0
[illegible]	4.7	1.5	.4							12.3	9.8	10.0
9.	2.4	.9	.2	.1						9.1	8.7	8.0
[illegible]	.7	.2								4.3	7.4	7.0
[illegible]	////	////	////	////	////	////	////	////	////	17.1	////////////	
[illegible]	9.3	4.4	1.2	.1						100.0	6.2	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JAN HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	.9	.1							
020-040	2.3	1.3	.3								
050-070	2.9	1.5	.5								
(E) 080-100	1.3	1.4	.3								
110-130	.3	.5									
140-160	1.0	1.4	.1	.3	.1						
(S) 170-190	3.3	4.0	2.0	.3	.1						
200-220	2.9	5.7	3.3	.9	.2						
230-250	2.5	3.9	3.9	.5	.1						
(W) 260-280	1.6	4.4	4.1	1.6	.8						
290-310	1.4	3.2	1.8	1.0	.2						
320-340	1.2	2.4	1.0	.2							
VARIABLE											
CALM	////////////

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JAN HOURS: 03-05

	WIND SPEED IN KNOTS										
	14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
		.1								6.3	6.1	5.0
										4.3	5.7	4.0
										5.1	5.2	4.0
										3.0	5.8	6.0
										.9	5.0	5.0
	.1	.3	.1							2.9	7.1	7.0
		.3	.1							9.8	6.8	6.0
		.9	.2							13.4	8.4	8.0
		.5	.1							10.1	8.2	8.0
	.1	1.8	.8							12.6	10.5	10.0
		1.0	.2							7.6	8.7	8.0
		.4								5.3	8.4	8.0
	//									18.7	//////////	
	.4	5.7	1.5							100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AM-
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JAN HOURS:

		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
(N)	350-010	2.2	2.8	1.3	.1							
	020-040	1.9	1.2	.2								
	050-070	1.3	3.2	1.2	.3							
(E)	080-100	1.7	1.0	.2								
	110-130	.9	.5									
	140-160	1.4	1.0	.2								
(S)	170-190	4.7	4.2	2.2	.4	.1						
	200-220	3.4	4.7	4.0	.6	.2						
	230-250	2.4	4.3	3.4	.3	.2						
(W)	260-280	1.5	3.7	3.7	1.9	.3						
	290-310	1.3	2.7	2.6	.6	.1						
	320-340	1.1	1.3	2.3	.3							
	VARIABLE											
	CALM	//										
	TOTALS	24.3	39.6	31.2	4.5	.9						1

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: 06-08

	WIND SPEED IN KNOTS											
	11-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.3	.1								6.3	6.6	6.0
	.2									3.3	4.2	3.0
	1.2	.3								5.3	7.2	6.0
	.4									2.9	4.4	4.0
										1.4	3.8	3.0
	.2									2.4	5.2	4.0
	2.2	.4	.1							11.6	6.5	6.0
	4.2	.6	.2							13.0	7.9	8.0
	2.4	.3	.2							10.5	8.3	8.0
	5.7	1.9	.3							11.1	10.1	10.0
	2.4	.6	.1							7.3	9.0	8.0
	2.4	.3								4.9	9.0	10.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	19.5	//////////	//////////
	31.2	4.5	.9							100.0	6.1	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: PICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS: 09-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	1.6	3.0	1.6									6.2
020-040	1.1	1.5	1.1									3.7
050-070	2.0	1.0	1.0	.4								4.4
(E) 080-100	.9	1.5	.5									3.0
110-130	2.0	1.3	.2									3.5
140-160	1.1	2.2	.9									4.1
(S) 170-190	2.7	4.2	2.6	.3	.1							9.9
200-220	2.7	4.4	4.3	1.2	.3	.1						14.0
230-250	1.7	4.5	4.3	1.1	.1							11.7
(W) 260-280	1.6	5.1	4.4	1.8	.8							13.5
290-310	1.6	2.7	2.3	.5	.2							7.7
320-340	.6	1.6	2.3	.4	.1							5.3
VARIABLE												
CALM	//////////////

...TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

...E: PICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
...: + 5 MONTH: JAN HOURS: 09-11

	WIND SPEED IN KNOTS									
	1--19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
									6.2	6.9	6.0
									3.7	6.5	6.0
	.4								4.4	7.0	5.0
									3.0	6.2	5.5
									3.5	4.6	4.0
									4.1	6.2	6.0
	.3	.1							9.9	7.4	6.5
	1.2	.3	.1						14.0	8.9	8.0
	1.1	.1							11.7	9.2	9.0
	1.5	.8							13.5	10.4	10.0
	.5	.2							7.7	9.1	8.0
	.2	.1							5.3	10.0	10.0
	//								12.9	//////////	
	...	1.6	.1						100.0	7.3	8.0

... NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JAN HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	2.6	1.7									
020-040	.8	1.7	.8									
050-070	1.5	1.9	1.2									
(E) 080-100	.8	1.2	.5									
110-130	1.0	1.1	.3									
140-160	1.2	2.7	1.1									
(S) 170-190	1.4	4.4	3.0	.5								
200-220	1.1	5.7	5.2	1.3	.5	.1						1
230-250	1.0	3.8	4.3	3.4	.5	.2						1
(W) 260-280	1.1	4.2	6.5	3.0	1.2	.1						1
290-310	1.0	3.4	3.9	1.1	.1							
320-340	.9	2.9	3.5	.5								
VARIABLE												
CALM	//											
TOTALS	12.8	35.6	32.5	9.8	2.3	.4						1

TOTAL NUMBER OF OBSERVATIONS 930

:TAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
+ 5 MONTH: JAN HOURS: 12-14

WIND SPEED IN KNOTS								TOTAL %	MEAN WIND	MEDIAN WIND
-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
								5.3	7.4	7.0
								3.2	6.7	6.5
								4.6	6.5	6.0
								2.5	6.7	6.0
								2.4	6.0	5.5
								4.9	6.7	6.0
.5								9.4	8.3	8.0
1.3	.5	.1						13.9	10.0	10.0
3.4	.5	.2						13.8	11.7	12.0
3.0	1.2	.1						16.0	11.7	12.0
1.1	.1							9.5	9.7	10.0
.5								7.8	9.1	10.0
//////////								6.8	//////////	
7.8	2.3	.4						100.0	8.8	9.0

L NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 -
LST TO UTC: + 5 MONTH: JAN HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.0	2.7	1.4									5.1
020-040	1.1	1.5	.2									2.9
050-070	1.3	2.3	.5									4.2
(E) 080-100	2.3	1.7	.5	.1								4.6
110-130	.6	1.8		.1								2.6
140-160	1.7	2.5	.1									4.3
(S) 170-190	4.1	4.1	1.2	.2								9.6
200-220	1.9	3.1	4.5	1.2	.4							11.2
230-250	1.5	4.6	4.3	2.5	.8	.2						13.8
(W) 260-280	1.8	5.3	6.1	2.4	.6							17.3
290-310	1.2	4.0	4.7	1.0	.4	.1						11.4
320-340	.6	2.7	3.0	.4	.1							6.9
VARIABLE												
CALM	////////////

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

STATION: PICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ZONE + 5 MONTH: JAN HOURS: 15-17

WIND SPEED IN KNOTS								TOTAL %	MEAN WIND	MEDIAN WIND
1-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
								5.1	7.2	7.0
								2.9	5.9	6.0
								5.2	5.8	5.0
.1								4.6	5.6	5.0
.1								2.6	6.0	6.0
								4.3	5.1	5.0
.2								9.6	6.0	6.0
1.2	.4							11.2	9.7	10.0
1.8	.8	.2						13.8	11.0	10.5
2.4	.6							17.3	10.1	10.0
1.8	.4	.1						11.4	9.7	10.0
.4	.1							6.9	9.6	10.0
//								5.3	//////////	
7.9	2.3	.3						100.0	8.2	8.0

NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JAN HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	T
(N) 350-010	2.0	3.3	1.0									
020-040	2.6	1.2	.2									
050-070	2.9	1.2	.1									
(E) 080-100	1.3	1.5	.2									
110-130	2.0	1.2	.3									
140-160	2.2	3.5	.2									
(S) 170-190	2.9	3.8	1.1		.1							
200-220	1.8	4.7	2.2	.3			.1					
230-250	2.3	3.3	3.2	.3	.8	.4						
(W) 260-290	3.9	4.5	4.4	2.5	.8							1
290-310	2.6	3.7	1.8	1.4								
320-340	2.0	4.0	1.6	.5	.1							
VARIABLE												
CALM	//////////////

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

: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
+ 5 MONTH: JAN HOURS: 18-20

WIND SPEED IN KNOTS										
6-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
								6.3	5.2	5.0
								3.9	4.4	4.0
								4.2	4.4	4.0
								3.0	5.2	5.0
								3.5	5.2	4.0
								5.9	5.6	6.0
	.1							7.8	5.9	5.0
.3			.1					9.1	7.6	7.0
.4	.8	.4						9.8	9.7	9.0
2.6	.8							16.0	9.5	9.0
1.4								9.5	8.2	7.0
.7	.1							8.3	7.2	6.0
//								12.6	//////////	
5.0	1.8	.4	.1					100.0	6.4	6.0

L NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS: 21

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	3.0	3.2	.9									7.
020-040	2.6	1.3	.5									4.
050-070	2.7	.5	.9									4.
(E) 080-100	1.6	.3	.1									2.
110-130	1.3	1.5	.4									3.
140-160	2.3	2.5	.3	.1								5.
(S) 170-190	3.9	3.5	1.5	.1	.1							9.
200-220	2.8	4.0	3.1			.1						10.
230-250	1.6	2.7	2.2	.6	.8	.3	.2					8.
(W) 260-280	1.8	5.3	3.0	1.6	.4	.1						12.
290-310	3.2	3.8	2.8	1.2	.1							11.
320-340	2.2	2.0	1.7	.3								6.
VARIABLE												
CALM	////	////	////	////	////	////	////	////	////	////	////	16.
TOTALS	29.0	30.6	17.9	3.9	1.4	.5	.2					100.

TOTAL NUMBER OF OBSERVATIONS 930

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JAN HOURS: 21-23

	WIND SPEED IN KNOTS									
	16-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
									7.1	5.7	5.0
									4.4	5.0	4.0
									4.1	5.0	4.0
									2.0	3.7	3.0
									3.2	5.7	5.0
	.1								5.6	5.6	5.0
	.1	.1							9.1	6.0	6.0
			.1						10.0	7.7	8.0
	.6	.5	.3	.2					8.4	11.0	9.0
	1.6	.4	.1						12.3	9.4	9.0
	1.2	.1							11.1	8.1	7.0
	.3								6.2	7.2	6.0
	//								16.5	//////////	
	3.9	1.4	.5	.2					100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS: AL

	WIND SPEED IN KNOTS										
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(DEGREES)												%
(N) 350-010	2.0	2.9	1.2	.0								6.
020-040	1.9	1.4	.6									3.
050-070	2.3	1.6	.8	.1								4.
(E) 080-100	1.3	1.2	.3	.0								2.
110-130	1.1	1.1	.2	.0								2.
140-160	1.6	2.2	.5	.1	.0							4.
(S) 170-190	3.3	4.1	1.9	.3	.1							9.
200-220	2.5	4.8	3.7	.8	.2	.0	.0					12.
230-250	1.8	3.9	3.5	1.2	.5	.1	.0					11.
(W) 260-280	1.9	4.5	4.6	2.1	.7	.0						13.
290-310	1.7	3.4	2.8	.9	.2	.0						9.
320-340	1.2	2.4	2.0	.5	.0							6.
VARIABLE												
CALM	////	////	////	////	////	////	////	////	////	////	////	13.
TOTALS	22.5	33.6	22.1	6.0	1.7	.1						100.

TOTAL NUMBER OF OBSERVATIONS 7440

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: JAN HOURS: ALL

	WIND SPEED IN KNOTS									
	17-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.0								6.2	6.4	6.0
									3.9	5.3	5.0
	.1								4.7	5.8	6.0
	.0								2.9	5.4	5.0
	.2								7.4	5.3	5.0
	.1	.0							4.4	6.1	6.0
	.3	.1							9.7	6.7	6.0
	.4	.2	.0	.0					12.1	8.5	8.0
	1.2	.5	.1	.0					11.0	9.8	9.0
	2.1	.7	.0						13.9	10.2	10.0
	.4	.2	.0						9.2	8.9	8.0
	.5	.0							6.1	8.5	8.0
									13.7		
	5.0	1.7	.1						100.0	6.9	8.0

TAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

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

VISIBILITY OF 1/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILI

	WIND SPEED IN KNOTS										
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	65 AND OVER	TOTAL
(DEGREES)												
(N) 350-010	1.3	5.1	2.7									9.1
020-040	1.4	1.4	1.2									4.0
050-070	1.1	1.3	.5	.4								4.3
(E) 080-100	2.1	1.7	.3	.1								4.2
110-130	1.3	1.2	.3									3.1
140-160	1.3	.4	.3	.1								2.1
(S) 170-190	2.3	3.4	2.5	.2								8.4
200-220	3.6	5.3	3.4	.3								12.6
230-250	1.7	5.6	5.3	1.3	.5							13.4
(W) 260-280	1.9	5.5	4.4	1.5	.5							14.0
290-310	1.2	3.2	1.6	.9	.2	.1						7.1
320-340	.6	2.4	3.2	.6	.1							6.9
VARIABLE												
CALM	//////////////

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

...ENWACKER ANGB GH PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN HOURS: ALL

...1800 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
...METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

WIND DIR	WIND SPEED IN KNOTS 1-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
...									9.2	7.5	8.0
...									4.2	6.6	6.0
...	.4								4.2	5.6	4.5
...	.1								4.2	5.0	4.5
...									3.1	5.1	5.0
...	..								2.5	5.3	3.0
...	.2								6.2	7.6	8.0
...	.3								12.0	8.1	8.0
...	1..	.5							13.0	9.5	9.0
...	..	.5							14.9	9.6	8.5
...	.3	.2	.1						7.1	9.0	8.0
...	..	.1							5.9	10.0	10.0
//////	////////////

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: FEB HOURS: 00-0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.8	4.0	3.4	.1	.4		.2					9.9
020-040	2.4	2.2	1.4	.1								6.1
050-070	2.6	4.0	.9	.1								7.7
(E) 080-100	2.0	1.1	.1	.2								3.4
110-130	.5	.8	.5									1.8
140-160	2.5	.6	.4									3.4
(S) 170-190	2.3	3.2	.6	.2								6.8
200-220	2.6	3.7	2.0	.1								8.4
230-250	1.5	2.4	1.8	.2		.1						6.0
(W) 260-280	1.8	3.8	2.9	.2		.1						8.8
290-310	1.5	2.0	2.4	.7								6.7
320-340	.9	2.0	1.4	.5								4.7
VARIABLE												
CALM	////////////

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

: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
+ 5 MONTH: FEB HOURS: 00-02

WIND SPEED IN KNOTS										
-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1	.4		.2					9.9	8.8	8.0
.1								6.1	6.6	6.0
.1								7.7	6.2	6.0
.2								3.4	5.2	4.0
								1.8	6.5	6.0
								3.4	4.5	3.0
.2								6.8	6.1	6.0
.1								8.4	6.8	6.0
.2		.1						6.0	8.0	7.0
.2		.1						8.8	8.2	8.0
.7								6.7	8.7	9.0
.5								4.7	8.4	8.5
//////////								26.3	//////////	
.4	.4	.2	.2					100.0	5.4	6.0

NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: FEB HOURS: 0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	.8	3.2	3.3	.5	.2							8.
020-040	1.9	2.2	1.2									5.
050-070	3.6	3.4	1.1	.1								8.
(E) 080-100	1.5	1.8	.8									4.
110-130	.3	.7	.1									1.
140-160	1.5	1.2	.2									2.
(S) 170-190	3.1	3.3	1.5	.2								8.
200-220	2.9	2.1	2.2									7.
230-250	1.8	2.6	1.5	.6								6.
(W) 260-280	1.5	3.5	3.9	.2	.1							9.
290-310	1.3	2.7	2.4	.5								6.
320-340	.8	1.5	1.6	.6								4.
VARIABLE												
CALM	//////////////

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

STION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 - FEB 88
T TO UTC: + 5 MONTH: FEB HOURS: 03-05

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
3.3	.5	.2							8.0	9.6	9.5
1.2									5.3	6.4	6.0
1.1	.1								8.4	5.8	5.0
.8									4.1	6.5	6.0
.1									1.6	5.1	4.5
.2									2.9	5.2	4.0
1.6	.2								8.2	6.6	5.0
2.2									7.3	6.6	6.0
1.6	.6								6.6	7.7	7.0
3.9	.2	.1							9.3	8.6	9.0
2.4	.5								6.8	8.6	9.0
1.6	.6								4.6	8.7	9.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.9	//////////	//////////
19.9	2.7	.3							100.0	5.4	7.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: FEB HOURS: 06

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	1.9	3.5	2.9	.6								9.
020-040	2.2	2.7	.8									5.
050-070	4.2	4.5	.9	.1								9.
(E) 080-100	2.4	.9	.7	.1								4.
110-130	.5	.4	.4									1.
140-160	1.5	.8	.5									2.
(S) 170-190	3.9	4.6	.9	.1	.1							9.
200-220	2.9	4.0	2.1	.1	.1							9.
230-250	2.1	2.8	1.6	.6		.1						7.
(W) 260-280	2.4	2.4	2.0	.7	.2							7.
290-310	1.5	3.1	2.0	.1								6.
320-340	.5	2.0	1.2	.1								3.
VARIABLE												
CALM	////////////

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

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: FEB HOURS: 06-08

WIND SPEED IN KNOTS 15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.6								9.0	8.2	8.0
								5.8	5.7	5.0
.1								9.8	5.7	5.0
.1								4.1	5.3	4.0
								1.3	5.4	5.0
								2.9	5.0	3.0
.1	.1							9.5	5.9	6.0
.1	.1							9.3	7.1	7.0
.6		.1						7.3	8.3	6.5
.7	.2							7.7	8.6	8.0
.1								6.7	7.6	7.0
.1								3.9	8.0	8.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.7	//////////	//////////
2.5	.4	.1						100.0	5.4	6.0

TAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: FEB HOURS: 09-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	1.4	2.9	4.4	.6								9.3
020-040	.9	2.2	1.9									5.1
050-070	3.3	4.6	1.3	.5								9.7
(E) 080-100	1.5	2.1	.5									4.1
110-130	1.2	1.2	.5	.1								2.9
140-160	1.9	1.9	.5	.1								4.7
(S) 170-190	2.4	3.8	3.2		.1							9.4
200-220	2.7	5.4	3.4	.7								12.2
230-250	1.2	3.1	2.0	1.2	.5							7.9
(W) 260-280	.7	2.4	4.0	1.3	.4							8.7
290-310	.5	2.7	2.0	.5	.1							5.9
320-340	.6	1.8	2.0	.1								4.5
VARIABLE												
CALM	////////////

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: FEB HOURS: 09-11

WIND SPEED IN KNOTS 15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.6								9.3	9.2	10.0
								5.1	8.2	8.0
.5								9.7	6.7	6.5
								4.1	5.7	5.0
.1								2.9	6.0	5.0
.1								4.7	6.0	6.0
	.1							9.4	7.7	8.0
.7								12.2	7.7	7.0
1.2	.5							7.9	10.1	9.0
1.3	.4							8.7	10.9	12.0
.5	.1							5.9	9.3	8.5
.1								4.5	8.7	9.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.5	//////////	//////////
5.1	1.1							100.0	7.0	8.0

TAL NUMBER OF OBSERVATIONS 849

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: FEB HOURS: 12-1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	.9	2.6	3.4	.5								7.3
020-040	.9	2.9	.9									4.8
050-070	1.8	3.9	2.1	.6	.1							8.5
(E) 080-100	1.8	1.3	.7									3.8
110-130	2.0	1.4	.5									3.9
140-160	1.8	2.1	.7	.2								4.8
(S) 170-190	3.3	5.2	2.0	.2								10.7
200-220	3.9	4.6	3.9	2.1		.2						13.8
230-250	1.3	4.4	3.5	.9	.7							10.8
(W) 260-280	.7	2.5	4.5	2.0	.6							10.2
290-310	1.1	3.2	2.6	.5	.5							7.8
320-340	.8	2.0	2.8	.4	.2							6.2
VARIABLE												
CALM	//////////////

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

ME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
E: + 5 MONTH: FEB HOURS: 12-14

	WIND SPEED IN KNOTS										
	16-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.5								7.3	9.5	10.0
									4.8	7.3	7.0
	.6	.1							8.5	8.0	7.0
									3.8	5.7	5.0
									3.9	5.4	4.0
	.2								4.8	6.2	6.0
	.2								10.7	6.5	6.0
	.1		.2						13.8	9.5	9.0
	.9	.7							10.8	9.7	9.0
	.0	.6							10.2	11.6	12.0
	.5	.5							7.8	9.5	9.0
	.4	.2							6.2	10.1	10.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.3	//////////	
	7.4	2.1	.2						100.0	8.1	8.0

AL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: FEB HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	T
(N) 350-010	.5	2.4	4.2	.1								
020-040	1.5	2.0	1.3	.1								
050-070	2.5	3.7	2.2	.5								
(E) 080-100	1.2	1.1	.4									
110-130	1.5	1.4	.7									
140-160	.9	1.1	.9	.1	.1							
(S) 170-190	3.2	4.9	1.6	.1								
200-220	3.3	4.9	2.2	1.5	.2	.1	.1					12
230-250	.9	4.9	3.5	1.4	.1							11
(W) 260-280	1.1	3.4	4.4	1.4	.7							11
290-310	.9	3.3	3.7	1.3								9
320-340	.5	3.3	2.9	1.3	.2							
VARIABLE												
CALM	//////////////

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
UTC: + 5 MONTH: FEB HOURS: 15-17

WIND SPEED IN KNOTS									
15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1								7.2	9.7	10.0
.1								4.9	7.0	7.0
.5								8.4	7.1	6.0
								2.6	5.4	5.0
								3.7	5.9	6.0
.1	.1							3.1	7.5	6.5
.1								9.9	6.2	6.0
1.5	.2	.1	.1					12.5	8.7	8.0
1.4	.1							11.0	9.5	9.0
1.4	.7							11.0	10.8	10.0
1.3								9.2	9.8	10.0
1.3	.2							8.7	10.3	10.0
//////////								7.5	//////////	
7.8	1.3	.1	.1					100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 849

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724245 STATION NAME: KICKENPACKER ANGB PR PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: FEB HOURS: 1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	2.0	4.5	3.9	.5								10
020-040	3.1	2.2	1.3	.2								6
050-070	3.9	3.3	.7	.2	.1							7
(E) 080-100	1.7	1.2	.2									3
110-130	2.9	.8	.4									4
140-160	3.4	1.2	.7	.1								5
(S) 170-190	4.3	1.7	.5									6
200-220	3.4	4.3	1.2	.2	.2							9
230-250	3.	3.7	1.5	.2								8
(W) 260-280	1.3	3.9	3.3	.6	.5							9
290-310	1.4	3.2	3.1	.3								8
320-340	.	3.2	2.1	1.1								6
VARIABLE												
CALM	//////////////

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

STATION: KICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: + 5 — MONTH: FEB — HOURS: 19-20

	WIND SPEED IN KNOTS									
	17-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.5								10.9	8.1	8.0
	.2								6.8	5.9	5.0
	.2	.1							7.3	6.0	5.0
									3.1	4.8	4.0
									3.2	4.4	3.0
	.1								5.3	5.2	4.0
									6.5	4.6	4.0
	.2	.2							8.4	6.3	5.0
	.2								8.3	6.5	6.0
	.6	.5							9.7	9.4	9.0
	.3								8.5	9.1	9.0
	1.1								6.7	9.3	8.0
//////	//////	//////	//////	//////	//////	//////	//////	//////	15.3	//////	//////
	4.1	.8							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 847

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: FEB HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.7	4.7	2.4	.2	.2							9.2
020-040	2.7	4.0	1.9	.1								8.7
050-070	2.4	3.5	.7	.2								7.3
(E) 080-100	2.6	1.2	.4									4.1
110-130	1.6	1.2	.5									3.2
140-160	1.9	1.2	.5									3.5
(S) 170-190	4.0	3.2	.7									7.9
200-220	2.3	2.5	2.0		.1							7.5
230-250	1.1	1.5	1.1	.6								4.3
(W) 260-280	1.3	3.4	2.7	1.1	.1							8.6
290-310	1.5	4.1	2.4	.7	.1							8.9
320-340	1.1	2.2	.9	.2	.1							4.5
VARIABLE												
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	22.0
TOTALS	25.3	32.8	16.2	3.1	.6							100.0

TOTAL NUMBER OF OBSERVATIONS 846

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

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
E: + 5 MONTH: FEB HOURS: 21-23

WIND SPEED IN KNOTS										
1-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2	.2							9.2	8.1	7.5
.1								8.7	6.9	6.0
.2								7.3	6.0	6.0
								4.1	4.5	4.0
								3.2	5.4	5.0
								3.5	5.1	4.0
								7.9	5.1	4.0
	.1							7.6	7.0	6.5
.5								4.3	8.6	7.5
1.1	.1							8.6	9.2	8.0
.7	.1							8.9	8.6	8.0
.2	.1							4.6	7.9	7.0
////	////	////	////	////	////	////	////	22.0	////	////
3.1	.6							100.0	5.6	6.0

TAL NUMBER OF OBSERVATIONS 846

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: FEB HOURS: ALL

	WIND SPEED IN KNOTS											
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	1.4	3.5	3.5	.4	.1		.0					8.8
020-040	2.0	2.6	1.3	.1								6.0
050-070	3.0	3.9	1.3	.3	.0							8.4
(E) 080-100	1.3	1.3	.5	.0								3.7
110-130	1.3	1.0	.4	.0								2.7
140-160	1.0	1.3	.6	.1	.0							3.8
(S) 170-190	3.4	3.7	1.4	.1	.0							8.6
200-220	3.0	3.8	2.4	.6	.1	.0	.0					9.9
230-250	1.6	3.2	2.1	.7	.2	.0						7.8
(W) 260-280	1.4	3.2	3.4	1.0	.3	.0						9.3
290-310	1.2	3.0	2.5	.6	.1							7.6
320-340	.8	2.3	1.9	.5	.1							5.5
VARIABLE												
CALM	////////////

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

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: FEB HOURS: ALL

WIND SPEED IN KNOTS									
15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4	.1		.0					8.8	8.8	9.0
.1								6.0	6.7	6.0
.3	.0							8.4	6.4	6.0
.0								3.7	5.4	5.0
.9								2.7	5.5	5.0
.1	.0							3.8	5.6	4.0
.1	.0							8.6	6.2	6.0
.5	.1	.0	.0					9.9	7.7	7.0
.7	.2	.0						7.8	8.7	8.0
1.0	.3	.0						9.3	9.7	10.0
.6	.1							7.6	9.0	9.0
.5	.1							5.5	9.1	9.0
////	////	////	////	////	////	////	////	17.9	////	////
4.4	.9							100.0	6.3	7.0

AL NUMBER OF OBSERVATIONS 6787

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 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

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	1.5	6.0	8.5	1.3		.2						17.5
020-040	2.1	5.7	3.5	.3								11.6
050-070	3.1	5.0	1.2	.4	.1							10.8
(E) 080-100	1.5	1.3	.3									3.1
110-130	1.7	1.6	.4									3.7
140-160	1.5	1.1	.2		.1							2.8
(S) 170-190	2.7	4.1	2.2	.1								9.1
200-220	2.4	2.7	1.7	.1								6.9
230-250	1.0	2.1	1.6	.9	.2							5.7
(W) 260-280	1.1	2.5	3.4	.8	.4							8.3
290-310	1.3	2.6	1.7	.4	.1							6.2
320-340	.5	2.0	2.1	.4	.1							5.3
VARIABLE												
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	9.1
TOTALS	20.5	37.7	26.8	4.7	1.0	.2						100.0

TOTAL NUMBER OF OBSERVATIONS 1139

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

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
D UTC: + 5 MONTH: FEB HOURS: ALL

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

	WIND SPEED IN KNOTS										
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.5	1.3			.2					17.5	9.9	10.0
.5	.3								11.6	7.9	8.0
.2	.4	.1							10.3	6.8	6.0
.3									3.1	5.4	5.0
.4									3.7	5.4	5.0
.2		.1							2.8	5.3	4.0
.2	.1								9.1	6.8	6.0
.7	.1								6.9	6.8	6.5
.6	.9	.2							5.7	9.5	8.0
.4	.8	.4							8.3	10.1	10.0
.7	.4	.1							6.2	8.3	8.0
.1	.4	.1							5.3	9.6	9.5
///////////									9.1	//////////	
.4	4.7	1.0		.2					100.0	7.4	8.0

TOTAL NUMBER OF OBSERVATIONS 1138

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: MAR HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.9	3.4	1.4	.2								8.0
020-040	4.2	4.0	1.1	.2								9.5
050-070	3.5	4.9	1.3	.2								10.0
(E) 080-100	2.6	1.9	.4									4.9
110-130	1.3	1.1	.3									2.7
140-160	1.9	1.9	.3	.2								4.7
(S) 170-190	3.2	2.3	1.0	.1								6.6
200-220	2.9	2.9	2.2	.6	.2							8.8
230-250	1.3	3.1	.9	.1	.1							5.5
(W) 260-280	1.4	3.7	1.9	.5	.3							7.8
290-310	2.2	4.6	1.7	.5	.1							9.1
320-340	1.3	1.9	2.9	.4	.1							6.6
VARIABLE												
CALM	////	////	////	////	////	////	////	////	////	////	////	15.9 //
TOTALS	28.5	35.7	15.9	3.0	.8							100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TD UTC: + 5 MONTH: MAR HOURS: 00-02

WIND SPEED IN KNOTS											
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.4	.2								8.0	6.6	6.0
1.1	.2								9.5	5.7	5.0
1.3	.2								10.0	6.3	6.0
.4									4.9	5.2	4.0
.3									2.7	5.0	5.0
.?	.2								4.7	6.2	5.0
1.0	.1								6.6	5.9	5.0
2.2	.6	.2							8.8	7.7	6.0
.9	.1	.1							5.5	7.1	6.0
1.9	.5	.3							7.8	8.8	8.0
1.7	.5	.1							9.1	7.5	7.0
1.9	.4	.1							6.6	9.3	10.0
//									15.8	//////////	
15.9	3.0	.8							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAR HOURS: 0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	2.3	3.3	1.7	.2								7
020-040	3.5	2.7	1.2	.1								7
050-070	2.5	4.5	1.4									-
(E) 080-100	2.5	2.0	.4									4
110-130	1.5	.3	.8									2
140-160	1.9	1.3	.1		.2	.1						4
(S) 170-190	4.7	4.2	1.2									10
200-220	2.2	2.9	1.7	.5								7
230-250	1.3	2.4	1.4	.6								6
(W) 260-280	1.2	2.4	1.9	.6	.4		.1					6
290-310	3.4	3.5	2.3	.5	.2							10
320-340	1.4	3.1	3.1									7
VARIABLE												
CALM	//////////////

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

ME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
: + 5 MONTH: MAR HOURS: 03-05

WIND SPEED IN KNOTS										
15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2								7.5	7.2	7.0
.1								7.5	5.7	5.0
								8.4	6.5	6.0
								4.9	5.2	4.5
								2.7	5.4	4.0
	.2	.1						4.2	6.2	5.0
								10.1	5.6	5.0
.5								7.3	7.5	7.0
.3								5.7	3.1	6.0
.6	.4		.1					6.7	9.9	8.5
.5	.2							10.0	7.5	7.0
								7.6	8.0	8.0
//								17.3	//////////	
2.5	.8	.1	.1					100.0	5.8	6.0

L NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAR HOURS: 06

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	2.3	3.3	1.6	.5	.1	.1						8.
020-040	2.9	2.5	1.2	.3								6.
050-070	3.0	3.8	1.7									8.
(E) 080-100	1.9	1.1	1.3	.2								4.
110-130	1.7	.4	.6									2.
140-160	2.4	2.5	.5	.3	.1							5.
(S) 170-190	4.0	3.6	1.5	.4								9.
200-220	2.3	3.3	2.0	.4								8.
230-250	1.7	1.7	1.3	.6								5.
(W) 260-280	1.0	2.4	1.5	.8	.5							6.
290-310	2.3	4.8	.9	.6	.4							9.
320-340	2.3	3.0	1.4	.1	.2							7.
VARIABLE												
CALM	//////////////

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: MAR HOURS: 06-08

	WIND SPEED IN KNOTS									
	16-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.5	.1	.1						8.5	7.4	6.0
	.3								6.9	6.7	5.0
									9.5	5.5	6.0
	.2								4.5	6.7	6.0
									2.8	5.5	4.0
	.3	.1							6.2	6.2	5.0
	.4								9.7	6.2	5.5
	.4								8.6	7.1	6.0
	.3								5.4	5.1	5.0
	.8	.5							6.1	9.8	8.0
	.8	.4							9.7	7.4	6.0
	.1	.2							7.0	7.2	5.0
	//								16.1	//////////	
	4.4	1.3	.1						100.0	6.0	6.0

TAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79
LST TO UTC: + 5 MONTH: MAR HOURS: 09-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	1.6	3.7	2.3	.6	.1	.1						8.4
020-040	1.4	2.2	1.3	.5	.1							5.5
050-070	2.2	3.0	3.5	.3	.1							9.9
(E) 080-100	1.3	2.4	1.9	.2								5.5
110-130	1.3	1.3	.1									2.9
140-160	1.5	3.4	1.5	.5	.1							7.1
(S) 170-190	1.3	4.3	3.2	1.0	.1							10.4
200-220	1.3	4.9	3.4	1.2								10.5
230-250	1.3	3.2	2.4	1.2	.5							8.7
(W) 260-280	.3	2.2	3.7	1.5	.2							7.8
290-310	1.4	3.5	1.9	.6								7.5
320-340	1.4	4.1	3.4		.2							9.5
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAR HOURS: 09-11

WIND DIR	WIND SPEED IN KNOTS 10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
5.	2.3	.6	.1	.1						8.4	8.8	8.0
6.	1.3	.5	.1							5.5	8.6	8.0
7.	1.6	.3	.1							9.9	7.8	8.0
8.	1.0	.2								5.5	6.7	6.0
9.	.1									2.9	5.9	6.0
10.	1.5	.5	.1							7.1	7.9	7.0
11.	3.2	1.0	.1							10.4	8.6	8.0
12.	3.4	1.2								10.5	9.3	9.0
13.	2.1	1.2	.5							8.7	10.2	10.0
14.	3.7	1.5	.2							7.8	11.4	12.0
15.	1.2	.5								7.5	8.5	8.0
16.	3.1		.2							9.5	8.4	8.0
////.										6.2	////////////	
TOT.	34.5	7.6	1.4	.1						100.0	8.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 -
LST TO UTC: + 5 MONTH: MAR HOURS: 12-14

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.3	3.1	1.8	1.1	.1							7.4
020-040	.6	1.5	2.0	.5	.2							4.9
050-070	1.2	2.7	3.7	.5								8.1
(E) 080-100	2.2	1.2	1.4	.4								5.2
110-130	.6	1.3	.4									2.4
140-160	1.1	2.4	1.6	.4	.1							5.6
(S) 170-190	1.4	4.2	3.2	1.3	.1							10.2
200-220	1.1	3.3	4.2	1.6	.9							11.1
230-250	1.2	2.9	4.8	1.8	.2	.1						11.1
(W) 260-280	.6	4.1	4.4	2.4	.8	.2						12.5
290-310	1.0	4.2	3.9	1.1	.3	.1						10.6
320-340	1.4	3.6	2.6	.6	.1							9.2
VARIABLE												
CALM	//////////////

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

STN NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAR HOURS: 12-14

	WIND SPEED IN KNOTS										
14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.3	1.1	.1							7.4	9.0	8.0
.3	.5	.2							4.9	10.2	10.0
.7	.5								8.1	9.0	10.0
.4	.4								5.2	7.0	6.5
.4									2.4	6.5	6.5
.5	.4	.1							5.6	8.5	8.0
.2	1.3	.1							10.2	9.1	8.0
.3	1.6	.9							11.1	11.1	10.0
.4	1.8	.2	.1						11.1	10.9	11.0
.4	2.4	.8	.2						12.5	11.4	11.0
.3	1.1	.3	.1						10.5	10.0	10.0
.3	.6	.1							8.2	8.9	8.0
///	///	///	///	///	///	///	///	///	2.9	///	///
.7	11.7	2.8	.4						100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAR HOURS: 1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	1.4	3.1	3.2	1.2								8
020-040	1.0	1.5	1.7	.4	.2							4
050-070	1.1	3.0	3.7	.5								9
(E) 080-100	1.1	1.4	1.1	.1								3
110-130	.9	.5	1.0	.1								2
140-160	1.4	1.7	1.5	.2								4
(S) 170-190	.4	3.3	2.8	.4								7
200-220	1.0	2.6	3.9	2.4	.9							10
230-250	1.3	3.8	2.9	1.5	.4	.2						10
(W) 260-280	.9	4.7	5.8	2.8	1.1							15
290-310	1.3	3.3	4.5	1.4	.6							11
320-340	.6	4.0	3.1	.6	.2							8
VARIABLE												
CALM	//////////////

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

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAR HOURS: 15-17

	WIND SPEED IN KNOTS									
4	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2	1.2								8.9	9.5	9.0
.7	.4	.2							4.8	9.0	9.0
.7	.5								8.3	8.9	10.0
.1	.1								3.7	7.7	8.0
.0	.1								2.5	7.5	8.0
.9	.2								4.8	7.5	7.0
.7	.4								7.0	8.9	9.0
.4	2.4	.9							10.6	11.7	12.0
.9	1.5	.4	.2						10.1	10.6	9.5
.3	2.8	1.1							15.3	11.4	11.0
.9	1.4	.6							11.5	10.2	10.0
.1	.6	.2							8.6	9.7	9.0
///	///	///	///	///	///	///	///	///	3.9	///	///
.2	11.6	3.4	.2						100.0	9.5	10.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: MAR HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.5	5.2	2.9	.5	.1							11.2
020-040	2.5	3.2	1.7	.5								8.0
050-070	1.6	3.8	2.3	.2								7.8
(E) 080-100	1.7	1.7	1.0									4.4
110-130	1.2	.8	.2									2.2
140-160	2.8	1.4	.9	.1								5.2
(S) 170-190	1.9	2.9	1.1	.2	.1							6.1
200-220	2.5	3.2	2.6	.3	.1							8.7
230-250	1.8	2.5	1.6	.3								5.9
(W) 260-280	2.3	5.1	4.1	1.5								12.9
290-310	2.7	3.3	4.1	1.3	.3							11.7
320-340	1.2	2.3	2.6	1.0	.1							7.0
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAR HOURS: 18-20

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.9	.5	.1							11.2	7.8	8.0
1.7	.5								8.0	7.5	7.0
2.3	.2								7.8	7.7	7.0
1.0									4.4	6.7	6.0
.2									2.2	5.2	4.0
.3	.1								5.2	5.6	4.0
1.1	.2	.1							6.1	7.1	7.0
2.6	.3	.1							8.7	7.7	8.0
1.6	.3								5.9	7.6	6.0
4.1	1.5								12.9	8.8	8.0
4.1	1.3	.3							11.7	9.3	9.0
2.5	1.0	.1							7.0	9.2	10.0
//									8.9	//////////	
25.0	5.9	.7							100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAR HOURS: 21-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.0	4.0	1.7	.6	.1							8.5
020-040	3.9	5.2	.8	.2								10.0
050-070	2.9	4.3	1.7	.4								9.4
(E) 080-100	2.2	2.8	.5									5.5
110-130	2.2	1.1	.2									3.4
140-160	3.5	1.9	.8	.2	.1							6.6
(S) 170-190	2.6	3.5	.8	.3								7.1
200-220	2.0	2.3	1.6	.3								6.2
230-250	2.0	3.1	.6	.6	.1							6.6
(W) 260-280	1.1	3.2	2.9	.5		.1						7.8
290-310	2.2	4.5	2.6	.8	.2							10.2
320-340	1.2	3.0	2.4	.5	.1							7.2
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: TC: + 5 MONTH: MAR HOURS: 21-23

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.7	.6	.1							8.5	7.7	7.0
.8	.2								10.0	6.0	6.0
1.7	.4								9.4	6.8	6.0
.5									5.5	5.4	5.0
.2									3.4	4.8	4.0
.8	.2	.1							6.6	5.4	4.0
.8	.3								7.1	6.2	6.0
1.6	.3								6.2	7.5	7.0
.6	.6	.1							6.6	7.1	6.0
2.9	.5		.1						7.8	8.8	8.0
2.6	.8	.2							10.2	8.1	7.0
2.4	.9	.1							7.2	8.6	7.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.5	//////////	//////////
15.6	4.4	.6	.1						100.0	6.2	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	2.1	3.6	2.1	.6	.1	.0						8.5
020-040	2.5	2.8	1.4	.4	.1							7.1
050-070	2.3	3.8	2.4	.3	.0							8.8
(E) 080-100	2.0	1.8	.9	.1								4.8
110-130	1.3	.9	.5	.0								2.7
140-160	2.1	2.1	1.0	.3	.1	.0						5.6
(S) 170-190	2.5	3.6	1.8	.5	.0							8.4
200-220	1.9	3.2	2.7	.9	.3							9.0
230-250	1.4	2.8	2.0	.9	.2	.0						7.4
(W) 260-280	1.1	3.5	3.3	1.3	.4	.0	.0					9.6
290-310	2.2	4.0	2.7	.9	.3	.0						10.0
320-340	1.3	3.1	2.7	.4	.1							7.7
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAR HOURS: ALL

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.1	.6	.1	.0						8.5	8.0	7.0
1.4	.4	.1							7.1	7.1	6.0
2.4	.3	.0							8.8	7.4	7.0
.9	.1								4.8	6.3	6.0
.5	.0								2.7	5.7	5.0
1.0	.3	.1	.0						5.6	6.7	6.0
1.5	.5	.0							8.4	7.3	7.0
2.7	.9	.3							9.0	8.9	8.0
2.0	.9	.2	.0						7.4	9.1	8.0
3.3	1.3	.4	.0	.0					9.6	10.2	10.0
2.7	.9	.3	.0						10.0	9.7	8.0
2.7	.4	.1							7.7	8.7	8.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.3	//////////	//////////
23.5	6.6	1.6							100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

STATION NUMBER: 724290 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAR HOURS: AL

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 CEILI

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	1.7	3.9	5.0	1.6	.2	.1						12.
020-040	1.5	3.6	2.1	1.2	.1							8.
050-070	1.5	4.6	2.3	.3								8.
(E) 080-100	3.0	3.4	2.1	.2								8.
110-130	1.	.4	.5									2.
140-160	1.5	1.7	.3									4.
(S) 170-190	1.2	1.9	1.2	.3	.1							4.
200-220	1.4	1.7	1.7	.7								5.
230-250	1.5	3.7	1.9	.8	.1							7.
(W) 260-280	1.2	4.3	3.0	1.4	.2	.1						10.
290-310	1.7	3.7	3.3	1.1	.3							10.
320-340	1.3	5.5	3.1	.7	.5							11.
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 — MONTH: MAR HOURS: ALL

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

WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	5.0	1.6	.2	.1						12.4	10.1	10.0
	2.1	1.2	.1							6.5	9.1	8.0
	2.3	.3								9.8	7.8	8.0
	2.1	.2								8.8	7.1	6.0
	.5									2.6	4.8	4.0
	.9									4.0	6.0	5.0
	1.2	.3	.1							4.6	8.0	8.0
	1.7	.7								5.6	8.3	8.0
	1.9	.8	.1							7.9	8.4	8.0
	3.0	1.4	.2	.1						10.1	9.6	8.5
	3.3	1.1	.3							10.0	9.3	9.0
	3.1	.7	.5							11.0	9.2	8.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	5.7	//////////	//////////
	27.1	8.3	1.5	.2						100.0	8.1	8.0

TOTAL NUMBER OF OBSERVATIONS 1025

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79
LST TO UTC: + 5 MONTH: APR HOURS: 00-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	3.3	3.9	1.3	.1	.1							9.2
020-040	2.7	3.3	.3									6.3
050-070	2.4	3.9	1.0	.2								7.9
(E) 080-100	2.0	2.1	.7									4.8
110-130	.6	.7										1.2
140-160	3.7	1.3	.4	.1								5.3
(S) 170-190	3.3	2.7	.6	.1	.1							7.2
200-220	3.0	2.8	1.9	.2								7.9
230-250	1.3	2.4	.9	.3	.3	.1						5.4
(W) 260-280	1.0	3.0	1.2		.1	.2						5.6
290-310	1.3	4.0	2.1	.4	.5							8.4
320-340	1.3	1.6	.4									3.7
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
CT TO UTC: + 5 MONTH: APR HOURS: 00-02

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.3	.1	.1							9.2	6.3	6.0
	.3									6.3	5.4	5.0
	1.0	.2								7.9	6.3	6.0
	.7									4.8	5.6	6.0
										1.2	5.1	6.0
	.4	.1								6.0	4.8	4.0
	.6	.1	.1							7.2	5.6	4.0
	1.9	.2								7.9	6.9	6.0
	.4	.3	.3	.1						5.4	8.4	6.0
	1.2		.1	.2						5.6	8.5	8.0
	2.1	.4	.6							8.4	9.0	8.0
	.4									3.7	5.5	5.0
	//									26.3	//////////	
	11.2	1.4	1.2	.3						100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: APR HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.9	3.6	1.1	.6								8.1
020-040	3.2	2.3	.2									5.8
050-070	3.4	3.1	1.2	.2								8.0
(E) 080-100	2.3	1.7	1.2									5.2
110-130	.4	.9	.2									1.6
140-160	3.9	1.2	.2		.1	.1						6.1
(S) 170-190	4.9	2.6	1.1	.2	.1							8.9
200-220	1.6	2.9	2.1	1.1								7.7
230-250	1.0	3.0	.2	.2								4.4
(W) 260-280	1.0	4.0	.6									5.6
290-310	1.1	4.0	1.6	.2	.6	.3						7.8
320-340	2.0	2.2	.9	.1								5.2
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 — MONTH: APR HOURS: 03-05

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.1	.6								8.1	6.4	6.0
.2									5.8	4.8	4.0
1.?	.2								8.0	6.1	5.0
1.2									5.2	6.1	6.0
.2									1.6	6.0	5.5
.?		.1	.1						6.1	5.5	4.0
1.1	.2	.1							8.9	5.7	4.0
2.1	1.1								7.7	8.7	7.0
.?	.2								4.4	6.8	6.0
.5									5.6	6.4	6.0
1.5	.2	.6	.3						7.8	9.4	8.0
.?	.1								5.2	6.3	6.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	25.7	//////////	//////////
11.2	2.6	.8	.4						100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: APR HOURS: 06

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	1.4	4.3	.9	.3	.2							7.
020-040	2.4	1.8	1.1									5.
050-070	4.5	3.9	1.3									9.
(E) 080-100	1.8	2.3	1.7	.3								6.
110-130	1.2	.8	.3									2.
140-160	2.1	1.9	.3	.1	.1							4.
(S) 170-190	3.7	3.7	1.2	.3								8.
200-220	2.1	3.9	2.9	1.2	.2							10.
230-250	1.7	2.1	.7	.2	.1							4.
(W) 260-280	1.1	1.9	1.6	.4	.1							5.
290-310	1.0	4.1	1.3	.4	.3	.2						7.
320-340	1.2	2.1	.9		.4							4.
VARIABLE												
CALM	////////////

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

ION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 — MONTH: APR HOURS: 06-08

WIND SPEED IN KNOTS											
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9	.3	.2							7.2	7.6	7.0
1.1									5.3	5.9	6.0
1.3									9.8	5.7	5.0
1.7	.3								6.1	7.5	8.0
.3									2.3	5.4	4.0
.3	.1	.1							4.6	5.3	5.0
1.2	.3								8.9	6.1	5.0
2.9	1.2	.2							10.3	8.9	8.0
.7	.2	.1							4.8	6.9	6.0
1.5	.4	.1							5.0	8.6	8.0
1.3	.4	.3	.2						7.4	9.0	8.0
.9		.4							4.7	7.8	7.5
////	////	////	////	////	////	////	////	////	23.6	////	////
14.2	3.2	1.4	.2						100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: PICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: APR HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.2	2.9	.9	.7	.3							6.0
020-040	1.7	3.7	1.0	.3								6.7
050-070	2.8	5.3	1.3	.1								9.6
(E) 080-100	2.1	2.3	1.6	.3								6.3
110-130	1.4	2.0	.7	.2								4.3
140-160	2.3	2.0	.7	.4								5.4
(S) 170-190	3.0	2.9	2.3	.4	.1							8.8
200-220	2.4	3.8	4.2	1.6	.2							12.2
230-250	1.3	2.3	2.9	1.0	.9	.1						8.5
(W) 260-280	1.7	1.8	3.2	1.0	.3							8.0
290-310	.9	2.2	4.2	1.9	.2	.1						9.6
320-340	.5	3.4	2.9	.4	.4							7.9
VARIABLE												
CALM	////////////

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

STATION NAME: PICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: APR HOURS: 09-11

	WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9	.9	.7	.3							6.0	8.9	8.0
.7	1.0	.3								6.7	6.8	6.5
.9	1.3	.1								9.6	6.5	6.0
.3	1.6	.3								6.3	7.3	7.0
.9	.7	.2								4.3	6.4	6.0
.7	.7	.4								5.4	6.4	6.0
.9	2.3	.4	.1							8.8	7.3	6.0
.	4.2	1.6	.2							12.2	9.4	9.0
.9	2.9	1.0	.9	.1						8.6	10.9	10.0
.7	3.2	1.0	.3							8.0	10.2	10.0
.3	4.2	1.9	.2	.1						9.6	11.2	12.0
.7	2.9	.4	.4							7.8	9.5	8.5
///////////	///////////	///////////	///////////	///////////	///////////	///////////	///////////	///////////	///////////	6.8	///////////	
.9	25.9	8.3	2.4	.2						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: APR HOURS: 12-1

	DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N)	350-010	2.0	2.8	1.2	.9	.2	.1						7.2
	020-040	1.7	3.0	1.7	.3								6.7
	050-070	1.4	2.0	1.2	.1								4.8
(E)	080-100	1.6	2.4	1.4	.2								5.9
	110-130	1.1	1.9	.9									3.9
	140-160	1.1	3.1	.9	.1	.4	.1						5.5
(S)	170-190	1.9	2.3	1.9	.6	.3	.1						7.1
	200-220	1.9	4.0	4.2	1.8	.4	.1						12.3
	230-250	.9	3.1	3.2	2.0	.6	.3						10.1
(W)	260-280	1.7	2.8	5.1	2.2	.3							12.1
	290-310	1.2	2.6	4.3	2.7	.4							12.2
	320-340	.9	2.7	3.3	1.0	.1							8.0
	VARIABLE												
	CALM	//											3.8
	TOTALS	17.5	33.7	29.3	11.9	2.7	.7						100.0

TOTAL NUMBER OF OBSERVATIONS 899

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: APR HOURS: 12-14

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.2	.9	.2	.1						7.2	8.4	8.0
1.7	.3								6.7	7.4	7.0
1.2	.1								4.8	6.9	6.0
1.4	.2								5.9	7.2	6.0
.9									3.9	6.9	7.0
.9	.1	.4	.1						5.8	8.5	6.5
1.9	.6	.3	.1						7.1	8.8	7.0
6.2	1.8	.4	.1						12.3	10.2	10.0
5.2	2.0	.6	.3						10.1	11.6	10.0
5.1	2.2	.3							12.1	10.6	11.0
4.3	2.7	.4							12.2	11.0	10.0
3.3	1.0	.1							8.0	10.0	10.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	3.8	//////////	//////////
39.3	11.9	2.7	.7						100.0	9.1	9.0

TOTAL NUMBER OF OBSERVATIONS 899

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: APR HOURS: 15

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	1.3	2.7	2.4	.6	.2	.4						7.
020-040	1.4	3.6	1.6	.3								6.
050-070	1.4	4.3	1.3	.3								7.
(E) 080-100	.3	1.2	1.2	.3								3.
110-130	1.1	1.2	.6									2.
140-160	1.3	1.6	.9	.1								4.
(S) 170-190	.6	3.4	2.1	.2	.1							6.
200-220	1.3	3.7	3.3	1.0	.4							9.
230-250	.3	3.3	4.4	3.2	.9	.3						13.
(W) 260-280	.3	4.0	4.6	2.3	.7							12.
290-310	.3	3.0	4.4	2.9	.6	.1						11.
320-340	1.0	3.0	2.9	2.0	.2							9.
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: APR HOURS: 15-17

	WIND SPEED IN KNOTS										
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.4	.6	.2	.4						7.3	10.0	9.5
1.6	.3								6.9	7.6	7.0
1.3	.2								7.0	7.1	6.0
1.2	.3								3.6	8.2	8.0
.6									2.9	6.3	6.5
.9	.1								4.4	6.0	5.0
2.1	.2	.1							6.4	8.7	8.0
3.3	1.0	.4							9.7	10.1	9.0
4.4	3.2	.9	.3						13.1	12.4	12.0
4.4	2.3	.7							12.3	11.1	10.0
4.4	2.9	.6	.1						11.9	11.6	11.0
3.3	2.0	.2							9.1	10.5	10.0
//									5.3	//////////	
29.7	13.1	3.1	.8						100.0	9.4	9.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: APR HOURS: 18-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	2.1	2.4	3.0	.9	.1	.3						8.9
020-040	2.7	3.9	1.1	.2								7.9
050-070	3.1	3.2	1.1									7.4
(E) 080-100	2.3	2.1	.7									5.1
110-130	2.1	.8	.3									3.2
140-160	1.2	1.6	.3									3.1
(S) 170-190	1.2	1.9	.9	.3	.1							4.4
200-220	2.8	3.6	2.0	.7	.1							9.1
230-250	2.6	3.9	2.1	.7	.1							9.3
(W) 260-280	1.7	3.9	4.2	1.0	.4	.1						11.3
290-310	1.3	3.0	3.9	1.9	.2							10.3
320-340	1.4	3.4	2.0	1.1								8.0
VARIABLE												
CALM	//////////											11.4
TOTALS	24.5	33.7	21.6	6.8	1.0	.4						100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TD UTC: + 5 MONTH: APR HOURS: 18-20

	WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	3.0	.9	.1	.3						8.9	9.3	9.0
	1.1	.2								7.9	6.4	6.0
	1.1									7.4	5.9	5.0
	.7									5.1	5.3	5.0
	.3									3.2	4.4	4.0
	.3									3.1	5.8	5.5
	.9	.3	.1							4.4	7.9	7.0
	2.0	.7	.1							9.1	7.7	7.0
	2.1	.7	.1							9.3	7.5	6.0
	4.2	1.0	.4	.1						11.3	9.5	10.0
	3.9	1.9	.2							10.3	10.4	10.0
	2.0	1.1								8.0	8.5	8.0
	////	////	////	////	////	////	////	////	////	11.8	////////////	
	21.4	6.8	1.0	.4						100.0	7.0	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 MONTH: APR HOURS: 21-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.5	3.0	1.3	.4	.3							7.7
020-040	4.9	4.7	1.0									10.6
050-070	2.4	2.8	.8	.1								6.1
(E) 080-100	1.7	2.6	.8									5.0
110-130	2.6	.9	.1									3.6
140-160	3.0	1.3	.3									4.7
(S) 170-190	3.3	2.4	.8		.1							6.7
200-220	2.5	1.9	1.0	.2		.1						5.7
230-250	2.1	2.4	1.1	.2	.3	.1						6.7
(W) 260-280	2.0	3.3	1.2	.1		.1						7.2
290-310	1.3	4.0	3.0	.1	.7							9.6
320-340	1.2	1.4	1.6	.3								4.6
VARIABLE												
CALM	//////////											22.1
TOTALS	30.2	31.6	13.0	1.4	1.4	.3						100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

ICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 21-23

	WIND SPEED IN KNOTS 20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.3							7.7	7.5	6.0
								10.6	5.5	5.0
								6.1	5.9	5.0
								5.0	6.0	6.0
								3.6	4.3	4.0
								4.7	4.4	3.0
	.1							6.7	5.8	4.5
		.1						5.7	6.7	5.0
	.3	.1						6.7	7.9	6.5
		.1						7.2	7.1	6.0
	.7							9.6	8.5	8.0
								4.6	8.0	9.0
	//							22.1	//////////	
	1.4	.3						100.0	5.2	6.0

NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 MONTH: APR HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.1	3.2	1.5	.6	.2	.1						7.7
020-040	2.6	3.3	1.9	.2								7.9
050-070	2.8	3.5	1.2	.1								7.5
(E) 080-100	1.6	2.1	1.2	.2								5.3
110-130	1.3	1.1	.4	.0								2.9
140-160	2.4	1.8	.6	.1	.1	.0						5.0
(S) 170-190	2.3	2.7	1.4	.3	.1	.0						7.3
200-220	2.2	3.3	2.7	1.0	.2	.0						9.4
230-250	1.4	2.9	1.9	1.0	.4	.1						7.8
(W) 260-280	1.4	3.1	2.7	.9	.3	.1						8.4
290-310	1.2	3.5	3.1	1.3	.4	.1						9.7
320-340	1.2	2.5	1.9	.6	.2							6.4
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
TO UTC: + 5 MONTH: APR HOURS: ALL

WIND SPEED IN KNOTS										
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.5	.6	.2	.1						7.7	8.0	7.0
1.0	.2								7.0	6.2	6.0
1.2	.1								7.6	6.3	6.0
1.2	.2								5.3	6.7	6.0
.4	.0								2.9	5.7	5.0
.6	.1	.1	.0						5.0	5.9	5.0
1.4	.3	.1	.0						7.3	6.9	6.0
1.7	1.0	.2	.0						9.4	8.3	8.0
1.9	1.0	.4	.1						7.8	9.7	8.0
2.7	.9	.3	.1						8.4	9.4	9.0
2.1	1.3	.4	.1						9.7	10.1	10.0
1.9	.6	.2							6.4	8.8	8.0
//									15.7	//////////	
13.6	5.3	1.9	.4						100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR J
LST TO UTC: + 5 MONTH: APR HOURS: AL

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 CEILI

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	2.5	3.3	4.1	1.4	1.0	.6						12.
020-040	.2	2.1	1.0	.2								3.
050-070	1.7	4.5	1.5	.2								8.
(E) 080-100	2.7	2.9	1.2									6.
110-130	1.4	1.4	.4									3.
140-160	1.0	.8		.2								2.
(S) 170-190	2.1	.4	.2	.2	.2							3.
200-220	1.2	1.9	3.5	.2								6.
230-250	.4	1.7	1.4	.2	.2	.2						4.
(W) 260-280	1.7	3.3	3.0	1.0	.4	.2						10.
290-310	1.4	4.2	3.1	1.5	.4	.8						12.
320-340	2.7	5.0	1.5	.6	.8							10.
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: APR HOURS: ALL

UT LESS THAN 1500 FEET WITH VISIPILITY GE 1/2 MILE (0800 METERS).
AND/OR
/2 MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	4.1	1.4	1.0	.6						12.7	10.7	10.0
	1.0	.2								3.5	8.5	8.0
	1.6	.2								3.9	8.0	8.0
	1.2									6.8	6.2	5.0
	.4									3.1	6.1	6.0
		.2								2.9	5.4	4.0
	.2	.2	.2							3.1	5.8	4.0
	3.6	.2								6.8	8.9	10.0
	1.4	.2	.2	.2						6.4	9.0	8.0
	3.2	1.0	.4	.2						10.4	10.0	10.0
	3.1	1.6	.4	.8						12.0	11.0	9.0
	1.6	.6	.8							10.6	8.1	7.0
////	////	////	////	////	////	////	////	////	////	12.9	////	////
	21.9	6.3	3.0	1.8						100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 518

OPERATING LOCATION "AM
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 00-0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	3.1	2.9	.4									6.5
020-040	5.7	1.7	.3									7.7
050-070	4.2	2.3	.3									6.8
(E) 080-100	1.6	.5										2.2
110-130	1.3	1.1										2.4
140-160	4.0	.8	.3									5.1
(S) 170-190	8.2	3.7	.6									12.5
200-220	5.5	2.9	.8									9.1
230-250	1.6	1.6	.1									3.3
(W) 260-280	.6	.9	.1									1.6
290-310	1.0	1.9	.8									3.7
320-340	.6	2.3	1.0									3.9
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: MAY HOURS: 00-02

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.4									6.5	5.0	5.0
.3									7.7	3.8	3.0
.3									6.8	4.4	4.0
									2.2	3.3	2.0
									2.4	4.0	3.5
.3									5.1	3.8	3.0
.5									12.5	4.2	4.0
.3									9.1	4.5	4.0
.1									3.3	4.9	5.0
.1									1.6	5.1	5.0
.2									3.7	6.9	5.5
1.0									3.9	7.2	7.0
//////////									35.4	//////////	
4.7									100.0	3.0	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 03-(

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	4.2	3.2	1.0									8.4
020-040	4.7	1.7	.3									6.8
050-070	4.4	1.4	.1									5.9
(E) 080-100	1.6	.9	.3									2.8
110-130	1.2	.3										1.5
140-160	2.4	1.1	.4	.1								4.0
(S) 170-190	6.3	3.7	.8		.1							13.3
200-220	3.4	3.3	.9									7.6
230-250	1.1	1.2	.1									2.4
(W) 260-280	1.1	.6	.1									1.8
290-310	1.0	2.0	.5									3.5
320-340	1.3	1.1	.4									2.8
VARIABLE												
CALM	//////////											39.1
TOTALS	35.2	20.5	4.9	.1	.1							100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAY HOURS: 03-05

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.0									8.4	5.5	4.5
.3									6.8	4.1	3.0
.1									5.9	3.7	4.0
.3									2.8	4.7	4.0
									1.5	3.1	2.5
.4	.1								4.0	5.3	4.0
.[illegible]		.1							13.3	4.5	4.0
.[illegible]									7.6	5.2	5.0
.1									2.4	5.0	5.0
.1									1.8	4.8	4.0
.[illegible]									3.5	6.5	6.0
.4									2.8	5.6	5.0
//////////									39.1	//////////	
4.9	.1	.1							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 06-(

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	3.9	3.8	1.5	.2								9.4
020-040	4.4	2.2	.8									7.3
050-070	4.9	2.3	.2	.1								7.5
(E) 080-100	1.9	1.1	.3									3.3
110-130	1.2	.8										1.9
140-160	1.9	1.1	.6									3.7
(S) 170-190	5.5	5.1	1.1									11.6
200-220	4.8	5.9	1.2	.2								12.2
230-250	1.7	1.2	1.1									4.0
(W) 260-280	1.1	.5										1.6
290-310	1.4	1.9	.9	.2								4.4
320-340	1.1	1.3	.6									3.0
VARIABLE												
CALM	//////////											30.1
TOTALS	33.8	27.2	8.3	.7								100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAY HOURS: 06-08

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.5	.2								9.4	5.9	5.0
.9									7.3	4.7	4.0
.2	.1								7.5	4.3	4.0
.3									3.3	5.0	4.0
									1.9	4.2	3.0
.5									3.7	5.4	4.0
1.1									11.6	5.3	5.0
1.2	.2								12.2	5.9	6.0
1.1									4.0	6.4	6.0
									1.6	3.9	4.0
.9	.2								4.4	6.6	7.0
.5									3.0	6.3	7.0
//////////									30.1	//////////	
8.3	.7								100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: MAY HOU

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(N) 350-010	2.3	3.3	2.5	.2							
020-040	2.2	2.7	1.3								
050-070	4.2	2.7	1.0	.1							
(E) 080-100	2.3	1.6	.4								
110-130	2.6	1.2	.1								
140-160	3.0	1.9	.5								
(S) 170-190	4.1	6.3	2.9	.2	.1						
200-220	3.2	7.3	3.2	.2							
230-250	2.9	3.2	3.4	.9	.2						
(W) 260-280	2.2	2.2	1.1								
290-310	.3	3.1	.9								
320-340	2.7	2.3	1.3	.2							
VARIABLE											
CALM	//										
TOTALS	32.0	38.2	18.6	1.7	.3						

TOTAL NUMBER OF OBSERVATIONS 930

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

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
) UTC: + 5 MONTH: MAY HOURS: 09-11

	WIND SPEED IN KNOTS										
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.5	.2								8.3	7.5	8.0
1.3									6.1	6.5	6.0
1.9	.1								8.0	5.4	4.0
.4									4.8	5.1	4.0
.1									3.9	4.3	4.0
.5									4.4	5.2	5.0
2.3	.2	.1							13.7	6.7	6.0
3.3	.2								14.0	7.2	7.0
1.4	.3	.2							10.5	8.2	8.0
1.1									5.4	6.3	6.0
.3									4.7	7.0	7.0
1.3	.2								7.0	6.2	6.0
////	////	////	////	////	////	////	////	////	9.2	////	////
13.4	1.7	.3							100.0	6.0	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAY HOURS: 1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	1.6	2.2	2.3	1.0								7
020-040	2.4	2.9	2.4	.1								7
050-070	2.0	1.3	1.2									5
(E) 080-100	2.9	2.6	.4	.2								6
110-130	1.2	1.3	.1									2
140-160	1.9	1.3	.6									4
(S) 170-190	2.4	3.4	3.0	.2								9
200-220	2.4	6.3	5.2	1.2	.3	.1						15
230-250	1.9	3.9	5.1	1.3	.2							12
(W) 260-280	1.3	3.3	1.9	.5	.1							7
290-310	1.9	4.5	1.6	.2								8.
320-340	1.-	2.9	2.5		.1							7
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: MAY HOURS: 12-14

	WIND SPEED IN KNOTS										
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.3	1.0								7.0	8.6	9.0
3.4	.1								7.7	7.2	8.0
1.2									5.1	6.1	6.0
.4	.2								6.1	5.7	5.0
.1									2.6	5.0	5.0
.3									4.4	5.8	6.0
3.7	.2								9.0	7.6	7.0
6.2	1.2	.3	.1						15.5	9.1	8.5
7.1	1.3	.2							12.4	9.6	10.0
3.9	.5	.1							7.4	8.4	8.0
1.9	.2								8.3	7.2	7.0
2.9		.1							7.3	7.7	8.0
//////	//////	//////	//////	//////	//////	//////	//////	//////	7.2	//////	//////
95.3	4.7	.7	.1						100.0	7.3	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: MAY HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.7	3.3	3.0	.5								8.6
020-040	1.9	3.4	1.7	.3								7.4
050-070	2.2	3.2	.8	.1								6.2
(E) 080-100	2.0	2.2	.6									4.8
110-130	1.8	1.3										3.1
140-160	1.2	1.6	.6									4.3
(S) 170-190	1.9	4.4	2.2									8.5
200-220	3.4	5.2	4.4	1.2	.2							14.4
230-250	1.1	2.7	4.6	1.0			.1					9.5
(W) 260-280	1.4	4.4	2.9	1.4	.1							10.2
290-310	1.5	3.9	2.9	1.0								9.1
320-340	1.7	2.9	2.4	.3								7.3
VARIABLE												
CALM	////	////	////	////	////	////	////	////	////	////	////	6.5
TOTALS	22.6	38.5	26.0	5.8	.3		.1					100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAY HOURS: 15-17

	WIND SPEED IN KNOTS									
4	15-19	20-24	25-29	30-34	35-39	40-49	50-64	OR 65	TOTAL %	MEAN WIND	MEDIAN WIND
)	.5								8.6	8.0	8.0
7	.3								7.4	7.0	6.0
	.1								6.2	6.1	6.0
)									4.8	5.9	6.0
									3.1	4.3	4.0
									4.3	5.5	5.0
)									8.5	6.9	7.0
	1.2	.2							14.4	8.3	8.0
	1.0			.1					9.5	10.1	10.0
	1.4	.1							10.2	9.2	8.0
	1.0								9.1	8.6	8.0
	.3								7.3	7.4	6.5
	//								6.5	//////////	
	5.3	.3		.1					100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - F
LST TO UTC: + 5 MONTH: MAY HOURS: 18-20

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	%
(N) 350-010	2.7	6.5	2.0									11.2	
020-040	3.7	3.3	1.5	.1								8.6	
050-070	4.1	2.0	.2									6.3	
(E) 080-100	2.6	1.7	.1									4.4	
110-130	3.5	1.5										5.1	
140-160	2.4	2.2	.3	.1								4.9	
(S) 170-190	5.1	3.1	1.4									9.6	
200-220	3.8	5.2	1.8	.4								11.2	
230-250	2.7	2.8	1.4	.2								6.9	
(W) 260-280	2.2	4.1	1.5	.1	.1							8.0	
290-310	1.7	2.6	1.6	.4								6.2	
320-340	2.2	2.4	1.6									6.1	
VARIABLE													
CALM	//////////////

'CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
JTC: + 5 MONTH: MAY HOURS: 18-20

	WIND SPEED IN KNOTS									
	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
									11.2	6.6	6.0
	.1								8.6	6.1	5.5
									6.3	4.3	4.0
									4.4	4.1	3.0
									5.1	3.7	4.0
	.1								4.9	5.2	5.0
									9.6	5.3	4.0
	.4								11.2	6.5	6.0
	.2								6.9	7.1	7.0
	.1	.1							8.0	6.9	5.0
	.4								6.2	7.5	7.0
									6.1	6.5	6.0
	//////////								11.6	//////////	
	1.3	.1							100.0	5.3	5.0

TAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 21-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	3.3	2.9	1.0									7.2
020-040	4.5	3.1	.8									8.4
050-070	5.2	1.7	.2									7.1
(E) 080-100	3.1	.6										3.8
110-130	2.2	.8										2.9
140-160	5.2	1.2	.5									6.9
(S) 170-190	7.7	3.3	.6									11.7
200-220	2.3	2.5	.4	.3		.1						7.1
230-250	2.7	1.3	.2									4.2
(W) 260-280	2.7	1.7	.1	.1								4.6
290-310	1.4	1.2	1.1									3.7
320-340	.7	1.4	1.3	.1								3.7
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAY HOURS: 21-23

	WIND SPEED IN KNOTS										
1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.0									7.2	5.2	5.0
.7									8.4	5.1	4.0
.2									7.1	4.0	4.0
									3.8	3.4	3.0
									2.9	3.9	4.0
.5									6.9	4.2	3.5
.9									11.7	4.3	4.0
.9	.3		.1						7.1	5.6	4.0
.3									4.2	4.7	4.0
.1	.1								4.6	4.9	4.0
1.1									3.7	6.4	6.5
1.2	.1								3.7	7.6	7.5
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	28.8	//////////	//////////
5.2	.5		.1						100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION MAW
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FE
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	WI
(N) 350-010	2.3	3.5	1.7	.2								5.3	6
020-040	2.7	3.6	1.1	.1								7.6	5
050-070	3.9	2.2	.5	.0								6.6	4
(E) 080-100	2.3	1.4	.3	.0								4.0	4
110-130	1.9	1.0	.0									2.9	4
140-160	2.7	1.4	.5	.0								4.7	5
(S) 170-190	6.6	4.1	1.6	.1	.0							11.2	5
200-220	3.3	4.9	2.2	.4	.1	.0						11.4	6
230-250	1.9	2.2	2.0	.4	.1		.0					6.6	9
(W) 260-280	1.5	2.2	1.0	.3	.0							5.1	7
290-310	1.3	2.5	1.3	.2								5.3	7
320-340	1.7	2.1	1.4	.1	.0							5.1	6
VARIABLE													
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
(-) UTC: + 5 MONTH: MAY HOURS: ALL

WIND SPEED IN KNOTS								TOTAL	MEAN	MEDIAN
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	%	WIND	WIND
1.7	.2								8.3	6.6	6.0
1.1	.1								7.5	5.5	5.0
.5	.0								6.6	4.7	4.0
.3	.0								4.0	4.8	4.0
.5									2.7	4.1	4.0
.5	.0								4.7	5.0	4.0
1.4	.1	.0							11.2	5.5	5.0
.3	.4	.1	.0						11.4	6.9	6.0
.1	.4	.1		.0					6.6	8.0	8.0
1.3	.3	.0							5.1	7.1	6.0
.3	.2								5.6	7.3	7.0
1.4	.1	.0							5.1	6.9	7.0
////	////	////	////	////	////	////	////	////	21.0	////	////
7.1	1.8	.2							100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB
LST TO UTC: + 5 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 2

	WIND SPEED IN KNOTS												
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL	MEA
(DEGREES)												%	WIN
(N) 350-010	3.8	5.2	5.2	1.5								15.2	8.
020-040	1.5	1.7	1.1	.1								4.4	6.
050-070	3.6	2.5	.4									6.5	5.
(E) 080-100	2.6	1.5	.9	.1								5.1	5.
110-130	1.7	1.3										3.1	4.
140-160	2.3	1.2	1.2									5.2	5.
(S) 170-190	3.7	3.1	2.4	.1								9.3	6.
200-220	2.9	3.7	1.2									7.9	5.
230-250	1.5	1.3	.9	.3								4.0	5.
(W) 260-280	.9	1.3	.1	.1	.1							2.7	6.
290-310	.7	5.7	2.0	.1								8.7	7.
320-340	1.3	2.9	3.6	.4	.1							8.1	8.
VARIABLE													
CALM	//////////////

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

STION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 89
T TO UTC: + 5 MONTH: MAY HOURS: ALL

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

WIND SPEED IN KNOTS										
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
5.2	1.5								15.2	8.4	9.0
1.1	.1								4.4	6.7	8.0
.4									6.5	5.0	4.0
.9	.1								5.1	5.7	4.5
									3.1	4.0	4.0
1.2									5.2	5.8	4.0
2.4	.1								9.3	6.5	6.0
1.2									7.9	5.9	6.0
.8	.3								4.0	6.8	5.5
.1	.1	.1							2.7	6.3	5.0
2.0	.1								9.7	7.9	8.0
3.4	.1	.1							8.1	8.7	9.0
//									20.0	//////////	
19.0	2.4	.2							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS 751

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUN HOURS: 00-0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.3	2.1	1.0									5.4
020-040	5.2	1.0	.1									6.3
050-070	4.0	1.0										5.0
(E) 080-100	1.5	.7										2.2
110-130	1.7	.1										1.8
140-160	3.9	.4										4.3
(S) 170-190	13.2	3.3	.2									16.7
200-220	6.3	4.1	.3	.1								10.8
230-250	.7	1.2	.3									2.2
(W) 260-280	1.0	1.3	.2									2.6
290-310	2.0	.7	.4									3.1
320-340	1.2	1.1	.7									4.3
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: JUN HOURS: 00-02

WIND SPEED IN KNOTS											
1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.8									5.4	5.8	6.0
.1									6.3	3.6	3.0
									5.0	3.4	3.0
									2.2	3.9	4.0
									1.8	2.9	3.0
									4.3	3.1	3.0
.7									16.8	3.7	3.0
.9	.1								10.8	4.9	4.0
.3									2.2	6.8	7.0
.2									2.6	5.7	6.0
.4									3.1	5.1	4.0
.7									3.0	6.0	5.0
//									36.4	//////////	
3.7	.1								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUN HOURS: (

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	T
(N) 350-010	2.4	1.9	.1									4
020-040	4.8	1.3										6
050-070	3.3	.9										4
(E) 080-100	1.2	.2										1
110-130	.3	.1										
140-160	1.2	.3	.1									2
(S) 170-190	12.2	3.3	.1	.1								15
200-220	5.1	2.7	1.1									9
230-250	1.3	1.1	.2	.1								2
(W) 260-280	1.1	1.7										2
290-310	1.3	1.3	.2	.1								3
320-340	1.4	1.0	.4									2
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: JUN HOURS: 03-05

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1									4.4	4.7	4.0
									6.1	3.5	3.0
									4.7	3.5	3.0
									1.4	2.9	2.0
									.9	3.0	2.5
.1									2.7	3.1	2.0
.1	.1								15.8	3.6	3.0
1.1									8.9	5.0	4.0
.2	.1								2.8	5.3	5.0
									2.8	5.1	5.0
.2	.1								3.4	5.3	4.0
.4									2.9	5.4	4.5
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	42.2	//////////	//////////
2.2	.3								100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 04-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.6	1.9	.9									5.3
020-040	3.0	1.0	.4									4.4
050-070	5.1	2.4	.1									7.7
(E) 080-100	1.4	1.2										2.7
110-130	1.7	.6										2.4
140-160	2.5	.8										3.3
(S) 170-190	8.3	5.4	.7									14.3
200-220	6.0	7.2	1.0									14.2
230-250	2.0	2.4	1.0									5.4
(W) 260-280	1.3	1.3	.4									3.1
290-310	1.2	1.0	.2									2.4
320-340	1.4	1.4	.9	.1								3.9
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: JUN HOURS: 06-08

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.9									5.3	5.3	5.0
	.4									4.4	4.3	3.0
	.1									7.7	3.8	4.0
										2.7	4.4	4.0
										2.4	3.6	3.5
										3.3	3.3	3.0
	.7									14.9	4.6	4.0
	1.0									14.2	5.4	5.0
	1.0									5.4	6.0	5.0
	.4									3.1	5.8	5.0
	.2									2.4	5.5	4.5
	.9	.1								3.9	6.4	6.0
///										30.1	//////////	
	5.5	.1								100.0	3.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 09

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	2.3	1.9	1.0	.2								5.
020-040	2.4	2.2	.3									5.
050-070	2.2	3.0	.1									5.
(E) 080-100	1.8	1.7										3.
110-130	1.9	1.2										3.
140-160	2.4	1.9	.2									4.
(S) 170-190	4.7	5.1	1.9									11.
200-220	3.9	11.1	3.4	.1								1
230-250	2.4	5.7	3.4									11.
(W) 260-280	2.4	3.4	1.4	.3	.1							7.
290-310	1.7	3.0	1.7	.1								6.
320-340	2.4	3.3	1.7	.2								7.
VARIABLE												
CALM	//////////////

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

STION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUN HOURS: 09-11

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.0	.2								5.4	6.2	6.0
.3									5.0	5.1	5.0
.1									5.3	4.8	5.0
									3.4	4.7	4.0
									3.1	3.9	4.0
.2									4.7	4.5	4.0
1.9									11.7	5.8	5.0
3.4	.1								12.6	6.9	7.0
3.5									11.7	7.5	8.0
1.4	.3	.1							7.9	7.1	6.0
1.7	.1								6.4	7.1	7.0
1.7	.2								7.9	7.0	7.0
//									9.0	//////////	
19.5	.9	.1							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 12

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	1.1	2.2	1.7	.1								5.
020-040	1.3	1.8	.7									4.
050-070	2.9	3.1	.1									6.
(E) 080-100	2.3	2.1	.1									4.
110-130	1.6	1.1										2.
140-160	2.2	1.9	.1									4.
(S) 170-190	2.8	5.6	1.9									10.
200-220	2.3	7.8	5.4	1.0								16.
230-250	.8	5.2	6.4	1.1								13.
(W) 260-280	1.7	4.9	2.3	.7								9.
290-310	1.0	2.2	3.1	.9								7.
320-340	1.2	4.0	3.7	.2								9.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUN HOURS: 12-14

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.7	.1								5.1	7.7	8.0
.7									4.2	5.4	5.0
.1									6.1	4.8	5.0
.1									4.6	4.9	4.0
									2.7	4.3	4.0
.1									4.9	4.5	4.0
1.9									10.2	6.6	6.5
7.4	1.0								16.6	8.5	8.0
5.4	1.1								13.6	9.8	10.0
2.3	.7								9.6	8.0	8.0
3.1	.9								7.2	9.7	10.0
3.7	.2								9.8	7.9	8.0
//////////									5.6	//////////	
35.5	4.0								100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUN HOURS: 15-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.4	2.7	2.3	.3								6.8
020-040	1.7	3.3	.2									5.2
050-070	1.8	2.1	.2									4.1
(E) 080-100	2.6	1.7	.1									4.3
110-130	2.5	1.9										4.4
140-160	2.2	2.2	.3	.1								4.9
(S) 170-190	1.7	4.2	1.1									7.0
200-220	2.2	6.2	5.3	1.8	.1							15.7
230-250	1.4	5.7	5.3	2.0								14.4
(W) 260-280	1.7	3.9	2.1	.2								7.9
290-310	1.8	3.3	4.7	.8								10.6
320-340	1.3	3.6	2.7	.2	.1							7.9
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUN HOURS: 15-17

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.8	.3								6.8	7.8	7.0
.2									5.2	5.8	6.0
.2									4.1	5.1	5.0
.1									4.3	4.5	4.0
									4.4	4.3	4.0
.3	.1								4.9	5.3	5.0
1.1									7.0	6.8	6.0
5.3	1.8	.1							15.7	9.0	9.0
8.2	2.0								14.9	9.7	10.0
2.1	.2								7.9	7.7	7.0
4.7	.8								10.6	9.2	10.0
3.7	.2	.1							7.9	8.4	8.0
//									6.3	//////////	
24.9	5.4	.2							100.0	7.3	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 18

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	1.4	4.8	1.7	.1								8.0
020-040	2.9	2.9	.6									6.3
050-070	4.2	1.9	.1									6.2
(E) 080-100	3.1	.9										4.0
110-130	3.6	1.1										4.7
140-160	3.6	1.2	.1									4.9
(S) 170-190	4.9	3.4	1.1									9.4
200-220	4.4	7.4	1.9	.2								13.9
230-250	3.4	5.4	2.0	.3								10.3
(W) 260-280	2.2	3.1	1.0	.2	.1							6.7
290-310	2.3	3.4	1.4	.3	.1							7.3
320-340	1.6	2.9	1.3	.1								6.3
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
GMT TO UTC: + 5 MONTH: JUN HOURS: 18-20

WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	MEDIAN WIND
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1.7	.1								3.0	7.1	7.0
.6									6.3	5.2	5.0
.1									6.2	4.0	4.0
									4.0	3.5	3.0
									4.7	3.5	3.0
.1									4.2	3.6	3.0
1.1									9.4	5.3	4.0
1.2	.2								13.9	6.5	7.0
2.2	.3								10.2	7.3	7.0
1.0	.2	.1							6.7	6.5	6.0
1.2	.3	.1							5.0	7.5	7.0
1.2	.1								6.3	7.4	8.0
//////////									10.8	//////////	
12.2	1.2	.2							100.0	5.3	5.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUN HOURS: 2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	1.1	2.4	.4									4.
020-040	4.4	1.9	.2									6.
050-070	4.4	1.9	.1									6.
(E) 080-100	4.7	.3	.1									5.
110-130	2.9	.3										3.
140-160	5.4	.4	.1									7.
(S) 170-190	9.0	4.9	.4	.2								15.
200-220	6.9	5.3	.5	.2								13.
230-250	.7	1.5	.4									2.
(W) 260-280	1.7	1.8	.2									3.
290-310	3.1	1.7	.2	.1								5.
320-340	1.7	1.7	.1		.1							4.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
STATION UTC: + 5 MONTH: JUN HOURS: 21-23

	WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.4									4.0	6.2	6.0
	.?									6.6	4.0	4.0
	.!									?.3	3.5	3.0
	.1									5.1	2.9	2.5
										3.2	3.3	3.0
	.1									7.0	2.9	3.0
	.?	.2								15.4	4.3	4.0
	.?	.2								10.0	4.9	4.0
	.?									2.7	5.2	5.0
	.?									3.2	4.7	4.0
	.?	.1								5.0	4.9	4.0
	.?		.1							4.1	5.7	5.0
	//////////									25.3	//////////	
	3.?	.5	.1							100.0	3.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												
(N) 350-010	1.3	2.5	1.1	.1								5.6
020-040	3.3	1.9	.3									5.5
050-070	3.9	2.0	.1									6.0
(E) 080-100	2.3	1.1	.0									3.5
110-130	1.1	.3										2.3
140-160	3.3	1.2	.1	.0								4.6
(S) 170-190	7.3	4.4	.9	.0								12.7
200-220	4.5	6.2	2.4	.4	.0							13.6
230-250	1.5	3.5	2.5	.4								7.9
(W) 260-280	1.5	2.6	1.0	.2	.0							5.5
290-310	1.1	2.1	1.5	.3	.0							5.0
320-340	1.5	2.4	1.6	.1	.0							5.7
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.1	.1								5.6	6.5	6.0
	.3									5.5	4.5	4.0
	.1									6.0	4.1	4.0
	.0									3.5	4.0	4.0
										2.9	3.7	4.0
	.1	.0								4.6	3.8	3.0
	.9	.0								12.7	4.8	4.0
	2.4	.4	.0							13.6	6.7	6.0
	2.5	.4								7.9	8.2	8.0
	1.0	.2	.0							5.5	6.8	6.0
	1.5	.3	.0							5.8	7.5	7.0
	1.6	.1	.0							5.7	7.2	7.0
//////	//////	//////	//////	//////	//////	//////	//////	//////	//////	20.8	//////	//////
	11.5	1.5								100.0	4.7	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 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 G

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	3.4	4.4	2.3	.5								10.6
020-040	2.1	.9	.2									3.2
050-070	1.1	1.1										2.3
(E) 080-100	2.5	.2										2.8
110-130	1.8	.5										2.3
140-160	4.1	1.4										5.5
(S) 170-190	8.0	6.4	.7									15.2
200-220	7.2	5.7	1.4									14.9
230-250	.9	3.4	1.6	.2								6.2
(W) 260-280	2.1	2.3	.7	.2								5.3
290-310	1.4	1.6	1.1	.2								4.4
320-340	1.4	1.4	.5									3.2
VARIABLE												
CALM	////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JUN HOURS: ALL

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

WIND SPEED IN KNOTS										
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.3	.5								10.6	6.8	7.0
.2									3.2	4.4	3.0
									2.3	4.5	4.5
									2.8	2.8	3.0
									2.3	3.2	2.5
									5.5	3.5	3.0
.7									15.2	4.7	4.0
1.4									14.9	5.0	4.0
1.5	.2								6.2	8.3	8.0
.7	.2								5.3	6.6	6.0
1.1	.2								4.4	7.6	8.0
.5									3.2	5.8	6.5
////	////	////	////	////	////	////	////	////	24.1	////	////
3.5	1.1								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 435

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: JUL HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.7	1.1	.1									3.9
020-040	4.5	1.5										6.1
050-070	4.2	.3	.1									4.6
(E) 080-100	1.4	.3	.1									1.8
110-130	1.0	.1										1.1
140-160	3.9	1.1										4.9
(S) 170-190	11.3	4.4	.1									15.8
200-220	6.1	3.1										9.2
230-250	1.6	1.5	.1									3.2
(W) 260-280	1.5	.4										1.9
290-310	1.0	1.0										1.9
320-340	.5	1.4										2.0
VARIABLE												
CALM	////////////

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

STN NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME UTC: + 5 MONTH: JUL HOURS: 00-02

WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	MEDIAN WIND
1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
.1									3.9	4.1	3.0
									6.1	3.4	3.0
.1									4.6	3.0	2.0
.1									1.8	3.5	3.0
									1.1	2.9	3.0
									4.9	3.4	3.0
.1									15.8	4.0	4.0
									9.2	4.0	4.0
.1									3.2	4.9	4.5
									1.9	3.7	4.0
									1.9	4.9	4.5
									2.0	5.6	5.0
//////////									43.3	//////////	
.3									100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUL HOURS: 03-0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.7	2.0										4.7
020-040	4.0	.4										4.4
050-070	3.2	.3										3.5
(E) 080-100	1.0	.3										1.3
110-130	.9	.2										1.1
140-160	2.4	.4										2.8
(S) 170-190	10.4	4.2										14.6
200-220	6.0	3.1	.1									9.2
230-250	1.3	1.3										2.6
(W) 260-280	1.5	.6										2.2
290-310	1.7	.4										2.2
320-340	1.6	.6	.2									2.5
VARIABLE												
CALM	//////////////

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

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JUL HOURS: 03-05

WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	MEDIAN WIND
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
									4.7	4.5	4.0
									4.4	2.9	3.0
									3.5	2.9	2.0
									1.3	3.5	3.5
									1.1	3.3	3.0
									2.3	3.1	3.0
									14.6	3.6	3.0
.1									9.2	4.2	4.0
									2.6	4.6	4.5
									2.2	3.3	2.5
									2.2	3.5	3.0
.2									2.5	4.7	4.0
//									48.9	//////////	
.3									100.0	1.9	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUL HOURS: 06-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	3.3	2.7	.1									6.1
020-040	4.0	1.4	.2									5.6
050-070	5.1	1.0										6.0
(E) 080-100	2.3	.5										2.8
110-130	1.3											1.3
140-160	2.9	1.3	.1									4.3
(S) 170-190	7.1	5.1										12.2
200-220	7.8	6.2	.5		.1							14.7
230-250	1.9	1.8	.5									4.2
(W) 260-280	1.6	1.3	.1									3.0
290-310	.9	.9	.1									1.8
320-340	1.3	1.0	.1									2.4
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: JUL HOURS: 06-08

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.1									6.1	4.4	4.0
.2									5.6	3.7	3.0
									6.0	3.4	4.0
									2.8	3.3	3.0
									1.3	2.3	2.0
.1									4.3	3.7	3.0
									12.2	4.1	4.0
.5		.1							14.7	4.6	4.0
.5									4.2	5.4	5.0
.1									3.0	4.4	3.5
.1									1.8	4.9	5.0
.1									2.4	4.8	4.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	35.6	//////////	//////////
1.7		.1							100.0	2.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: JUL HOURS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(N) 350-010	1.8	2.8	.3								
020-040	2.6	3.2	.2								
050-070	3.9	4.9	.1								
(E) 080-100	2.2	2.6	.2								
110-130	1.3	.8	.2								
140-160	1.9	2.4									
(S) 170-190	5.5	5.6	.5								
200-220	5.5	7.4	2.6	.1							
230-250	4.1	5.7	3.7	.4							
(W) 260-280	2.8	3.8	.9								
290-310	1.3	1.9	1.2	.1							
320-340	1.1	2.5	1.2								
VARIABLE											
CALM	//										
TOTALS	35.1	43.5	11.1	.6							

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME TO UTC: + 5 MONTH: JUL HOURS: 09-11

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.3									4.9	5.5	6.0
	.2									6.0	5.2	5.0
	.1									8.9	4.8	5.0
	.2									4.8	5.2	5.0
	.2									2.8	4.1	3.5
										4.3	4.9	5.0
	.5									11.7	4.9	5.0
	3.6	.1								15.6	6.0	6.0
	3.7	.4								13.9	7.2	6.0
	.9									7.4	5.8	5.0
	1.2	.1								5.1	6.2	6.0
	1.2									4.7	7.2	7.5
	//									9.8	//////////	
	11.1	.6								100.0	5.2	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUL HOURS: 12-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	2.0	2.8	.9	.1								5.8
020-040	1.7	3.1	.2									5.1
050-070	2.7	3.1	.2									6.0
(E) 080-100	2.9	2.4	.4									5.7
110-130	1.5	1.2	.2									3.0
140-160	3.7	1.9	.1									5.7
(S) 170-190	2.3	4.3	1.1									8.7
200-220	3.3	7.7	3.5	.3								14.6
230-250	3.2	5.3	5.5	.5								15.3
(W) 260-280	2.6	5.0	2.5	.1								11.1
290-310	1.7	4.0	2.5	.4								8.7
320-340	1.7	3.1	1.3									6.2
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE TO UTC: + 5 MONTH: JUL HOURS: 12-14

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.9	.1								5.8	6.2	6.0
	.2									5.1	5.6	5.0
	.3									6.0	5.3	5.0
	.4									5.7	5.0	4.0
	.2									3.0	4.8	4.0
	.1									5.7	4.0	3.0
	1.1									8.7	6.1	6.0
	3.7	.3								14.6	7.3	7.0
	4.7	.5								15.3	8.5	8.0
	2.3	.1								11.1	7.0	6.0
	2.5	.4								8.7	7.7	8.0
	1.3									6.2	6.8	7.0
	//									4.1	//////////	
	92.7	1.5								100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: JUL HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.7	2.5	1.7	.2								6.1
020-040	2.6	2.5	.6									5.7
050-070	2.3	2.6	.9									5.8
(E) 080-100	2.2	2.3	.2									4.6
110-130	2.5	2.0										4.5
140-160	2.3	3.7	.2		.1							6.2
(S) 170-190	3.2	4.6	.8									8.6
200-220	2.0	7.4	3.0	.1								12.4
230-250	2.0	7.6	2.3	.4								13.9
(W) 260-280	1.8	6.9	2.9	.1								11.7
290-310	1.3	4.6	3.2									9.1
320-340	1.5	3.5	2.0	.1								7.2
VARIABLE												
CALM	//////////////

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

STN NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JUL HOURS: 15-17

	WIND SPEED IN KNOTS										
14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.7	.2								6.1	7.5	7.0
.3									5.7	5.7	5.0
.4									5.6	5.5	5.0
.2									4.6	4.9	5.0
									4.5	4.2	4.0
.3		.1							6.2	5.5	5.0
.									8.6	5.6	6.0
.5	.1								12.6	7.3	7.0
.	.4								13.9	7.1	7.0
.3	.1								11.7	7.6	8.0
.1									9.1	8.0	8.0
.	.1								7.2	7.6	8.0
///	///	///	///	///	///	///	///	///	4.1	///	///
.3	.2	.1							100.0	6.4	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUL HOURS: 18-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.9	3.4	.9									7.2
020-040	2.5	3.4	.8									6.7
050-070	4.9	1.5	.4									6.9
(E) 080-100	2.9	1.4										4.3
110-130	4.3	.9	.1									5.3
140-160	4.7	1.9	.1									6.8
(S) 170-190	5.3	4.4	.6									10.9
200-220	5.9	5.7	.3									12.9
230-250	2.5	4.3	1.5									8.3
(W) 260-280	3.2	5.1	1.0									9.2
290-310	2.5	2.6	.9									5.9
320-340	1.1	1.9	.5									3.5
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JUL HOURS: 18-20

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9									7.2	5.6	5.0
.2									5.7	5.6	5.0
.4									6.9	4.0	3.0
									4.3	3.8	3.0
.1									5.3	3.2	3.0
.1									6.8	4.0	4.0
.6									10.9	4.8	4.0
.3									12.9	4.8	4.0
1.5									8.8	6.3	6.0
1.0									9.2	5.7	5.0
.0									5.9	5.7	5.0
.5									3.5	6.4	6.0
//////////									11.6	//////////	
7.1									100.0	4.4	4.5

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: JUL HOURS: 21-23

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.7	1.4										4.1
020-040	6.0	1.6										7.6
050-070	3.1	1.0										4.1
(E) 080-100	2.4	.3	.3									3.0
110-130	4.0	.2	.1									4.3
140-160	7.5	1.2										8.7
(S) 170-190	10.0	4.2										14.2
200-220	6.8	2.3	.1									9.1
230-250	3.0	.5	.1									3.7
(W) 260-280	2.2	1.3	.1									3.5
290-310	1.4	.9	.3									2.6
320-340	1.2	.4	.3									1.9
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: JUL HOURS: 21-23

WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
										4.1	4.4	4.0
										7.6	3.6	4.0
										4.1	3.4	3.0
	.3									3.0	3.9	3.0
	.1									4.3	2.9	2.5
										8.7	3.1	3.0
										14.2	3.7	3.0
	.1									9.1	3.8	4.0
	.1									3.7	4.0	4.0
	.1									3.5	4.1	4.0
	.3									2.6	5.3	4.0
	.3									1.9	5.1	4.0
///////////										33.1	///////////	
	1.3									100.0	2.5	3.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724286 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 — MONTH: JUL — HOURS: ALL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	2.5	2.3	.5	.0								5.4
020-040	3.5	2.2	.3									5.9
050-070	3.7	1.8	.2									5.7
(E) 080-100	2.1	1.3	.2									3.5
110-130	2.2	.7	.1									2.9
140-160	3.7	1.7	.1		.0							5.5
(S) 170-190	7.3	4.7	.4									12.1
200-220	5.5	5.4	1.3	.1	.0							12.3
230-250	2.4	3.8	1.8	.2								8.2
(W) 260-280	2.2	3.1	.9	.0								6.3
290-310	1.5	2.0	1.0	.1								4.7
320-340	1.3	1.3	.7	.0								3.3
VARIABLE												
CALM	//////////											23.5
TOTALS	37.6	30.8	7.5	.4								100.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JUL HOURS: ALL

	WIND SPEED IN KNOTS										
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.5	.0								5.4	5.4	5.0
.3									5.9	4.5	4.0
.2									5.7	4.2	4.0
.2									3.5	4.4	4.0
.1									2.9	3.6	3.0
.1		.0							5.5	4.0	3.0
.4									12.1	4.4	4.0
1.3	.1	.0							12.3	5.4	5.0
1.2	.2								8.2	6.9	6.0
.9	.0								6.3	6.1	6.0
1.0	.1								4.7	6.6	6.0
.7	.0								3.8	6.5	6.0
//////	//////	//////	//////	//////	//////	//////	//////	//////	23.8	//////	//////
7.5	.4								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7440

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 — 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 CEILIN

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	1.4	2.0	.4									3.7
020-040	1.1	.6										1.7
050-070	1.7	.5	.1									2.3
(E) 080-100	1.4	.7	.1									2.2
110-130	1.6	.7	.1									2.5
140-160	2.2	2.1			.1							4.4
(S) 170-190	10.4	7.8	.5									18.6
200-220	8.9	6.2	.7	.2								16.0
230-250	3.5	3.2	.6	.1								7.4
(W) 260-280	1.6	1.4										3.0
290-310	1.4	.9	.2									2.5
320-340	1.2	2.6	.4									4.2
VARIABLE												
CALM	////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

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

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.4									3.7	5.9	6.0
										1.7	3.7	3.5
	.1									2.3	4.1	4.0
	.1									2.2	4.4	3.5
	.1									2.5	3.8	3.5
			.1							4.4	4.8	4.5
	.5									18.6	4.4	4.0
	.7	.2								16.0	4.8	4.0
	.3	.1								7.4	5.4	5.0
										3.0	4.2	4.0
	.2									2.5	4.9	4.0
	.4									4.2	6.0	6.0
///////////										31.4	///////////	
	3.1	.3	.1							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 810

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: AUG HOURS: 0(

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	4.3	2.9	.6									7.
020-040	8.9	1.5										10.
050-070	3.0	.3										3.
(E) 080-100	.5	.3										.
110-130	1.1	.4										1.
140-160	4.1	.3										4.
(S) 170-190	10.2	4.1	.1									14.
200-220	4.9	2.4	.3									7.
230-250	1.8	.5	.1									2.
(W) 260-280	1.0	.3	.1									1.
290-310	.4	.5										1.
320-340	1.0	1.0		.1								2.
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: AUG HOURS: 00-02

WIND SPEED IN KNOTS 11-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.6									7.8	4.9	4.0
									10.4	3.5	3.0
									3.3	2.5	2.0
									.9	3.6	3.5
									1.5	3.2	2.0
									4.4	2.7	2.0
.1									14.4	3.7	3.0
.3									7.6	4.3	4.0
.1									2.5	3.9	4.0
.1									1.4	4.8	4.0
									1.0	4.6	5.0
	.1								2.0	5.2	5.0
//////////									42.7	//////////	
1.2	.1								100.0	2.2	3.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: AUG HOURS: 03

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT. %
(N) 350-010	5.5	3.0	.2									8.
020-040	6.6	.8										7.
050-070	2.5	.3										3.
(E) 080-100	1.3	.4										1.
110-130	1.0	.1										1.
140-160	3.2	.8										4.
(S) 170-190	9.0	4.3	.3									13.
200-220	4.4	2.3	.2									6.
230-250	1.5	.3	.4									2.
(W) 260-280	.4	.5	.1									1.
290-310	.5	.2										.
320-340	.2	.9	.1									1.
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: AUG HOURS: 03-05

WIND SPEED IN KNOTS											
[illegible]-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2									8.8	4.5	4.0
									7.3	3.2	3.0
									3.2	3.3	3.0
									1.7	3.1	2.0
									1.1	2.6	2.0
									4.0	3.4	3.0
.3									13.7	3.9	4.0
.2									6.9	4.5	4.0
.1									2.7	5.1	4.0
.1									1.1	6.0	5.0
									.8	4.7	4.0
.1									1.7	4.8	5.0
//									47.1	////////////	
1.1									100.0	2.1	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: AUG HOURS: 06-0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	5.1	3.2	.4									8.7
020-040	5.5	2.9	.3									9.0
050-070	4.9	1.3										6.2
(E) 080-100	1.4	1.1										2.5
110-130	1.1	.1										1.2
140-160	2.3	.2										3.5
(S) 170-190	10.6	5.1	.4									16.1
200-220	4.3	3.9	.5									8.7
230-250	1.5	1.7	.4									3.7
(W) 260-280	1.2	.3	.2									1.7
290-310	.4	.1			.1							.6
320-340	.9	.5	.2									1.6
VARIABLE												
CALM	//////////////

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

AD: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: AUG HOURS: 06-08

WIND SPEED IN KNOTS 16-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
								8.7	4.6	4.0
								9.0	4.2	4.0
								6.2	3.4	3.0
								2.5	4.2	4.0
								1.2	2.8	3.0
								3.5	3.2	3.0
								16.1	4.1	4.0
								8.7	4.8	5.0
								3.7	5.5	6.0
								1.7	4.9	4.0
.1								.6	5.8	2.5
								1.6	5.1	4.0
////////////

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: AUG HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.6	3.8	.8	.2								7.3
020-040	2.5	3.9	.4									6.8
050-070	4.9	4.5	.9									10.3
(E) 080-100	3.0	1.4	.4									4.8
110-130	1.3	.5										2.4
140-160	3.3	1.0										4.3
(S) 170-190	5.5	6.1	1.1									12.7
200-220	4.0	8.3	2.7	.1								15.1
230-250	3.1	5.6	2.3	.2								11.2
(W) 260-280	2.6	2.4	.6									5.5
290-310	2.3	1.1										3.3
320-340	1.7	1.2	.5	.1								3.5
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: AUG HOURS: 09-11

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.8	.2								7.3	6.2	6.0
.4									6.8	5.9	6.0
.9									10.3	5.3	5.0
.4									4.8	4.7	4.0
									2.4	3.3	2.5
									4.3	3.6	3.0
1.1									12.7	5.5	5.5
2.7	.1								15.1	6.4	6.0
1.3	.2								11.2	6.7	6.0
.5									5.5	5.7	5.0
									3.3	4.2	4.0
.5	.1								3.5	5.7	5.0
//////////									12.8	//////////	
9.7	.6								100.0	4.9	5.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: AUG HOURS: 12

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	2.5	3.0	1.4	.1								7.
020-040	1.7	3.7	1.1									6.
050-070	4.1	3.8	1.2	.1								9.
(E) 080-100	2.4	1.9	.2									4.
110-130	2.0	.8	.1									2.
140-160	2.7	2.6										5.
(S) 170-190	3.0	7.3	1.2									11.
200-220	2.5	8.1	3.9	.2								14.
230-250	2.4	7.3	5.3	.8								15.
(W) 260-280	1.2	4.3	2.8	.2								8.
290-310	1.3	2.7	1.1	.1	.1							5.
320-340	1.4	1.5	1.2	.1								4.
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: AUG HOURS: 12-14

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.4	.1								7.0	6.4	6.0
1.1									6.5	6.4	6.0
1.2	.1								9.1	5.7	5.0
.2									4.5	4.7	4.0
.1									2.9	4.0	4.0
									5.3	4.9	4.0
1.2									11.5	6.3	6.0
3.9	.2								14.6	7.6	5.0
6.3	.8								15.7	8.2	8.0
7.3	.2								8.5	8.1	8.0
1.1	.1	.1							5.8	6.9	6.5
1.2	.1								4.2	7.0	7.0
//									4.3	//////////	
19.5	1.6	.1							100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 929

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: AUG HOURS: 15-17

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.0	2.5	2.6	.1	.1		.1					6.3
020-040	1.6	3.6	1.3									6.7
050-070	4.8	3.7	1.0									9.5
(E) 080-100	2.9	2.2	.2									5.3
110-130	1.8	1.0	.1									2.9
140-160	3.6	2.0	.1									5.7
(S) 170-190	3.8	5.9	.9									10.5
200-220	2.5	7.5	3.5	.4								14.0
230-250	2.4	5.7	3.3	.8								13.1
(W) 260-280	1.8	3.8	2.6	.6								8.8
290-310	1.4	2.8	2.6	.5								7.3
320-340	.6	1.9	2.0	.1								4.7
VARIABLE												
CALM	////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: AUG HOURS: 15-17

WIND SPEED IN KNOTS											
1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
2.6	.1	.1		.1					6.3	8.9	9.0
1.3									6.7	6.6	6.0
1.9									9.5	5.2	4.0
.2									5.3	4.7	4.0
.1									2.9	4.2	4.0
.1									5.7	4.2	4.0
.9									10.5	5.6	5.0
3.5	.4								14.0	7.7	8.0
3.3	.3								13.1	7.8	7.0
2.6	.6								8.8	8.3	8.0
2.6	.5								7.3	8.3	8.0
2.0	.1								4.7	8.5	8.5
//									5.2	//////////	
20.2	2.5	.1		.1					100.0	6.5	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: AUG HOURS: 19

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	1.3	4.4	1.4	.1								7.
020-040	2.5	4.1	.5	.1								7.
050-070	3.5	1.3	.4									4.
(E) 080-100	4.2	.8										4.
110-130	4.5	.5										5.
140-160	4.5	1.1										5.
(S) 170-190	6.0	3.1	.1									9.
200-220	5.5	6.5	.6									12.
230-250	2.3	4.4	1.0									7.
(W) 260-280	2.3	2.4	1.0	.1								5.
290-310	2.2	2.4	.5									5.
320-340	.9	2.2	1.3									4.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: AUG HOURS: 18-20

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.4	.1								7.2	7.1	7.0
	.5	.1								7.2	5.6	6.0
	.4									7.7	3.9	4.0
										4.9	3.0	3.0
										5.1	2.9	3.0
										5.6	3.3	3.0
	.1									9.2	4.3	4.0
	.5									12.6	5.2	5.0
	1.0									7.6	6.3	6.0
	1.0	.1								5.7	6.3	6.0
	.5									5.1	5.9	6.0
	1.3									4.3	7.3	7.0
	//									17.7	//////////	
	6.8	.3								100.0	4.2	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: AUG HOUR

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(N) 350-010	2.2	2.3	.6								
020-040	5.5	3.4	.1								
050-070	5.5	.6									
(E) 080-100	3.9										
110-130	3.5	.2									
140-160	5.3	1.2									
(S) 170-190	9.1	3.4	.1								
200-220	5.6	2.0	.2								
230-250	1.6	1.0	.2	.1							
(W) 260-280	1.5	.6									
290-310	1.3	.3	.2			.1					
320-340	1.4	1.3	.3								
VARIABLE											
CALM	//										
TOTALS	46.5	16.8	1.7	.1		.1					

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: AUG HOURS: 21-23

	WIND SPEED IN KNOTS										
	1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.8									5.1	5.5	5.0
5.1	.1									9.1	4.5	4.0
9.1										6.1	2.9	2.0
6.1										3.9	2.3	2.0
3.9										3.8	2.3	2.0
3.8										6.5	3.3	3.0
6.5	.1									12.7	3.8	4.0
2.7	.2									7.8	4.0	4.0
7.8	.2	.1								2.9	5.1	4.0
2.9										2.2	3.8	4.0
2.2	.2			.1						1.9	5.7	4.0
1.9	.3									3.5	5.4	5.0
	////////////

OPERATING LOCATION "AM"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: AUG HOURS:

		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
(N)	350-010	3.1	3.1	1.0	.1	.0		.0				
	020-040	4.4	3.0	.5	.0							
	050-070	4.4	2.1	.4	.0							
(E)	080-100	2.4	1.0	.1								
	110-130	2.1	.5	.0								
	140-160	3.7	1.2	.0								
(S)	170-190	7.2	4.9	.5								
	200-220	4.2	5.1	1.5	.1							
	230-250	2.1	3.5	1.6	.2							
(W)	260-280	1.5	1.3	.9	.1							
	290-310	1.3	1.3	.6	.1	.0	.0					
	320-340	1.1	1.4	.7	.1							
	VARIABLE											
	CALM	//////////										
	TOTALS	37.6	28.9	7.8	.7							1

TOTAL NUMBER OF OBSERVATIONS 7439

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: AUG HOURS: ALL

	WIND SPEED IN KNOTS										
	1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.0	.1	.0		.0					7.3	5.9	5.0
	.5	.0								7.9	4.8	4.0
	.4	.0								6.9	4.4	4.0
	.1									3.6	3.9	3.0
	.1									2.6	3.2	3.0
	.0									4.9	3.6	3.0
	.5									12.6	4.6	4.0
	.5	.1								10.9	5.9	5.0
	1.9	.2								7.4	7.0	6.0
	.1	.1								4.4	6.8	6.0
	.1	.1	.0	.0						3.2	6.5	6.0
	.1	.1								3.2	6.5	6.0
	///	///	///	///	///	///	///	///	///	25.1	///////////	
	.5	.7								100.0	4.0	5.0

TOTAL NUMBER OF OBSERVATIONS 7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724288 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: AUG HOURS: AL

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 CEILI

		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	TOT
(N)	350-010	2.7	2.3	.2			.1						5.
	020-040	1.7	1.9	.3									4.
	050-070	2.9	1.0	.1									4.
(E)	080-100	2.0	.4										2.
	110-130	1.6	.2										2.
	140-160	3.2	.6										3.
(S)	170-190	7.6	4.9	.3									14.
	200-220	6.4	5.7	.9	.1								13.
	230-250	3.1	3.0	1.0	.2								7.
(W)	260-280	1.9	1.0	.3	.1								3.
	290-310	1.3	.4	.3									2.
	320-340	1.0	1.6	.1									3.
	VARIABLE												
	CALM	//////////////

-CENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: AUG HOURS: ALL

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

%	WIND SPEED IN KNOTS 16-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
				.1					5.4	5.4	4.5
									4.9	4.7	4.0
									4.0	3.6	3.0
									2.5	3.5	3.0
									2.0	3.2	3.0
									3.8	3.0	2.5
									14.7	4.2	4.0
	.1								13.1	5.2	5.0
	.2								7.4	6.0	6.0
	.1								3.4	5.6	4.0
									2.1	5.1	4.0
									2.7	5.3	6.0
///	///	///	///	///	///	///	///	///	34.1	///////////	
	.4			.1					100.0	3.1	4.0

TAL NUMBER OF OBSERVATIONS 895

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: SEP HOURS: 00

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	2.2	2.7	1.0	.1								6.
020-040	6.1	.7	.1	.1								7.
050-070	3.?	.?										4.
(E) 080-100	1.5	.1										1.
110-130	1.7	.1										1.
140-160	3.3	1.0										4.
(S) 170-190	6.4	3.0	.3									11.
200-220	2.3	3.0	.4									6.
230-250	1.?	.?	.?	.1								1.
(W) 260-280	.7	1.1										1.
290-310	1.0	.4	.3	.1								1.
320-340	1.7	1.2	.7		.1							3.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: SEP HOURS: 00-02

	WIND SPEED IN KNOTS										
	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.1								6.0	6.4	6.0
	.1								7.0	3.3	3.0
									4.7	3.5	3.0
									1.7	3.2	3.0
									1.8	2.8	2.0
									4.3	3.8	3.0
									11.8	4.0	3.0
									6.2	5.3	5.0
	.1								1.8	5.4	4.0
									1.8	5.2	5.5
	.1								1.9	5.6	4.0
		.1							3.7	5.5	5.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	47.4	//////////	//////////
	.4	.1							100.0	2.4	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	T
(N) 350-010	4.3	1.3	.8	.1								
020-040	5.3	.4	.7									
050-070	2.9	.3	.1									
(E) 080-100	1.6											
110-130	1.2	.2										
140-160	1.7	.3	.1									
(S) 170-190	10.0	5.0	.2									1
200-220	2.6	2.8	.2									
230-250	.3	1.0										
(W) 260-280	1.1	.3										
290-310	.3	.6	.3	.1								
320-340	.3	1.0	.7	.1								
VARIABLE												
CALM	//////////////

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

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: SEP HOURS: 03-05

WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	MEDIAN WIND
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
.5	.1								7.0	4.5	3.0
.7									6.4	3.9	3.0
.1									3.3	3.2	3.0
									1.6	2.1	2.0
									1.4	3.0	3.0
.1									2.1	4.2	4.0
.2									15.2	4.2	4.0
.2									5.6	5.2	5.0
									1.3	4.4	5.0
									1.4	3.3	3.0
.3	.1								1.8	6.1	5.0
.7	.1								2.7	7.2	5.0
//									49.7	//////////	
.1	.3								100.0	2.2	4.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS: 0

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	3.3	5.3	.7									9
020-040	4.7	1.2	.3									6
050-070	4.9	1.6										6
(E) 080-100	1.3	.2										1
110-130	.7											
140-160	1.4	.7										2
(S) 170-190	9.0	8.4	.3									17
200-220	3.1	3.9	.6									7
230-250	.3	1.2	.2									2
(W) 260-280	1.0	.3										1
290-310	1.4	.9										2
320-340	1.1	.3	1.0		.1							3
VARIABLE												
CALM	//////////////

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

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: SEP HOURS: 06-08

WIND SPEED IN KNOTS											
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.7									9.3	5.6	5.0
.3									6.2	3.8	3.0
									6.4	3.3	3.0
									1.6	3.1	3.0
									.7	2.3	2.0
									2.1	3.6	3.0
.3									17.8	4.7	4.0
.4									7.6	5.6	6.0
.2									2.2	5.8	6.0
									1.3	4.4	4.0
									2.3	4.4	4.0
1.2		.1							3.0	7.2	8.0
//									39.4	//////////	
3.1		.1							100.0	2.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: SEP HOURS: 09

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	2.7	3.4	1.9	.2								8.
020-040	2.2	2.2	1.0									5.
050-070	2.3	2.3	.4									5.
(E) 080-100	1.9	2.4	.1									4.
110-130	2.8	1.0	.2									4.
140-160	2.3	.9	.1									3.
(S) 170-190	3.0	5.8	2.6	.1								11.
200-220	5.0	8.3	3.7									17.
230-250	2.9	4.1	3.4	.1								10.
(W) 260-280	1.9	2.4	1.2	.1								5.
290-310	1.7	2.4	.7									4.
320-340	.9	1.6	1.8	.4								4.
VARIABLE												
CALM	//////////////

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

STN NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TD UTC: + 5 MONTH: SEP HOURS: 09-11

	WIND SPEED IN KNOTS										
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.9	.2								3.2	6.8	7.0
1.0									5.4	6.0	5.0
.4									5.1	5.6	5.5
.1									4.4	5.1	5.5
.2									4.0	4.1	4.0
.1									3.2	3.6	3.0
2.4	.1								11.4	6.8	6.0
3.7									17.0	6.6	7.0
3.4	.1								10.4	7.4	7.0
1.2	.1								5.7	6.9	7.0
.7									4.8	6.0	6.0
1.	.4								4.7	8.7	9.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	15.6	//////////	//////////
17.1	.9								100.0	5.4	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: SEP HOU

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	3.8	3.0	.1							
020-040	2.4	2.0	.9								
050-070	1.8	2.2	.6								
(E) 080-100	2.2	1.8	.4								
110-130	1.8	1.2	.1								
140-160	2.3	2.1	.3								
(S) 170-190	2.6	4.0	2.7	.4	.1						
200-220	3.0	6.7	4.7	.4	.1						
230-250	1.8	5.2	5.1	1.3	.2						
(W) 260-280	1.7	4.7	2.6	.1							
290-310	1.0	3.8	2.0	.1							
320-340	1.7	3.1	1.4	.2							
VARIABLE											
CALM	//										
TOTALS	24.7	40.6	23.8	2.6	.4						

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 — MONTH: SEP HOURS: 12-14

	WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	3.0	.1								9.3	7.4	7.5
	.9									5.3	5.6	5.0
	.6									4.6	5.8	6.0
	.4									4.4	5.3	4.5
	.1									3.1	4.8	4.0
	.3									4.8	4.9	5.0
	2.7	.4	.1							9.8	7.4	7.0
	4.7	.4	.1							14.9	8.0	8.0
	5.1	1.3	.2							13.7	9.2	9.0
	2.6	.1								9.0	7.6	8.0
	2.0	.1								6.9	7.8	8.0
	1.4	.2								6.4	7.1	7.0
	//									7.3	//////////	
	23.8	2.6	.4							100.0	6.7	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: SEP HOURS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	4.0	2.8	.1							
020-040	1.1	2.8	.9								
050-070	2.1	2.3	.6								
(E) 080-100	2.0	2.4									
110-130	3.6	2.0		.1							
140-160	1.3	3.1	.2								
(S) 170-190	3.2	4.6	2.2								
200-220	2.9	6.6	4.3	.6	.1						
230-250	1.2	5.3	3.9	1.7	.1						
(W) 260-280	.3	4.1	2.8	.2							
290-310	1.7	4.0	2.2	.1							
320-340	1.4	3.3	1.3	.1							
VARIABLE											
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////
TOTALS	24.3	44.7	21.2	2.9	.2						

TOTAL NUMBER OF OBSERVATIONS 900

S WI[illegible]NTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS WIND SPEED
FROM HOURLY OBSERVATIONS

78
15-1[illegible]
A[illegible]E: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: SEP HOURS: 15-17

TAL %	WIND SPEED IN KNOTS 1[illegible]-17	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
8.8	.1								8.8	7.8	8.0
4.8									4.8	6.6	7.0
5.0									5.0	5.3	5.0
4.4									4.4	4.7	5.0
5.7	.1								5.7	4.5	4.0
5.1									5.1	5.5	6.0
10.2									10.2	6.3	6.0
14.4	.6	.1							14.4	8.0	8.0
12.[illegible]	1.7	.1							12.[illegible]	9.2	9.0
7.9	.2								7.9	8.4	8.0
8.0	.1								8.0	7.7	7.5
6.2	.1								6.2	6.9	7.0
5.7	//////////								5.7	//////////	
100.0	2.9	.2							100.0	6.7	7.0

TAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: SEP HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	5.0	2.3									
020-040	3.1	1.8	.3									
050-070	4.1	.7										
(E) 080-100	3.3	.4										
110-130	5.6	1.0										
140-160	2.2	2.1										
(S) 170-190	5.7	2.9	.6									
200-220	4.5	4.8	.7	.2								
230-250	2.2	3.3	.4									
(W) 260-280	2.2	1.9	.1									
290-310	1.8	1.7	.2									
320-340	1.7	3.1	.2		.1							
VARIABLE												
CALM	////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: SEP HOURS: 18-20

	WIND SPEED IN KNOTS											
	0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	2.3									10.2	6.7	6.0
	.3									5.2	4.7	4.0
										4.8	3.2	3.0
										3.8	3.1	3.0
										6.6	3.3	3.0
										10.3	3.5	3.0
	.9									10.1	4.3	4.0
	.7	.2								10.2	5.7	5.0
	.9									7.0	5.3	5.0
	.1									4.2	4.4	4.0
	.2									3.7	5.1	5.0
	.3		.1							5.2	6.1	6.0
	////	////	////	////	////	////	////	////	////	18.7	////////////	
	4.9	.2	.1							100.0	3.9	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: SEP HOURS: 21-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.7	2.4	.9									6.0
020-040	5.0	3.0	.1									8.1
050-070	4.3	.8										5.1
(E) 080-100	2.6	.7										3.2
110-130	2.3	.8										3.1
140-160	7.4	1.9										9.3
(S) 170-190	8.1	4.7	.3									13.1
200-220	4.0	2.9	.4									7.3
230-250	1.4	.6	.1									2.1
(W) 260-280	1.8	1.0	.2									3.0
290-310	1.6	.8		.1								2.4
320-340	1.1	1.2	.2									2.6
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: SEP HOURS: 21-23

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9									6.0	5.6	5.0
.1									3.1	4.1	4.0
									5.1	3.2	3.0
									3.2	3.4	3.0
									3.1	3.2	3.0
									9.3	3.5	3.0
.3									13.1	4.3	4.0
.4									7.3	5.0	4.0
.1									2.1	4.5	4.0
.2									3.0	5.1	4.0
	.1								2.4	4.8	4.0
.2									2.6	5.4	5.0
//////////									34.6	//////////	
2.2	.1								100.0	2.8	4.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS: AL

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(DEGREES)												
(N) 350-010	2.9	3.5	1.7	.1								8.
020-040	3.9	1.8	.5	.0								6.
050-070	3.3	1.4	.2									4.
(E) 080-100	2.1	1.0	.1									3.
110-130	2.4	.9	.0	.0								3.
140-160	3.6	1.5	.1									5.
(S) 170-190	5.4	4.8	1.2	.1	.0							12.
200-220	3.5	4.9	1.9	.2	.0							10.
230-250	1.7	2.7	1.7	.4	.0							6.
(W) 260-280	1.4	2.0	.9	.1								4.
290-310	1.4	1.8	.7	.1								4.
320-340	1.3	1.9	.9	.1	.0							4.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 — MONTH: SEP HOURS: ALL

WIND SPEED IN KNOTS										
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.7	.1								3.1	6.4	6.0
.5	.0								6.1	4.6	4.0
.2									4.9	4.1	4.0
.1									3.1	4.1	4.0
.0	.0								3.3	3.7	3.0
.1									5.2	4.0	4.0
1.2	.1	.0							12.4	5.1	4.0
1.0	.2	.0							10.4	6.6	6.0
1.7	.4	.0							6.5	7.7	7.0
.9	.1								4.3	6.6	6.0
.7	.1								4.0	6.5	6.0
.9	.1	.0							4.3	7.0	6.0
////	////	////	////	////	////	////	////	////	27.5	////////////	
9.0	1.1								100.0	4.1	5.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS:

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 CEI

	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	T
(N) 350-010	1.9	.6	1.9									4
020-040	3.2	1.8	.3	.2								5
050-070	4.3	1.9	.2									6
(E) 080-100	1.6	1.0										2
110-130	1.2	.5										1
140-160	1.8	.6										2
(S) 170-190	6.4	5.8	.2									12
200-220	4.0	7.7										11
230-250	1.3	1.6	.3									3
(W) 260-280	1.3	1.6	.5	.2								4
290-310	1.3	1.0	.3	.2								2
320-340	1.0	.6	1.1	.5	.2							3
VARIABLE												
CAL	//////////////

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

STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
CT TO UTC: + 5 — MONTH: SEP HOURS: ALL

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

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.9									4.5	7.0	5.5
	.3	.2								5.5	4.7	3.0
	.2									6.4	4.0	3.5
										2.6	4.6	4.0
										3.7	3.1	3.0
										2.4	3.5	3.0
	.2									12.4	4.8	4.0
										11.7	5.8	6.0
	.3									3.2	5.3	5.0
	.5	.2								4.0	6.1	6.0
	.3	.2								2.7	6.1	6.0
	1.1	.5	.2							3.4	9.2	10.0
	////	////	////	////	////	////	////	////	////	37.5	////	////
	4.8	1.1	.2							100.0	3.3	4.0

TOTAL NUMBER OF OBSERVATIONS 622

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: NICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: OCT HOURS: (

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	3.7	1.5	.3									5
020-040	3.4	1.2	.2									4
050-070	3.0	1.8	.4									7
(E) 080-100	1.6	.5										2
110-130	1.5	.9										2
140-160	3.0	1.9	.4	.1								5
(S) 170-190	5.5	6.0	1.6									13
200-220	4.6	2.7	.6									8
230-250	1.0	1.0	.3									2
(W) 260-280	1.2	1.9	1.1	.1	.1							4
290-310	2.3	3.4	.3									6
320-340	.6	2.3	.6									3
VARIABLE												
CALM	//////////////

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

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: OCT HOURS: 00-02

WIND SPEED IN KNOTS								TOTAL	MEAN	MEDIAN
15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	%	WIND	WIND
								5.5	4.2	4.0
								6.8	3.9	3.0
								7.1	5.0	4.0
								2.2	3.6	4.0
								2.4	4.0	3.0
.1								5.5	5.2	4.0
								13.3	5.8	6.0
								8.0	5.0	4.0
								2.3	5.5	5.0
.1	.1							4.4	7.4	7.0
								6.0	5.8	6.0
								3.5	6.8	7.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	33.1	//////////	//////////
.2	.1							100.0	3.5	4.0

TAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "AM" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VER
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: OCT HOURS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	2.6	1.2								
020-040	5.3	.4									
050-070	4.3	2.0	.3								
(E) 080-100	1.7	.9									
110-130	.3	.5									
140-160	2.6	1.3	.4	.1							
(S) 170-190	5.3	5.5	1.1	.2							
200-220	4.4	4.5	1.3								
230-250	1.3	1.7	.3	.2							
(W) 260-280	1.2	1.2	1.1								
290-310	2.4	1.4	.8								
320-340	1.5	1.5	.2								
VARIABLE											
CALM	//////////										
TOTALS	35.2	23.5	6.7	.5							

TOTAL NUMBER OF OBSERVATIONS 930

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: OCT HOURS: 03-05

	WIND SPEED IN KNOTS									
	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
									7.7	5.3	4.0
									5.7	3.5	3.0
									6.7	4.1	4.0
									2.6	3.9	4.0
									1.3	4.2	4.0
	.1								4.4	5.0	4.0
	.2								12.6	5.6	5.0
									10.2	5.5	5.0
	.2								3.4	6.5	5.0
									3.4	7.0	6.5
									4.5	5.6	4.0
									3.2	5.1	5.5
	//////////								34.2	//////////	
	.5								100.0	3.4	4.0

TAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: OCT HOUR

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(N) 350-010	4.8	2.3	1.1								
020-040	4.1	1.5	.2								
050-070	5.6	1.9	.1								
(E) 080-100	1.5	.6	.2								
110-130	1.2	.8									
140-160	1.9	1.5	.1	.2							
(S) 170-190	6.5	7.1	1.5	.1							
200-220	3.9	4.0	1.5	.2							
230-250	1.4	1.9	.9	.2	.2	.1					
(W) 260-280	1.4	1.5	1.1	.2							
290-310	1.5	1.6	.6	.1							
320-340	.9	.9	.5								
VARIABLE											
CALM	//////////										
TOTALS	34.7	25.6	7.9	1.0	.2	.1					

TOTAL NUMBER OF OBSERVATIONS 930

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: OCT HOURS: 06-08

	WIND SPEED IN KNOTS										
%	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
									8.2	5.0	4.0
									5.8	4.2	4.0
									7.6	3.7	3.0
									2.4	4.3	4.0
									1.9	4.0	4.0
	.2								3.8	5.4	4.0
	.1								15.2	5.7	5.0
	.2								9.7	6.2	6.0
	.2	.2	.1						4.7	8.0	6.0
	.2								4.2	7.1	6.0
	.1								3.9	6.5	5.5
									2.3	6.2	6.0
//////////									30.4	//////////	
	1.0	.2	.1						100.0	3.8	5.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: OCT HOURS

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	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	3.7	1.3								
020-040	1.7	3.1	.5								
050-070	4.4	4.0	.9								
(E) 080-100	1.9	1.7	.3	.1							
110-130	1.4	1.3	.2								
140-160	1.4	1.9	.9								
(S) 170-190	3.2	4.7	4.1	.8							
200-220	3.1	7.7	4.4	.3							
230-250	2.3	4.2	4.9	.4	.1						
(W) 260-280	1.6	3.2	2.0	.9	.1						
290-310	1.0	2.0	1.5	.6							
320-340	1.1	1.4	1.4	.3							
VARIABLE											
CALM	//										
TOTALS	25.1	38.9	21.7	3.4	.2						

TOTAL NUMBER OF OBSERVATIONS 930

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

STION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 — MONTH: OCT HOURS: 09-11

	WIND SPEED IN KNOTS										
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.3									6.6	6.7	6.0
	.5									5.4	6.0	6.0
	.7									9.2	6.2	5.0
	.3	.1								4.1	5.3	5.0
	.2									2.9	4.9	5.0
	.7									4.6	5.0	6.0
	4.1	.8								12.8	7.8	8.0
	4.[illegible]	.3								15.8	7.5	8.0
	4.[illegible]	.4	.1							11.0	8.6	8.0
	2.[illegible]	.9	.1							7.8	8.8	8.0
	1.[illegible]	.6								5.2	8.8	8.0
	1.[illegible]	.3								4.9	7.1	6.0
	//									9.7	//////////	
	31.7	3.4	.2							100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: OCT HOURS: 12

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	2.5	2.9	.8	.4								6.
020-040	2.4	2.7	.4									5.
050-070	2.7	4.1	.8									7.
(E) 080-100	1.2	2.5	.5									4.
110-130	1.2	1.5	.2									2.
140-160	2.3	2.6	1.0	.3								6.
(S) 170-190	2.5	4.3	3.7	.5	.1							11.
200-220	2.4	4.9	6.1	1.1	.2							14.
230-250	1.2	4.4	6.2	1.1	.4							13.
(W) 260-280	.6	4.5	4.1	1.3	.3							10.
290-310	1.4	2.9	3.5	.1	.1							8.
320-340	1.0	2.2	1.0	.2								4.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: OCT HOURS: 12-14

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9	.4								6.6	6.4	6.0
.4									5.6	5.4	5.0
.8									7.5	6.5	6.0
.6									4.2	6.4	6.0
.2									2.9	6.6	6.0
1.6	.3								6.1	6.7	6.0
3.7	.6	.1							11.1	7.9	8.0
6.1	1.1	.2							14.7	9.3	10.0
6.2	1.1	.4							13.3	10.1	10.0
4.1	1.3	.3							10.9	10.2	10.0
3.6	.1	.1							9.1	8.7	9.0
1.9	.2								4.3	7.3	7.0
//									4.8	//////////	
41.4	5.0	1.1							100.0	7.7	8.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: OCT HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	T
(N) 350-010	1.9	3.1	1.3	.2								
020-040	2.0	2.3	.6									
050-070	3.0	2.2	.1									
(E) 080-100	1.7	1.8	.8									
110-130	1.7	2.5	.4									
140-160	2.0	3.0	1.4									
(S) 170-190	1.9	6.2	2.0	.3								1
200-220	1.6	5.1	4.6	1.0	.2							1
230-250	1.4	5.4	4.8	1.2	.1							1
(W) 260-280	.6	3.7	4.6	1.1	.1							1
290-310	1.6	3.0	3.0	.6	.2							
320-340	1.5	1.8	1.2	.3								
VARIABLE												
CALM	//											
TOTALS	20.9	40.7	34.6	4.7	.6							10

TOTAL NUMBER OF OBSERVATIONS 930

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: OCT HOURS: 15-17

WIND SPEED IN KNOTS								TOTAL %	MEAN WIND	MEDIAN WIND
15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
.2								6.6	6.7	6.0
								4.9	5.7	5.5
								5.9	4.8	4.0
								4.3	5.9	5.5
								4.6	5.7	5.0
								6.5	6.3	6.0
.3								10.5	7.2	7.0
1.0	.2							12.5	9.0	9.0
1.2	.1							12.7	9.2	9.0
1.1	.1							10.1	10.0	10.0
.6	.2							8.5	9.1	9.0
.3								4.8	7.4	8.0
////	////	////	////	////	////	////	////	8.1	////	////
4.7	.6							100.0	7.1	7.0

TAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: OCT HOURS: 1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	2.3	3.8	.8	.1								7
020-040	3.3	1.6	.4									5
050-070	5.4	1.0										6
(E) 080-100	4.0	1.1										5
110-130	4.8	1.9	.2									7
140-160	5.0	3.7	.1	.1								9
(S) 170-190	6.1	3.2	.5									9
200-220	4.9	3.7	.3									9
230-250	2.6	2.3	1.1									6
(W) 260-280	1.9	3.9	1.4	.6	.1							8
290-310	2.0	2.2	1.9	.2								6
320-340	1.2	1.4	.6									3
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: OCT HOURS: 18-20

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2	.1								7.4	6.0	6.0
.4									5.4	4.8	4.0
									6.3	3.5	4.0
									5.1	3.6	3.0
.2									7.0	4.2	4.0
.1	.1								8.9	4.1	4.0
.5									9.9	4.8	4.0
.3									8.0	4.9	4.0
1.1									5.9	6.1	5.0
1.4	.6	.1							3.0	7.7	7.0
1.9	.2								6.3	7.3	7.0
.5									3.2	6.3	6.0
//									17.6	//////////	
7.3	1.0	.1							100.0	4.3	4.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: OCT HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	T
(N) 350-010	2.2	2.2	.1	.1								
020-040	5.6	2.4	.4									
050-070	5.8	2.5	.2									
(E) 080-100	2.3	.9										
110-130	2.0	1.4										
140-160	5.4	2.8		.3								
(S) 170-190	7.0	5.5	.6									1
200-220	3.0	3.0	.3									
230-250	1.7	1.7	.6	.1								
(W) 260-280	1.7	2.6	1.1									
290-310	1.5	2.3	1.1	.3								
320-340	1.2	.9	.6	.1								
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: OCT HOURS: 21-23

	WIND SPEED IN KNOTS											
	14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.1	.1								4.5	5.3	5.0
	.4									8.4	4.2	4.0
	.2									8.5	4.0	4.0
										3.1	3.8	4.0
										3.4	4.4	4.0
		.3								8.5	4.5	4.0
	.9									13.0	4.8	4.0
	.3									6.3	4.9	5.0
	.4	.1								4.2	5.3	5.0
	.1									5.4	6.8	6.0
	.1	.3								5.3	7.1	7.0
	.2	.1								2.8	6.5	5.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	26.6	//////////	//////////
	.9	.9								100.0	3.7	4.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: OCT HOURS:

	WIND SPEED IN KNOTS										
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(DEGREES)											
(N) 350-010	2.9	2.7	.8	.1							
020-040	3.7	1.9	.4								
050-070	4.4	2.6	.3								
(E) 080-100	2.0	1.3	.2	.0							
110-130	1.4	1.3	.1								
140-160	3.1	2.2	.6	.1							
(S) 170-190	4.8	5.3	1.9	.2	.0						
200-220	3.5	4.4	2.4	.3	.1						
230-250	1.6	2.8	2.3	.4	.1	.0					
(W) 260-280	1.3	2.8	2.1	.5	.1						
290-310	1.7	2.4	1.6	.3	.0						
320-340	1.2	1.5	.6	.1							
VARIABLE											
CALM	//										
TOTALS	32.0	31.2	13.4	2.0	.3						

TOTAL NUMBER OF OBSERVATIONS 7440

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: OCT HOURS: ALL

	WIND SPEED IN KNOTS										
	1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.3	.1								6.6	5.7	5.0
	.4									6.0	4.6	4.0
	.3									7.4	4.5	4.0
	.2	.0								3.5	4.7	4.0
	.1									3.3	4.7	4.0
	.4	.1								6.0	5.3	4.0
	.3	.2	.0							12.3	6.1	6.0
	.4	.3	.1							10.8	7.0	6.0
	.3	.4	.1	.0						7.2	8.4	8.0
	.1	.5	.1							6.8	8.6	8.0
	.	.3	.0							6.0	7.6	7.0
	.4	.1								3.6	6.7	6.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	20.5	//////////	//////////
	2.4	2.0	.3							100.0	5.0	6.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "AW" PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERS
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: OCT HOURS:

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 CE

	WIND SPEED IN KNOTS									
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(DEGREES)											
(N) 350-010	2.3	4.6	2.2	.3							
020-040	4.9	5.9	.9								
050-070	5.2	5.3	.6								
(E) 080-100	2.4	2.3	.2								
110-130	1.2	4.0	.3								
140-160	1.9	2.7	.5	.1							
(S) 170-190	4.0	5.3	1.0								
200-220	2.3	1.7	.9								
230-250	1.7	3.7	1.2			.1					
(W) 260-280	1.0	1.4	.4		.1						
290-310	.3	1.5	1.0								
320-340	.4	1.5	1.2								
VARIABLE											
CALM	//										
TOTALS	30.4	52.4	16.9	.4	.1	.1					1

TOTAL NUMBER OF OBSERVATIONS 730

WIND

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

79 -
LL

STN NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 - FEB 88
TIME: UTC: + 5 MONTH: OCT HOURS: ALL

ING 5 LESS THAN 1500 FEET WITH VISIBILITY GE 1/2 MILE (0800 METERS).
AND/OR
MILE (0800 METERS) BUT LESS THAN 3 MILES (4800 METERS) WITH CEILING GE 200 FEET.

TAL

%	WIND SPEED IN KNOTS -14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.9												
.4	.2	.3								9.9	6.9	6.0
.7	.7									11.4	5.4	5.0
.5	.7									12.7	4.7	4.0
.4	.3									5.5	5.5	5.0
.3	.3									5.4	6.2	7.0
.3	.3	.1								5.3	5.7	6.0
.4	1.0									10.3	5.9	6.0
.3	.3									5.4	5.3	4.0
.9	.3			.1						5.3	7.2	7.0
.2	.2		.1							2.9	7.0	7.0
.1	.1									2.8	8.9	9.0
.....	.3									3.3	7.2	7.5
.3	////											
.3	//									19.3	//////////	
.....	.3	.4	.1	.1						100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 730

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - F
LST TO UTC: + 5 MONTH: NOV HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	3.2	3.3	1.2	.2								8.0
020-040	2.9	1.6										4.4
050-070	1.9	1.6										3.4
(E) 080-100	1.0	2.1	.6									3.7
110-130	1.2	.8										2.0
140-160	3.1	1.2	.6	.4								5.3
(S) 170-190	5.1	3.3	1.3	.1								9.9
200-220	4.2	3.9	1.2	.3	.2							9.9
230-250	1.8	3.1	1.2	.7								6.8
(W) 260-280	.7	2.2	2.3	.9	.1							6.2
290-310	1.7	3.6	2.1	.1								7.4
320-340	.9	2.0	1.3	.1								4.3
VARIABLE												
CALM	//											28.6
TOTALS	27.7	28.7	11.8	2.8	.3							100.0

TOTAL NUMBER OF OBSERVATIONS 900

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV HOURS: 00-02

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.2	.2								8.0	6.1	5.5
									4.4	4.2	4.0
									3.4	4.5	4.0
.6									3.7	6.8	7.0
									2.0	4.5	4.0
.6	.4								5.3	5.8	4.0
1.3	.1								9.9	5.4	4.0
1.2	.3	.2							9.9	6.2	5.0
1.2	.7								6.8	7.8	7.0
2.3	.9	.1							6.2	9.9	10.0
2.1	.1								7.4	7.5	8.0
1.3	.1								4.3	8.2	8.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	28.6	//////////	//////////
11.8	2.8	.3							100.0	4.7	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: NOV HOURS: 03-05

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.7	3.4	1.0	.2								7.3
020-040	1.1	2.2	.6									3.9
050-070	2.3	2.3	.1									4.6
(E) 080-100	2.0	1.1	.3									3.4
110-130	1.6	.7										2.2
140-160	1.7	2.8	.6	.3								5.3
(S) 170-190	4.3	4.4	1.6	.1								10.4
200-220	3.9	3.9	2.7	.6	.1							11.1
230-250	1.9	1.7	.7	.2								4.4
(W) 260-280	1.4	3.1	1.6	.8								6.9
290-310	.7	2.4	1.9	.8								5.8
320-340	2.0	2.3	1.2	.1	.1							5.8
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV HOURS: 03-05

WIND SPEED IN KNOTS											
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.0	.2								7.3	6.2	5.0
.6									3.9	5.9	6.0
.1									4.5	4.6	5.0
.3									3.4	5.2	4.0
									2.2	4.1	4.0
.6	.3								5.3	6.6	6.0
1.6	.1								10.4	5.9	5.0
2.7	.6	.1							11.1	7.2	7.0
.7	.2								4.4	6.8	6.5
1.5	.8								6.9	8.5	7.5
1.9	.8								5.8	9.4	9.0
1.2	.1	.1							5.8	7.0	6.0
//									28.6	//////////	
12.3	3.1	.2							100.0	4.8	6.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 74 -
LST TO UTC: + 5 MONTH: NOV HOURS: 06-08

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	3.1	3.3	1.4	.3								8.2
020-040	2.1	2.3	.6									5.0
050-070	2.8	2.7	.1									5.6
(E) 080-100	1.8	.4	.4									2.7
110-130	1.2	.4	.1	.1								1.9
140-160	3.2	2.2	1.1	.3								6.9
(S) 170-190	6.4	5.6	1.9	.2								14.1
200-220	3.0	4.1	2.6	.1	.6							10.3
230-250	1.2	1.9	.8	.2								4.1
(W) 260-280	1.4	3.0	1.3	.2								6.0
290-310	1.4	3.1	1.2	.7								6.4
320-340	1.9	1.9	1.3									5.0
VARIABLE												
CALM	//////////////

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

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
G UTC: + 5 MONTH: NOV HOURS: 06-08

	WIND SPEED IN KNOTS										
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.4	.3								8.2	6.4	6.0
.5									5.0	5.4	5.0
.1									5.6	4.5	4.5
.4									2.7	5.1	4.0
.1	.1								1.9	4.8	3.0
.1	.3								6.9	6.0	5.0
1.9	.2								14.1	5.9	5.0
.3	.1	.6							10.3	7.9	7.0
.5	.2								4.1	7.3	7.0
1.3	.2								6.0	7.4	7.0
.9	.7								6.4	8.0	8.0
.3									5.0	6.6	6.0
////	////	////	////	////	////	////	////	////	23.8	////////////	
2.1	2.1	.6							100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: NOV HOURS: 09-

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	1.4	2.6	2.4	.1								6.6
020-040	1.3	2.9	1.2									5.4
050-070	3.7	3.6	.6									7.9
(E) 080-100	1.6	.9	.7									3.1
110-130	1.2	.9	.3									2.4
140-160	2.2	1.8	1.2	.1	.2							5.5
(S) 170-190	3.6	6.6	4.6	.7								15.3
200-220	3.0	8.8	3.6	.6								15.9
230-250	1.8	3.1	2.7	.6	.2	.1						8.4
(W) 260-280	1.0	2.3	2.4	.9								6.7
290-310	1.3	2.9	1.8	.6								6.5
320-340	1.2	2.1	1.9	.3								5.6
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: NOV HOURS: 09-11

WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	MEDIAN WIND
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
2.4	.1								6.6	7.9	8.0
1.2									5.4	6.4	6.0
.6									7.8	5.3	5.0
.7									3.1	5.8	4.5
.3									2.4	5.6	4.5
1.2	.1	.2							5.6	7.0	6.0
4.6	.7								15.3	7.7	8.0
3.6	.6								15.9	7.7	8.0
2.7	.6	.2	.1						8.4	9.0	8.0
2.4	.9								6.7	9.6	9.5
1.8	.6								6.6	8.4	8.0
1.9	.3								5.6	8.3	8.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	10.7	//////////	//////////
23.4	3.9	.4	.1						100.0	6.8	7.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: NOV HOURS: 12

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	.6	3.3	1.7	.2								5.
020-040	1.8	2.2	.7									4.
050-070	2.3	2.2	.9									5.
(E) 080-100	.3	1.6	.6									2.
110-130	.3	.9	.7									2.
140-160	1.6	2.3	1.3	.1								5.
(S) 170-190	3.0	6.0	4.7	.6								14.
200-220	3.9	7.0	5.2	1.8	.2							18.
230-250	1.6	3.9	5.3	1.9	.4							13.
(W) 260-280	1.6	2.7	2.4	1.7		.1						8.
290-310	2.1	3.0	3.0	.8	.1							9.
320-340	1.2	2.7	2.6	.2								6.
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: NOV HOURS: 12-14

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.7	.2								5.8	8.6	8.0
.7									4.7	6.4	6.0
.9									5.4	5.8	6.0
.6									2.4	7.5	8.0
.7									2.3	6.5	7.0
1.3	.1								5.3	7.4	7.0
4.7	.6								14.2	8.0	8.0
5.2	1.8	.2							13.1	8.7	8.0
5.3	1.9	.4							13.1	10.4	10.5
2.4	1.7		.1						8.4	9.7	9.5
3.0	.8	.1							9.0	8.4	8.0
2.6	.2								6.7	8.2	8.0
//////////	//////	//////	//////	//////	//////	//////	//////	//////	4.4	//////////	
29.1	7.3	.7	.1						100.0	8.0	8.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: NOV HOURS: 15-1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.6	2.9	1.9	.2								6.6
020-040	1.6	2.2	.3									4.1
050-070	1.0	3.0	.4	.1								5.5
(E) 080-100	.6	1.8	.3									2.7
110-130	.1	1.3	.2									1.7
140-160	1.4	2.3	1.3	.1								5.7
(S) 170-190	3.3	5.9	2.4	.7								12.3
200-220	3.2	5.6	4.0	1.4	.1							14.3
230-250	3.0	6.0	4.3	1.0								14.3
(W) 260-280	1.4	3.6	4.1	1.3	.2							10.7
290-310	1.9	2.9	2.3	.3								7.4
320-340	2.0	3.6	1.3	.1								7.0
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: NOV HOURS: 15-17

	WIND SPEED IN KNOTS											
	11-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.3	.2								6.6	7.4	8.0
	.3									4.1	5.4	5.0
	.4	.1								5.6	6.1	6.0
	.3									2.7	6.5	6.0
	.2									1.7	6.5	6.0
	1.1	.1								5.7	6.9	6.0
	2.4	.7								12.3	7.1	6.0
	4.9	1.4	.1							14.3	8.4	8.0
	4.3	1.0								14.3	8.5	8.0
	4.1	1.3	.2							10.7	9.6	10.0
	2.3	.3								7.4	8.0	8.0
	1.3	.1								7.0	6.9	7.0
	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	7.7	//////////	//////////
	23.8	5.2	.3							100.0	7.1	7.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 — MONTH: NOV — HOURS: 18-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.4	4.2	1.6	.2								8.4
020-040	2.6	1.8	.1									4.4
050-070	3.2	1.4	.6									5.2
(E) 080-100	1.7	.9	.7									3.2
110-130	1.9	.8	.3									3.0
140-160	3.4	3.9	.4	.1								7.9
(S) 170-190	5.1	3.7	.3	.4								9.6
200-220	4.0	4.7	2.0	.7								11.3
230-250	1.7	2.9	2.3	.3	.1							7.3
(W) 260-280	2.2	3.8	1.7	.7								8.3
290-310	1.9	3.2	2.4	.2								7.8
320-340	2.2	1.6	1.1	.2								5.1
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV HOURS: 18-20

WIND SPEED IN KNOTS											
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.6	.2								8.4	6.8	6.0
.1									4.4	4.5	4.0
.6									5.2	4.8	4.0
.7									3.2	5.7	4.0
.3									3.0	4.7	4.0
.4	.1								7.9	5.3	5.0
.3	.4								9.6	5.4	4.0
2.0	.7								11.3	6.7	6.0
2.3	.3	.1							7.3	8.2	8.0
1.7	.7								8.3	7.3	6.0
2.4	.2								7.8	7.6	8.0
1.1	.2								5.1	6.2	5.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.3	//////////	//////////
13.5	2.8	.1							100.0	5.2	6.0

TOTAL NUMBER OF OBSERVATIONS 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: NOV HOURS: 21-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	2.3	2.8	1.8									6.9
020-040	2.0	1.3	.2									3.6
050-070	3.1	2.4	.9									6.4
(E) 080-100	1.4	1.9	.4	.1								3.9
110-130	1.9	.8	.3									3.0
140-160	2.9	1.7	.6	.3								5.4
(S) 170-190	6.3	3.9	1.2	.3								11.8
200-220	3.3	5.1	1.8	.2	.1							10.6
230-250	2.0	2.1	1.7	.6								6.3
(W) 260-280	1.1	2.3	1.9	.7	.2							6.2
290-310	2.4	2.1	2.9	.1								7.5
320-340	1.1	1.3	1.0	.4								3.9
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: NOV HOURS: 21-23

WIND SPEED IN KNOTS											
	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.8									6.9	6.6	6.0
	.2									3.6	4.6	4.0
	.9									6.4	5.1	5.0
	.4	.1								3.9	6.1	5.0
	.3									3.0	4.5	3.0
	.6	.3								5.4	5.7	4.0
	1.2	.3								11.8	5.1	4.0
	1.8	.2	.1							10.6	6.7	6.0
	1.7	.6								6.3	7.6	7.0
	1.9	.7	.2							6.2	9.3	8.0
	2.9	.1								7.6	7.7	8.0
	1.0	.4								3.9	8.1	7.0
//////										24.4	//////	
	14.7	2.7	.3							100.0	4.9	6.0

TOTAL NUMBER OF OBSERVATIONS 900

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 75 -
LST TO UTC: + 5 — MONTH: NOV — HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	2.2	3.2	1.6	.2								7.2
020-040	1.9	2.1	.5									4.4
050-070	2.7	2.4	.4	.0								5.5
(E) 080-100	1.3	1.3	.5	.0								3.1
110-130	1.2	.8	.3	.0								2.3
140-160	2.4	2.3	.9	.2	.0							5.9
(S) 170-190	4.7	4.9	2.3	.4								12.2
200-220	3.6	5.4	2.9	.7	.2							12.7
230-250	1.9	3.0	2.5	.7	.1	.0						8.1
(W) 260-280	1.4	2.9	2.2	.9	.1	.0						7.4
290-310	1.7	2.9	2.2	.4	.0							7.2
320-340	1.6	2.2	1.5	.2	.0							5.4
VARIABLE												
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.3
TOTALS	26.6	33.4	17.8	3.7	.4							100.0

TOTAL NUMBER OF OBSERVATIONS 7200

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: NOV HOURS: ALL

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.6	.2								7.2	6.9	6.0
.5									4.4	5.4	5.0
.4	.0								5.5	5.1	5.0
.5	.0								3.1	6.1	5.0
.3	.0								2.3	5.1	4.0
.9	.2	.0							5.9	6.3	5.0
2.3	.4								12.2	6.4	6.0
2.9	.7	.2							12.7	7.6	7.0
2.5	.7	.1	.0						8.1	8.6	8.0
2.2	.9	.1	.0						7.4	8.9	8.0
2.2	.4	.0							7.2	8.1	8.0
1.5	.2	.0							5.4	7.4	7.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	18.3	//////////	//////////
17.8	3.7	.4							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 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 CEILIN

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTA %
(N) 350-010	3.4	6.3	4.3	.5								14.4
020-040	1.8	6.3	.5									8.7
050-070	2.4	3.9	.8									7.1
(E) 080-100	2.4	3.0	.2									5.5
110-130	1.3	.9										2.2
140-160	2.1	1.4	.3									3.8
(S) 170-190	2.7	3.7	1.8	.5								8.8
200-220	1.7	5.3	2.3	.1	.1							10.0
230-250	1.7	3.4	1.5	.2								6.8
(W) 260-280	.9	1.9	1.8	.4	.1							5.1
290-310	1.3	1.7	1.8	.7								5.5
320-340	2.4	3.1	1.4	.6	.1							7.7
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
GMT TO UTC: + 5 MONTH: NOV HOURS: ALL

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

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
4.3	.5								14.4	7.6	7.0
.5									8.7	6.0	6.0
.8									7.1	6.0	6.0
.2									5.5	5.5	5.0
									2.2	4.2	4.0
.3									3.8	4.9	4.0
1.8	.5								8.8	7.3	7.0
2.3	.1	.1							10.0	7.5	7.0
1.5	.2								6.8	7.5	7.0
1.8	.4	.1							5.1	8.9	9.0
1.8	.7								5.5	8.8	8.0
1.4	.6	.1							7.7	7.7	7.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	14.5	//////////	//////////
16.7	3.0	.3							100.0	6.1	6.0

TOTAL NUMBER OF OBSERVATIONS 1104

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - F
LST TO UTC: + 5 — MONTH: DEC — HOURS: 00-02

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	M W
(N) 350-010	.6	2.2	1.3	.1								4.2	
020-040	1.3	.6										2.5	
050-070	2.6	1.8	.8									5.2	
(E) 080-100	1.3	1.3	.8									3.9	
110-130	1.9	.5	.1									2.7	
140-160	2.6	2.0	1.1									5.7	
(S) 170-190	5.4	4.8	2.4	.1								12.7	
200-220	3.9	4.7	2.8	.3								12.0	
230-250	1.6	3.4	1.2	.4	.3							7.0	
(W) 260-280	1.3	3.5	4.3	1.3								10.4	
290-310	1.9	2.6	2.2	1.5								8.2	
320-340	.5	1.6	2.0	.3								4.5	
VARIABLE													
CALM	////	////	////	////	////	////	////	////	////	////	////	21.1	//
TOTALS	25.8	29.1	19.0	4.5	.3							100.0	

TOTAL NUMBER OF OBSERVATIONS 930

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: DEC HOURS: 00-02

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.3	.1								4.2	7.9	8.0
									2.5	4.0	3.0
.3									5.2	5.6	4.5
.8									3.9	5.6	5.0
.1									2.7	4.1	4.0
1.1									5.7	5.5	5.0
2.4	.1								12.7	6.1	6.0
2.8	.3								12.0	7.3	6.0
1.2	.4	.3							7.0	8.0	7.0
4.3	1.3								10.4	9.9	10.0
2.2	1.5								8.2	8.9	8.0
2.0	.3								4.5	8.9	10.0
////////////	////////////	////////////	////////////	////////////	////////////	////////////	////////////	////////////	21.1	////////////	////////////
19.0	4.5	.3							100.0	5.7	7.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: DEC HOURS: 0.

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TO
(N) 350-010	1.5	1.9	1.5	.2								5.
020-040	1.2	.8	.1									2.
050-070	2.0	1.2	.9									4.
(E) 080-100	2.2	2.6	.6									5.
110-130	2.0	.6	.5									3.
140-160	3.1	.8	.2									4.
(S) 170-190	5.7	5.6	1.6									12.
200-220	4.0	4.4	4.0	.8								13.
230-250	1.2	2.0	1.3	.2	.3							5.
(W) 260-280	.5	5.2	3.4	1.7	.3							11.
290-310	1.7	3.2	3.9	1.0								9.
320-340	1.2	.9	1.4	.2	.1							3.
VARIABLE												
CALM	////////////

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

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: DEC HOURS: 03-05

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.5	.2								5.2	7.6	8.0
.1									2.0	4.8	4.0
.3									4.0	5.4	4.0
.6									5.4	5.4	5.0
.5									3.2	4.8	4.0
.9									4.6	5.0	3.0
1.5									12.9	5.6	5.0
4.0	.8								13.1	7.7	7.5
1.3	.2	.3							5.1	8.3	7.0
3.4	1.7	.3							11.2	9.9	9.0
3.9	1.0								9.8	9.2	9.0
1.4	.2	.1							3.8	8.4	8.0
//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	19.8	//////////	//////////
19.9	4.1	.7							100.0	5.9	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE SURFACE WIND DIRECTION VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: DEC HOURS: 06

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT %
(N) 350-010	1.5	2.5	1.5									5.
020-040	2.7	1.0										3.
050-070	2.3	1.5	.6									4.
(E) 080-100	1.3	.8	.6									2.
110-130	1.7	.9										2.
140-160	4.3	2.5	.3		.1							7.
(S) 170-190	5.9	4.9	2.5	.3								15.
200-220	3.1	5.5	3.4	.5								12.
230-250	.9	3.5	2.5	.5	.2							7.
(W) 260-280	1.0	4.1	2.9	1.4	.3							9.
290-310	1.3	3.2	2.2	.5								7.
320-340	.9	1.2	1.2									3.
VARIABLE												
CALM	//////////////

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

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TD UTC: + 5 MONTH: DEC HOURS: 06-08

	WIND SPEED IN KNOTS										
	1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	1.5									5.5	7.1	7.0
										3.7	3.8	3.0
	.4									4.4	5.2	4.0
	.5									2.7	5.8	6.0
										2.5	4.0	4.0
	.1		.1							7.5	5.2	4.0
	2.5	.3								15.5	6.2	6.0
	3.4	.5								12.5	7.7	7.0
	2.5	.5	.2							7.5	9.1	8.0
	2.9	1.4	.3							9.7	9.4	8.0
	2.2	.5								7.2	8.4	8.0
	1.2									3.2	7.6	7.0
	////	////	////	////	////	////	////	////	////	17.6	////////////	
	17.2	3.2	.5							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: DEC HOURS: 09-11

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.3	3.2	1.6	.1								6.2
020-040	1.9	1.2	.1									3.1
050-070	3.3	1.6	.1									5.1
(E) 080-100	.9	1.3	.6	.1								2.9
110-130	1.3	1.5	.1									2.9
140-160	2.0	2.3	.5	.1								4.9
(S) 170-190	3.3	8.7	3.8	.4	.2							16.5
200-220	2.4	6.3	4.8	1.1	.2		.1	.1				15.1
230-250	1.4	3.7	3.9	1.2	.2							10.3
(W) 260-280	1.0	3.5	5.2	1.1	.4							11.2
290-310	1.0	3.7	2.2	.8								7.5
320-340	.4	1.4	1.1									2.9
VARIABLE												
CALM	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	//////////	11.4
TOTALS	20.1	38.4	24.0	4.9	1.0		.1	.1				100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
CST TO UTC: + 5 MONTH: DEC HOURS: 09-11

	WIND SPEED IN KNOTS											
-3	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
.2	1.6	.1								6.2	7.6	8.0
.2	.1									3.1	4.6	4.0
.5	.1									5.1	4.2	4.0
.3	.6	.1								2.9	6.8	6.0
.5	.1									2.9	5.4	5.0
.3	.5	.1								4.9	5.9	5.5
.7	3.8	.4	.2							16.5	7.7	8.0
.3	4.8	1.1	.2		.1	.1				15.1	9.2	8.0
.7	3.9	1.2	.2							10.3	9.9	10.0
.5	5.2	1.1	.4							11.2	10.3	10.0
.7	2.2	.8								7.5	8.7	8.0
.4	1.1									2.9	8.6	9.0
////	////	////	////	////	////	////	////	////	////	11.4	////	////
.4	24.0	4.9	1.0		.1	.1				100.0	7.2	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78\
LST TO UTC: + 5 MONTH: DEC HOURS: 12-1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.4	2.0	1.7	.3	.1							5.6
020-040	1.7	1.5	.2									3.4
050-070	2.2	1.1	.4									3.7
(E) 080-100	.3	1.7	.2									2.3
110-130	1.1	1.3	.1	.1								2.6
140-160	2.3	1.9	1.1	.1	.1							5.5
(S) 170-190	2.8	6.1	4.4	1.0	.1							14.4
200-220	2.9	8.0	5.4	1.8	.6				.1			18.8
230-250	1.9	4.3	5.9	1.5	.1		.2					14.0
(W) 260-280	1.1	3.1	7.0	1.4	.8	.1						13.4
290-310	1.0	2.8	1.9	1.0	.1							6.8
320-340	.5	2.3	1.6	.3								4.7
VARIABLE												
CALM	//////////////

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: DEC HOURS: 12-14

	WIND SPEED IN KNOTS									
	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
7	.3	.1							5.6	8.4	8.0
2									3.4	4.6	4.5
4									3.7	4.8	4.0
3									2.3	6.6	6.0
1	.1								2.6	5.4	5.0
1	.1	.1							5.5	6.3	5.0
14	1.0	.1							14.4	8.2	8.0
18	1.8	.6				.1			18.8	9.4	9.0
14	1.5	.1		.2					14.0	10.0	10.0
13	1.4	.8	.1						13.4	11.3	12.0
6	1.0	.1							6.8	9.4	9.0
	.3								4.7	9.2	8.5
///	///	///	///	///	///	///	///	///	4.8	///	///
100	7.5	1.9	.1	.2		.1			100.0	8.4	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 — MONTH: DEC — HOURS: 15-1

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	.6	1.2	1.7	.4								4.0
020-040	2.2	1.9	.1									4.2
050-070	1.7	1.5	.3									3.5
(E) 080-100	1.3	.9										2.2
110-130	1.3	.4	.1	.1								1.9
140-160	2.8	2.4	1.0									6.1
(S) 170-190	4.0	7.5	3.5	.2								15.3
200-220	2.8	5.1	3.0	1.3	.3							13.5
230-250	2.6	4.9	5.3	.9	.1	.2	.2					14.2
(W) 260-280	1.2	4.7	4.8	1.2	.9	.1						12.9
290-310	1.1	3.7	2.3	.8	.2							8.0
320-340	.8	2.5	2.4	.4								6.0
VARIABLE												
CALM	////	////	////	////	////	////	////	////	////	////	////	8.2
TOTALS	22.4	37.7	24.5	5.3	1.5	.3	.2					100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
D UTC: + 5 MONTH: DEC HOURS: 15-17

WIND SPEED IN KNOTS									TOTAL %	MEAN WIND	MEDIAN WIND
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65			
1.7	.4								4.0	9.4	10.0
.1									4.2	4.7	4.0
.3									3.5	5.1	5.0
									2.2	4.0	4.0
.1	.1								1.9	4.8	3.5
.0									6.1	5.8	5.0
3.5	.2								15.3	7.1	7.0
3.0	1.3	.3							13.5	8.5	8.0
4.3	.9	.1	.2	.2					14.2	9.3	9.0
4.8	1.2	.9	.1						12.9	10.5	10.0
2.3	.8	.2							8.0	9.0	8.0
.4	.4								6.0	8.8	8.0
////	////	////	////	////	////	////	////	////	8.2	////	////
4.5	5.3	1.5	.3	.2					100.0	7.5	8.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: DEC HOURS: 13-2

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %
(N) 350-010	1.0	1.9	1.1	.2								4.2
020-040	2.3	1.3	.1									3.7
050-070	1.9	1.1	.3									3.3
(E) 080-100	2.3	.6	.1									3.0
110-130	2.0	.3	.3	.1								2.8
140-160	4.0	2.3	.9									7.1
(S) 170-190	4.9	5.1	1.4	.6	.1							12.2
200-220	4.3	4.4	2.2	.4	.1	.1						11.5
230-250	2.5	4.3	1.7	.3	.3	.2						9.4
(W) 260-280	2.5	4.6	3.8	.9	.1							11.8
290-310	2.5	4.0	2.2	.5	.3							9.6
320-340	1.0	2.6	.9	.4	.2							5.1
VARIABLE												
CALM	////	////	////	////	////	////	////	////	////	////	////	16.5
TOTALS	31.3	32.5	15.0	3.4	1.1	.3						100.0

TOTAL NUMBER OF OBSERVATIONS 930

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

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: DEC HOURS: 19-20

	WIND SPEED IN KNOTS										
4	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1	.2								4.2	7.2	7.0
1									3.7	4.6	4.0
3									3.3	4.7	4.0
1									3.0	4.2	4.0
3	.1								2.8	4.9	4.0
1									7.1	4.9	4.0
4	.6	.1							12.2	6.3	5.0
2	.4	.1	.1						11.5	7.0	6.0
7	.3	.3	.2						9.4	8.1	7.0
3	.9	.1							11.8	8.5	8.0
2	.5	.3							9.6	8.0	7.0
1	.4	.2							5.1	8.5	8.0
////	////	////	////	////	////	////	////	////	16.5	////////////	
1	3.4	1.1	.3						100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: DEC HOURS:

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65
(N) 350-010	1.1	2.6	1.4	.1	.1						
020-040	1.3	.8	.1								
050-070	2.7	1.7	.8								
(E) 080-100	1.6	1.9	.1								
110-130	1.6	.2	.1								
140-160	3.7	2.5	1.0	.3							
(S) 170-190	4.8	4.3	1.2	.1	.1						
200-220	4.2	4.1	3.0	.4	.2						
230-250	2.5	3.0	1.4	.4	.2						
(W) 260-280	2.7	3.5	4.1	1.4	.4						
290-310	1.3	2.7	2.9	.4	.2						
320-340	1.2	1.4	1.2	1.0							
VARIABLE											
CALM	//										
TOTALS	29.7	28.7	17.3	4.1	1.2						1

TOTAL NUMBER OF OBSERVATIONS 930

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

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
D UTC: + 5 MONTH: DEC HOURS: 21-23

WIND SPEED IN KNOTS											
-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.4	.1	.1							5.3	7.4	7.0
.1									2.7	3.8	4.0
.3									5.2	5.3	4.0
.1									3.7	5.1	5.0
.1									1.9	3.8	3.0
1.0	.3								7.4	5.6	5.0
1.2	.1	.1							10.5	5.9	5.0
3.0	.4	.2							11.9	7.2	6.0
1.4	.4	.2							7.5	7.4	6.0
4.1	1.4	.4							12.2	9.3	9.0
1.9	.4	.2							8.1	8.6	8.0
3.2	1.0								4.7	9.1	8.0
////	////	////	////	////	////	////	////	////	18.9	////	////
7.4	4.1	1.2							100.0	5.7	6.0

TOTAL NUMBER OF OBSERVATIONS 930

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR
LST TO UTC: + 5 — MONTH: DEC — HOURS: AL

DIRECTION (DEGREES)	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOT
(N) 350-010	1.1	2.2	1.5	.2	.0							5.
020-040	1.9	1.1	.1									3.
050-070	2.3	1.4	.5									4.
(E) 080-100	1.5	1.4	.4	.0								3.
110-130	1.6	.7	.2	.0								2.
140-160	3.1	2.1	.9	.1	.0							6.
(S) 170-190	4.6	6.1	2.6	.3	.1							13.
200-220	3.4	5.4	3.6	.9	.2	.0	.0	.0	.0			13.
230-250	1.8	3.7	2.9	.7	.2	.1	.1					9.
(W) 260-280	1.4	4.0	4.4	1.3	.4	.0						11.
290-310	1.5	3.2	2.4	.8	.1							8.
320-340	.8	1.7	1.5	.3	.0							4.
VARIABLE												
CALM	////////////

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

ION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 — MONTH: DEC HOURS: ALL

WIND SPEED IN KNOTS											
0-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
1.5	.2	.0							5.0	7.8	8.0
.1									3.2	4.4	4.0
.5									4.3	5.1	4.0
.4	.0								3.2	5.5	5.0
.2	.0								2.6	4.7	4.0
.9	.1	.0							6.1	5.5	4.0
2.6	.3	.1							13.7	6.7	6.0
3.6	.9	.2	.0	.0	.0	.0			13.6	8.1	7.0
2.9	.7	.2	.1	.1					9.4	9.0	8.0
4.4	1.3	.4	.0						11.6	9.9	10.0
2.4	.8	.1							8.1	8.8	8.0
1.5	.3	.0							4.4	8.7	8.0
////	////	////	////	////	////	////	////	////	14.8	////	////
21.0	4.6	1.0	.1	.1					100.0	6.5	7.0

TOTAL NUMBER OF OBSERVATIONS 7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 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 CEILIN

	WIND SPEED IN KNOTS										
DIRECTION	1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	1.4	6.7	2.3	.3								10.6
020-040	1.3	2.9	.2									4.3
050-070	1.9	2.2	.5									4.5
(E) 080-100	1.6	2.0	.7									4.3
110-130	2.4	.8	.3									3.5
140-160	3.1	3.0	1.5	.1								7.7
(S) 170-190	4.4	4.3	2.4	.4								12.0
200-220	3.3	4.1	1.1	.1								8.6
230-250	1.7	2.3	1.9	.6	.1	.2						6.2
(W) 260-280	1.2	4.3	3.0	1.0	.2	.2						9.8
290-310	1.3	3.5	3.0	.2								8.4
320-340	1.1	2.6	2.6	1.1								7.3
VARIABLE												
CALM	//////////											11.5
TOTALS	25.2	39.2	19.8	3.8	.3	.4						100.0

TOTAL NUMBER OF OBSERVATIONS 1326

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

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
(LT) UTC: + 5 MONTH: DEC HOURS: ALL

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

	WIND SPEED IN KNOTS										
	1-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
7.	.3	.3								10.6	7.7	8.0
5.	.2									4.9	5.2	5.0
5.	.6									4.8	6.1	6.0
5.	.7									4.3	5.9	5.0
4.	.3									3.5	4.3	4.0
5.	1.2	.1								7.7	6.2	6.0
6.	1.4	.4								12.0	6.6	6.0
5.	1.1	.1								8.6	5.9	6.0
.	1.2	.6	.1	.2						6.2	9.1	8.0
9.	3.2	1.0	.2	.2						9.8	9.4	8.0
8.	1.2	.2								8.4	8.1	8.0
9.	1.2	1.1								7.3	9.2	9.0
///	///	///	///	///	///	///	///	///	///	11.3	///	///
5.	14.1	3.8	.3	.4						100.0	6.4	7.0

TOTAL NUMBER OF OBSERVATIONS 1326

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	2.2	3.0	1.5	.2	.0	.0	.0					7.0
020-040	2.9	2.2	.7	.1	.0							5.9
050-070	3.2	2.4	.7	.1	.0							6.4
(E) 080-100	1.9	1.3	.4	.0								3.7
110-130	1.7	.9	.2	.0								2.8
140-160	2.8	1.9	.5	.1	.0	.0						5.2
(S) 170-190	5.0	4.5	1.5	.2	.0	.0						11.1
200-220	3.5	4.7	2.5	.5	.1	.0	.0	.0	.0			11.3
230-250	1.8	3.2	2.2	.6	.1	.0	.0					7.9
(W) 260-280	1.5	3.0	2.3	.7	.2	.0	.0					7.7
290-310	1.5	2.7	1.9	.5	.1	.0						6.7
320-340	1.2	2.1	1.5	.3	.0							5.1
VARIABLE												
CALM	//											19.1
TOTALS	29.3	31.8	15.9	3.3	.5							100.0

TOTAL NUMBER OF OBSERVATIONS: 87665

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

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: ALL HOURS: ALL

	WIND SPEED IN KNOTS									
4	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
	.2	.0	.0	.0					7.0	6.9	6.0
	.1	.0							5.9	5.4	4.0
	.1	.0							6.4	5.3	4.0
	.0								3.7	5.2	4.0
	.0								2.8	4.5	4.0
	.1	.0	.0						5.2	5.2	4.0
	.2	.0	.0						11.1	5.8	5.0
	.5	.1	.0	.0	.0	.0			11.3	7.3	6.0
	.6	.1	.0	.0					7.9	8.5	8.0
	.7	.2	.0	.0					7.7	8.9	8.0
	.5	.1	.0						6.7	8.3	8.0
	.3	.0							5.1	7.8	8.0
	//////////								19.1	//////////	
	3.3	.5							100.0	5.5	6.0

TOTAL NUMBER OF OBSERVATIONS: 87665

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 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

DIRECTION	WIND SPEED IN KNOTS 1-4	5-9	10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL
(DEGREES)												%
(N) 350-010	2.2	4.5	3.4	.6	.1	.0	.0					10.8
020-040	2.0	3.2	1.0	.2	.0							6.4
050-070	2.7	3.0	.9	.2	.0							6.8
(E) 080-100	2.1	1.8	.6	.0								4.5
110-130	1.8	1.1	.2									3.1
140-160	2.2	1.5	.5	.0	.0							4.2
(S) 170-190	4.4	4.2	1.5	.2	.0							10.3
200-220	3.5	4.4	1.7	.2	.0							9.7
230-250	1.7	3.0	1.6	.5	.1	.0						7.0
(W) 260-280	1.4	2.9	2.1	.6	.2	.0						7.2
290-310	1.3	2.6	1.7	.4	.1	.0						6.2
320-340	1.2	2.6	1.9	.4	.1							6.3
VARIABLE												
CALM	//////////////

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

ATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 — MONTH: ALL HOURS: ALL

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

WIND SPEED IN KNOTS											
10-14	15-19	20-24	25-29	30-34	35-39	40-49	50-64	GE 65	TOTAL %	MEAN WIND	MEDIAN WIND
3.4	.6	.1	.0	.0					10.8	8.3	8.0
1.9	.2	.0							6.4	6.5	6.0
.9	.2	.0							6.6	6.0	6.0
.6	.0								4.5	5.6	5.0
.2									3.1	4.8	4.0
.5	.0	.0							4.2	5.2	4.0
1.5	.2	.0							10.3	5.9	5.0
1.7	.2	.0							9.7	6.4	6.0
1.5	.5	.1	.0						7.0	8.1	7.0
2.1	.6	.2	.0						7.2	8.9	8.0
1.7	.4	.1	.0						6.2	8.5	8.0
1.9	.4	.1							6.3	8.6	8.0
//////////									17.6	//////////	
17.0	3.3	.6							100.0	5.8	6.0

TOTAL NUMBER OF OBSERVATIONS: 10680

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PPPPPPPP      AAAAAA      RRRRRRRR      TTTTTTTTTT      DDDDDDD
PPPPPPPPP    AAAAAAAA     RRRRRRRRR     TTTTTTTTTT      DDDDDDDDD
PP      PP   AA    AA     RR      RR        TT          DD      DD
PP      PP   AA    AA     RR      RR        TT          DD      DD
PPPPPPPPP    AA    AA     RRRRRRRRR       TT          DD      DD
PPPPPPPP     AAAAAAAAAA   RRRRRRRR        TT          DD      DD
PP           AAAAAAAAAA   RR    RR        TT          DD      DD
PP           AA    AA     RR     RR       TT          DD      DD
PP           AA    AA     RR      RR      TT          DDDDDDDDD
PP           AA    AA     RR       RR     TT          DDDDDDDD
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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 OBSCURRED, OR TOTALLY OBSCURRED 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: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - I
LST TO UTC: + 5 MONTH: JAN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	31.8	32.5	32.8	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
GE 20000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 18000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 16000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 14000	34.4	35.4	35.7	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
GE 12000	34.5	35.5	35.8	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
GE 10000	37.5	38.5	39.0	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
GE 9000	38.2	39.1	39.8	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
GE 8000	41.3	42.3	42.9	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
GE 7000	41.8	42.8	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
GE 6000	42.4	43.3	44.0	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
GE 5000	44.9	45.9	46.6	47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
GE 4500	47.0	48.2	48.8	49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8
GE 4000	49.2	50.4	51.4	52.2	52.6	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9
GE 3500	52.7	54.0	55.1	55.8	56.6	56.6	56.6	56.8	57.1	57.1	57.1	57.1	57.1
GE 3000	56.3	57.8	59.2	60.3	61.3	61.3	61.5	61.7	62.0	62.0	62.0	62.0	62.0
GE 2500	61.2	63.3	66.8	68.1	69.8	69.8	70.0	70.2	70.6	70.6	70.6	70.6	70.6
GE 2000	65.6	67.7	71.8	73.7	75.9	76.1	76.6	76.8	77.2	77.2	77.2	77.2	77.2
GE 1800	65.6	68.8	72.9	74.8	77.4	77.6	78.2	78.4	78.8	78.8	78.8	78.8	78.8
GE 1500	69.2	71.8	76.7	79.5	83.1	83.5	84.6	85.2	85.6	85.7	85.7	85.7	85.7
GE 1200	70.0	72.9	78.6	82.2	86.1	86.8	88.4	89.0	89.5	89.7	89.8	89.8	89.8
GE 1000	70.2	73.3	79.5	83.4	87.7	88.6	91.0	91.7	92.2	92.5	92.7	92.7	92.7
GE 900	70.2	73.3	79.5	83.7	88.0	88.8	91.2	91.9	92.4	92.7	92.9	92.9	92.9
GE 800	70.4	73.5	79.9	84.4	89.1	90.0	92.6	93.3	93.9	94.2	94.7	94.7	94.7
GE 700	70.6	73.9	80.2	84.8	89.7	90.9	94.0	94.7	95.5	95.8	96.3	96.3	96.3
GE 600	70.6	73.9	80.2	84.8	89.8	91.0	94.2	95.4	96.1	96.6	97.2	97.2	97.2
GE 500	70.6	73.9	80.2	84.8	89.8	91.0	95.3	96.5	97.2	97.7	98.4	98.4	98.4
GE 400	70.6	73.9	80.2	84.8	89.8	91.0	95.6	97.2	98.0	98.5	99.5	99.5	99.6
GE 300	70.6	73.9	80.2	84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9
GE 200	70.6	73.9	80.2	84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9
GE 100	70.6	73.9	80.2	84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9
GE 000	70.6	73.9	80.2	84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: 00-02

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1	33.1
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0	36.0
36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1	36.1
39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4	39.4
40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1	40.1
43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
47.2	47.4	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
49.5	49.7	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.8
52.2	52.6	52.6	52.6	52.8	52.9	52.9	52.9	52.9	52.9	52.9	52.9	52.9
55.8	56.6	56.6	56.6	56.8	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
60.3	61.3	61.3	61.5	61.7	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
69.1	69.8	69.8	70.0	70.2	70.6	70.6	70.6	70.6	70.6	70.6	70.6	70.6
73.7	75.9	76.1	76.6	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
74.3	77.4	77.6	78.2	78.4	78.8	78.8	78.8	78.8	78.8	78.8	78.8	78.8
79.5	83.1	83.5	84.6	85.2	85.6	85.7	85.7	85.7	85.7	85.7	85.7	85.7
82.2	86.1	86.8	88.4	89.0	89.5	89.7	89.8	89.8	89.8	89.8	89.8	89.8
83.4	87.7	88.6	91.0	91.7	92.2	92.5	92.7	92.7	92.7	92.7	92.7	92.7
83.7	88.0	88.8	91.2	91.9	92.4	92.7	92.9	92.9	92.9	92.9	92.9	92.9
84.4	89.1	90.0	92.6	93.3	93.9	94.2	94.7	94.7	94.7	94.7	94.7	94.7
84.8	89.7	90.9	94.0	94.7	95.5	95.8	96.3	96.3	96.3	96.3	96.3	96.3
84.8	89.8	91.0	94.2	95.4	96.1	96.6	97.2	97.2	97.2	97.2	97.2	97.2
84.8	89.8	91.0	95.3	96.5	97.2	97.7	98.4	98.4	98.4	98.4	98.4	98.4
84.8	89.8	91.0	95.5	97.2	98.0	98.5	99.5	99.5	99.6	99.6	99.6	99.6
84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	99.9	99.9
84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	99.9	99.9
84.9	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	100.0	100.0
84.8	89.8	91.0	95.6	97.4	98.2	98.7	99.7	99.7	99.9	99.9	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS: 03-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/
NO CEIL	29.6	29.8	30.4	30.9	31.3	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.
GE 20000	31.2	31.5	32.2	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33
GE 18000	31.2	31.5	32.2	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.
GE 16000	31.2	31.5	32.2	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.
GE 14000	31.7	32.0	32.9	33.4	33.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.
GE 12000	32.4	32.7	33.5	34.1	34.5	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.
GE 10000	34.3	35.4	36.2	36.8	37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37
GE 9000	35.3	35.9	36.7	37.2	37.6	37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.
GE 8000	38.3	38.9	39.8	40.3	40.8	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.
GE 7000	38.4	39.0	39.9	40.4	40.9	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41
GE 6000	38.6	39.2	40.3	41.2	41.8	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42
GE 5000	41.8	42.7	43.8	44.9	45.6	45.9	46.0	46.3	46.3	46.3	46.3	46.3	46
GE 4500	44.4	45.4	46.6	47.8	48.7	49.0	49.1	49.5	49.5	49.5	49.5	49.5	49
GE 4000	46.5	47.6	48.8	50.4	51.3	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.
GE 3500	49.7	51.2	52.5	54.1	55.2	55.5	55.6	56.0	56.1	56.1	56.1	56.1	56
GE 3000	53.9	55.4	57.2	58.8	60.0	60.3	60.4	60.9	61.0	61.0	61.0	61.0	61
GE 2500	59.0	60.9	63.8	66.1	67.7	68.1	68.3	68.7	68.8	68.8	68.8	68.8	68
GE 2000	63.2	65.5	68.3	71.3	74.0	74.3	74.7	75.3	75.4	75.4	75.4	75.4	75
GE 1800	64.3	66.8	70.3	73.5	76.1	76.5	76.9	77.4	77.5	77.5	77.5	77.5	77
GE 1500	66.9	69.5	73.4	78.3	81.3	81.6	82.6	83.2	83.4	83.4	83.4	83.4	83
GE 1200	68.7	71.9	76.6	81.8	85.4	85.7	87.5	88.5	88.8	88.9	88.9	89.0	89
GE 1000	69.2	72.7	77.5	82.9	87.0	87.4	90.0	91.0	91.4	91.6	91.6	91.7	91
GE 900	69.5	72.9	77.7	83.2	87.5	88.0	90.5	91.6	92.0	92.3	92.4	92.5	92
GE 800	69.7	73.1	78.4	84.3	88.9	89.7	92.3	93.4	94.0	94.2	94.5	94.6	94
GE 700	69.8	73.2	78.5	84.6	89.5	90.5	93.2	94.4	94.9	95.2	95.5	95.6	95
GE 600	69.8	73.2	78.8	84.9	89.9	91.2	94.3	95.6	96.1	96.8	97.3	97.4	97
GE 500	69.8	73.2	78.8	84.9	89.9	91.2	95.1	96.3	96.9	97.6	98.2	98.3	98
GE 400	69.8	73.2	78.8	84.9	89.9	91.2	95.5	96.9	97.4	98.2	98.8	98.9	99
GE 300	69.8	73.2	78.8	84.9	89.9	91.2	95.6	96.9	97.4	98.2	99.0	99.1	99
GE 200	69.8	73.2	78.8	84.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99
GE 100	69.8	73.2	78.8	84.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99
GE 000	69.8	73.2	78.8	84.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JAN HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	30.9	31.3	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7	31.8	31.9
	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.8
	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.8
	32.7	33.1	33.3	33.4	33.5	33.5	33.5	33.5	33.5	33.5	33.5	33.7	33.8
	33.4	33.9	34.1	34.2	34.3	34.3	34.3	34.3	34.3	34.3	34.3	34.4	34.5
	34.1	34.5	34.7	34.8	34.9	34.9	34.9	34.9	34.9	34.9	34.9	35.1	35.2
	36.8	37.2	37.4	37.5	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.7	37.8
	37.2	37.6	37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1	38.2	38.3
	40.3	40.8	41.0	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.3	41.4
	40.4	40.9	41.1	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.4	41.5
	41.2	41.8	42.0	42.2	42.4	42.4	42.4	42.4	42.4	42.4	42.4	42.5	42.6
	44.9	45.6	45.9	46.0	46.3	46.3	46.3	46.3	46.3	46.3	46.3	46.5	46.6
	47.8	48.7	49.0	49.1	49.5	49.5	49.5	49.5	49.5	49.5	49.5	49.6	49.7
	50.4	51.3	51.6	51.7	52.2	52.2	52.2	52.2	52.2	52.3	52.3	52.4	[illegible]5
	54.1	55.2	55.5	55.6	56.0	56.1	56.1	56.1	56.1	56.2	56.2	56.3	56.5
	58.8	60.0	60.3	60.4	60.9	61.0	61.0	61.0	61.0	61.1	61.1	61.2	61.3
	66.1	67.7	68.1	68.3	68.7	68.8	68.8	68.8	68.8	68.9	68.9	69.0	69.1
	71.9	74.0	74.3	74.7	75.3	75.4	75.4	75.4	75.4	75.5	75.5	75.6	75.7
	73.5	76.1	76.5	76.9	77.4	77.5	77.5	77.5	77.5	77.6	77.6	77.7	77.8
	78.3	81.3	81.6	82.6	83.2	83.4	83.4	83.4	83.4	83.5	83.5	83.7	83.8
	81.8	85.4	85.7	87.5	88.5	88.8	88.9	88.9	89.0	89.1	89.1	89.2	89.4
	82.9	87.0	87.4	90.0	91.0	91.4	91.6	91.6	91.7	91.8	91.8	91.9	92.0
	83.2	87.5	88.0	90.5	91.6	92.0	92.3	92.4	92.5	92.6	92.6	92.7	92.8
	84.3	88.9	89.7	92.3	93.4	94.0	94.2	94.5	94.6	94.7	94.7	94.8	94.9
	84.6	89.5	90.5	93.2	94.4	94.9	95.2	95.5	95.6	95.7	95.7	95.8	95.9
	84.9	89.9	91.2	94.3	95.6	96.1	96.8	97.3	97.4	97.5	97.5	97.6	97.7
	84.9	89.9	91.2	95.1	96.3	96.9	97.6	98.2	98.3	98.6	98.6	98.7	98.8
	84.9	89.9	91.2	95.5	96.9	97.4	98.2	98.8	98.9	99.5	99.5	99.6	99.7
	84.9	89.9	91.2	95.6	96.9	97.4	98.2	99.0	99.1	99.7	99.7	99.8	99.9
	84.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99.8	99.8	99.9	100.0
	84.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99.8	99.8	99.9	100.0
	84.9	89.9	91.2	95.6	96.9	97.4	98.3	99.1	99.2	99.8	99.8	99.9	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JAN HOURS: 06-

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	26.1	26.9	28.3	28.7	29.5	29.7	29.9	30.0	30.0	30.0	30.2	30.2	3
GE 20000	27.8	28.7	30.2	30.8	31.6	31.8	32.2	32.3	32.3	32.4	32.6	32.6	3
GE 18000	27.8	28.7	30.2	30.8	31.6	31.8	32.2	32.3	32.3	32.4	32.6	32.6	3
GE 16000	28.0	28.8	30.3	30.9	31.7	31.9	32.3	32.4	32.4	32.5	32.7	32.7	3
GE 14000	28.7	29.6	31.3	31.8	32.7	32.9	33.2	33.3	33.3	33.4	33.7	33.7	3
GE 12000	29.0	29.9	31.7	32.3	33.1	33.3	33.7	33.8	33.8	33.9	34.1	34.1	3
GE 10000	31.7	32.7	34.7	35.7	36.6	36.8	37.1	37.2	37.2	37.3	37.5	37.5	3
GE 9000	32.8	33.8	35.9	36.9	37.7	38.0	38.3	38.4	38.4	38.5	38.7	38.7	3
GE 8000	35.9	36.9	39.1	40.1	41.1	41.3	41.6	41.7	41.7	41.8	42.0	42.0	4
GE 7000	36.5	37.4	39.7	40.6	41.6	41.8	42.3	42.4	42.4	42.5	42.7	42.7	4
GE 6000	37.1	38.2	40.5	41.5	42.5	42.7	43.1	43.2	43.2	43.3	43.5	43.5	4
GE 5000	40.2	41.5	43.9	44.9	46.2	46.6	47.2	47.3	47.3	47.4	47.6	47.6	4
GE 4500	43.0	44.3	46.7	48.0	49.2	49.6	50.2	50.3	50.3	50.4	50.6	50.6	5
GE 4000	44.2	45.7	48.2	49.6	51.0	51.3	52.2	52.3	52.3	52.4	52.6	52.6	5
GE 3500	46.2	48.0	50.4	51.8	53.2	53.5	54.4	54.5	54.5	54.6	54.8	54.8	5
GE 3000	50.6	52.5	55.3	56.8	58.4	58.7	59.6	59.8	59.8	59.9	60.1	60.1	6
GE 2500	55.2	57.3	60.3	62.5	64.3	64.7	65.8	66.0	66.0	66.1	66.3	66.3	6
GE 2000	59.6	62.5	65.7	68.9	71.3	71.7	73.7	74.3	74.3	74.4	74.6	74.6	7
GE 1800	60.2	63.2	67.6	69.9	72.5	72.9	74.8	75.5	75.5	75.6	75.8	75.8	7
GE 1500	62.9	66.3	71.1	74.1	77.5	78.0	80.3	81.1	81.1	81.2	81.4	81.4	8
GE 1200	64.5	68.7	73.9	77.7	81.8	82.6	85.4	86.5	86.5	86.6	86.8	86.9	8
GE 1000	65.1	69.2	74.5	78.7	83.4	84.3	87.7	88.9	89.1	89.6	89.8	89.9	9
GE 900	65.1	69.4	74.9	79.5	84.3	85.2	88.6	89.9	90.1	90.5	91.0	91.1	9
GE 800	65.4	69.9	76.0	81.1	86.1	87.1	90.6	91.9	92.2	92.6	93.1	93.2	9
GE 700	65.6	70.3	76.5	81.7	87.1	88.2	91.8	93.1	93.4	94.1	94.7	94.8	9
GE 600	65.6	70.3	76.5	81.8	87.4	88.8	92.7	94.1	94.5	95.4	96.1	96.3	9
GE 500	65.7	70.4	76.6	81.9	87.8	89.2	93.4	95.1	95.5	96.7	97.4	97.7	9
GE 400	65.7	70.4	76.6	81.9	87.8	89.2	93.4	95.3	95.7	96.9	97.8	98.4	9
GE 300	65.7	70.4	76.6	81.9	87.8	89.2	93.5	95.4	95.8	97.0	98.1	98.6	9
GE 200	65.7	70.4	76.6	81.9	87.8	89.2	93.5	95.4	95.8	97.0	98.1	98.6	9
GE 100	65.7	70.4	76.6	81.9	87.8	89.2	93.5	95.4	95.8	97.0	98.2	98.7	9
GE 000	65.7	70.4	76.6	81.9	87.8	89.2	93.5	95.4	95.8	97.0	98.2	98.7	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: 06-08

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
28.7	29.5	29.7	29.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2
30.3	31.6	31.8	32.2	32.3	32.3	32.4	32.6	32.6	32.6	32.6	32.6	32.6
30.8	31.6	31.8	32.2	32.3	32.3	32.4	32.6	32.6	32.6	32.6	32.6	32.6
30.9	31.7	31.9	32.3	32.4	32.4	32.5	32.7	32.7	32.7	32.7	32.7	32.7
31.8	32.7	32.9	33.2	33.3	33.3	33.4	33.7	33.7	33.7	33.7	33.7	33.7
32.3	33.1	33.3	33.7	33.8	33.8	33.9	34.1	34.1	34.1	34.1	34.1	34.1
35.7	36.6	36.8	37.1	37.2	37.2	37.3	37.5	37.5	37.5	37.5	37.5	37.5
36.9	37.7	38.0	38.3	38.4	38.4	38.5	38.7	38.7	38.7	38.7	38.7	38.7
40.1	41.1	41.3	41.6	41.7	41.7	41.8	42.0	42.0	42.0	42.0	42.0	42.0
40.6	41.6	41.8	42.3	42.4	42.4	42.5	42.7	42.7	42.7	42.7	42.7	42.7
41.5	42.5	42.7	43.1	43.2	43.2	43.3	43.5	43.5	43.5	43.5	43.5	43.5
44.9	45.2	46.6	47.2	47.3	47.3	47.4	47.6	47.6	47.6	47.6	47.6	47.6
49.0	49.2	49.6	50.2	50.3	50.3	50.4	50.6	50.6	50.6	50.6	50.6	50.6
49.6	51.0	51.3	52.2	52.3	52.3	52.4	52.6	52.6	52.6	52.6	52.6	52.6
51.3	53.2	53.5	54.4	54.5	54.5	54.6	54.8	54.8	54.8	54.8	54.8	54.8
56.8	58.4	58.7	59.6	59.8	59.8	59.9	60.1	60.1	60.1	60.1	60.1	60.1
62.5	64.3	64.7	65.8	66.0	66.0	66.1	66.3	66.3	66.3	66.3	66.3	66.3
69.9	71.3	71.7	73.7	74.3	74.3	74.4	74.6	74.6	74.6	74.6	74.6	74.6
69.9	72.5	72.9	74.8	75.5	75.5	75.6	75.8	75.8	75.8	75.8	75.8	75.8
74.1	77.5	78.0	80.3	81.1	81.1	81.2	81.4	81.4	81.5	81.5	81.5	81.5
77.7	81.8	82.6	85.4	86.5	86.5	86.6	86.8	86.9	87.0	87.0	87.0	87.0
78.7	83.4	84.3	87.7	88.9	89.1	89.6	89.8	89.9	90.1	90.1	90.1	90.1
79.5	84.3	85.2	88.6	89.9	90.1	90.5	91.0	91.1	91.3	91.3	91.3	91.3
81.1	86.1	87.1	90.6	91.9	92.2	92.6	93.1	93.2	93.4	93.4	93.4	93.4
81.7	87.1	88.2	91.8	93.1	93.4	94.1	94.7	94.8	95.1	95.1	95.1	95.1
82.5	87.4	88.8	92.7	94.1	94.5	95.4	96.1	96.3	96.6	96.6	96.6	96.6
83.9	87.8	89.2	93.4	95.1	95.5	96.7	97.4	97.7	98.1	98.2	98.2	98.2
83.9	87.8	89.2	93.4	95.3	95.7	96.9	97.8	98.4	98.7	98.8	98.8	98.8
83.9	87.8	89.2	93.5	95.4	95.8	97.0	98.1	98.6	99.0	99.2	99.2	99.2
83.9	87.8	89.2	93.5	95.4	95.8	97.0	98.1	98.6	99.1	99.5	99.5	99.5
83.9	87.8	89.2	93.5	95.4	95.8	97.0	98.2	98.7	99.2	99.6	99.7	100.0
83.9	87.8	89.2	93.5	95.4	95.8	97.0	98.2	98.7	99.2	99.6	99.7	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79
LST TO UTC: + 5 MONTH: JAN HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	26.6	28.6	29.6	30.0	31.0	31.3	31.6	31.8	31.9	31.9	31.9	31.9	31.9
GE 20000	31.0	33.1	34.1	34.6	35.9	36.2	36.6	36.8	36.9	36.9	36.9	36.9	36.9
GE 18000	31.0	33.1	34.1	34.6	35.9	36.2	36.6	36.8	36.9	36.9	36.9	36.9	36.9
GE 16000	31.0	33.1	34.1	34.6	35.9	36.2	36.6	36.8	36.9	36.9	36.9	36.9	36.9
GE 14000	31.4	33.5	34.5	35.1	36.3	36.7	37.0	37.2	37.3	37.3	37.3	37.3	37.3
GE 12000	31.8	34.0	34.9	35.5	36.8	37.1	37.4	37.6	37.7	37.7	37.7	37.7	37.7
GE 10000	33.7	35.2	37.4	38.1	39.5	39.8	40.1	40.3	40.4	40.4	40.4	40.4	40.4
GE 9000	34.3	36.9	38.1	38.7	40.2	40.5	40.9	41.1	41.2	41.2	41.2	41.2	41.3
GE 8000	37.5	40.4	41.8	42.8	44.4	44.7	45.2	45.4	45.5	45.5	45.5	45.5	45.5
GE 7000	38.1	40.9	42.6	43.5	45.2	45.5	45.9	46.1	46.2	46.2	46.2	46.2	46.3
GE 6000	38.5	41.3	43.0	44.0	45.7	46.0	46.5	46.7	46.8	46.8	46.8	46.8	46.8
GE 5000	40.0	42.3	44.0	45.7	47.5	47.8	48.4	48.6	48.7	48.7	48.7	48.7	48.7
GE 4500	41.5	44.3	46.3	47.4	49.4	49.7	50.2	50.4	50.5	50.5	50.5	50.5	50.5
GE 4000	43.1	46.2	48.6	49.9	51.8	52.2	52.8	53.1	53.3	53.3	53.3	53.3	53.3
GE 3500	44.3	48.0	50.4	51.8	53.9	54.2	54.9	55.3	55.5	55.7	55.7	55.7	55.7
GE 3000	48.9	52.7	56.1	57.7	60.0	60.3	61.3	61.6	61.8	62.0	62.2	62.2	62.2
GE 2500	52.7	56.8	60.4	62.7	65.3	65.8	67.1	67.6	67.8	68.1	68.2	68.2	68.3
GE 2000	57.0	61.8	65.7	68.5	71.6	72.2	73.9	74.8	75.1	75.4	75.7	75.7	75.7
GE 1900	57.1	62.0	66.0	68.9	72.0	72.6	74.3	75.3	75.5	75.8	76.1	76.1	76.1
GE 1500	59.6	64.7	69.1	72.6	76.7	77.2	79.0	80.1	80.3	80.6	81.0	81.0	81.0
GE 1200	60.8	66.2	71.4	75.2	80.2	81.0	83.2	84.6	84.8	85.3	85.6	85.6	85.6
GE 1000	61.0	66.4	72.2	76.1	81.9	82.8	85.3	86.9	87.1	87.7	88.1	88.1	88.1
GE 900	61.1	67.1	72.9	77.1	83.2	84.4	87.0	88.8	89.0	89.8	90.1	90.1	90.1
GE 800	61.5	67.6	73.7	78.3	85.1	86.2	88.9	90.8	91.0	92.0	92.6	92.6	92.6
GE 700	61.5	67.5	73.8	78.7	85.6	87.1	90.2	92.2	92.4	93.5	94.4	94.4	94.4
GE 600	61.5	67.6	73.8	79.0	86.1	88.1	91.3	93.3	93.8	95.4	96.3	96.5	96.7
GE 500	61.5	67.6	73.8	79.0	86.2	88.4	91.8	94.0	94.4	96.1	97.2	97.4	98.0
GE 400	61.5	67.6	73.8	79.0	86.2	88.5	92.0	94.3	94.8	96.7	98.1	98.4	99.0
GE 300	61.5	67.6	73.8	79.0	86.2	88.5	92.0	94.4	94.9	96.8	98.2	98.6	99.2
GE 200	61.5	67.6	73.8	79.0	86.2	88.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5
GE 100	61.5	67.6	73.8	79.0	86.2	88.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5
GE 000	61.5	67.6	73.8	79.0	86.2	88.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 — MONTH: JAN HOURS: 09-11

CEILING GE	VISIBILITY IN STATUTE MILES GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
30.0	31.0	31.3	31.6	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9	31.9	
34.5	35.9	36.2	36.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	
34.5	35.9	36.2	36.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	
34.5	35.9	36.2	36.6	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	
35.1	36.3	36.7	37.0	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3	37.3	
35.5	36.8	37.1	37.4	37.6	37.7	37.7	37.7	37.7	37.7	37.7	37.7	37.7	
39.1	39.5	39.8	40.1	40.3	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	
40.7	40.2	40.5	40.9	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2	41.2	
42.3	44.4	44.7	45.2	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.5	
43.5	45.2	45.5	45.9	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.2	
44.0	45.7	46.0	46.5	46.7	46.8	46.8	46.8	46.8	46.8	46.8	46.8	46.8	
47.7	47.5	47.8	48.4	48.6	48.7	48.7	48.7	48.7	48.7	48.7	48.7	48.7	
47.4	49.4	49.7	50.2	50.4	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	
49.3	51.8	52.2	52.8	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	
51.3	53.9	54.2	54.9	55.3	55.5	55.7	55.7	55.7	55.7	55.7	55.7	55.7	
57.7	60.0	60.3	61.3	61.6	61.8	62.0	62.2	62.2	62.2	62.2	62.2	62.2	
62.7	65.3	65.6	67.1	67.6	67.8	68.1	68.2	68.2	68.2	68.2	68.2	68.2	
69.6	71.6	72.2	73.9	74.3	75.1	75.4	75.7	75.7	75.7	75.7	75.7	75.7	
69.8	72.0	72.6	74.3	75.3	75.5	75.8	76.1	76.1	76.1	76.1	76.1	76.1	
72.6	76.7	77.2	79.0	80.1	80.3	80.6	81.0	81.0	81.0	81.0	81.0	81.0	
75.2	80.2	81.0	83.2	84.6	84.8	85.3	85.6	85.6	85.6	85.6	85.6	85.6	
84.1	81.9	82.8	85.3	86.9	87.1	87.7	88.1	88.1	88.1	88.1	88.1	88.1	
87.1	83.2	84.4	87.0	88.9	89.0	89.8	90.1	90.1	90.1	90.1	90.1	90.1	
90.3	85.1	86.2	88.9	90.8	91.0	92.0	92.6	92.6	92.6	92.6	92.6	92.6	
92.7	85.6	87.1	90.2	92.2	92.4	93.5	94.4	94.4	94.4	94.4	94.4	94.4	
93.0	86.1	88.1	91.3	93.3	93.8	95.4	96.3	96.5	96.7	96.7	96.7	96.7	
94.0	86.2	88.4	91.8	94.0	94.4	96.1	97.2	97.4	98.0	98.0	98.0	98.0	
93.0	86.2	88.5	92.0	94.3	94.8	96.7	98.1	98.4	99.0	99.2	99.2	99.2	
93.0	86.2	88.5	92.0	94.4	94.9	96.8	98.2	98.6	99.2	99.5	99.5	99.5	
93.0	86.2	88.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5	99.7	99.7	99.7	
93.0	86.2	88.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5	99.8	99.9	100.0	
93.0	86.2	88.5	92.0	94.4	95.1	96.9	98.3	98.8	99.5	99.8	99.9	100.0	

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - F
LST TO UTC: + 5 MONTH: JAN HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	27.1	27.7	28.4	28.6	28.8	28.8	29.0	29.0	29.0	29.1	29.1	29.1	29.1
GE 20000	32.6	33.4	34.1	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1
GE 18000	32.6	33.4	34.1	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1
GE 16000	32.6	33.4	34.1	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1
GE 14000	33.1	34.0	34.6	34.8	35.2	35.2	35.5	35.6	35.6	35.7	35.7	35.7	35.7
GE 12000	34.3	35.2	35.8	36.0	36.3	36.3	36.7	36.8	36.8	36.9	36.9	36.9	36.9
GE 10000	37.3	38.1	40.0	40.3	40.6	40.6	41.0	41.1	41.1	41.2	41.2	41.2	41.2
GE 9000	38.4	39.7	40.6	41.1	41.4	41.4	41.7	41.8	41.8	41.9	41.9	41.9	41.9
GE 8000	42.0	43.3	44.7	45.4	45.8	45.8	46.1	46.2	46.2	46.3	46.3	46.3	46.3
GE 7000	42.2	43.4	44.8	45.6	46.0	46.0	46.3	46.5	46.5	46.6	46.6	46.6	46.6
GE 6000	42.8	44.1	45.5	46.3	46.9	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4
GE 5000	44.5	46.0	47.6	48.5	49.1	49.4	49.7	49.8	49.8	49.9	49.9	49.9	49.9
GE 4500	46.1	47.8	49.6	50.5	51.1	51.3	51.6	51.7	51.7	51.9	52.0	52.0	52.0
GE 4000	47.2	49.0	50.9	52.0	52.6	52.8	53.1	53.2	53.3	53.7	53.8	53.8	53.8
GE 3500	50.1	52.2	54.0	55.2	55.7	55.9	56.2	56.5	56.6	56.9	57.0	57.0	57.0
GE 3000	54.7	57.1	59.0	60.4	61.5	61.7	62.4	62.6	62.7	63.0	63.1	63.1	63.1
GE 2500	60.0	62.6	65.2	66.9	68.1	68.3	69.2	69.5	69.6	69.9	70.0	70.0	70.0
GE 2000	63.7	66.7	70.9	72.7	74.1	74.4	75.5	75.9	76.0	76.5	76.6	76.6	76.6
GE 1800	64.1	67.2	71.4	73.2	74.6	74.9	76.0	76.5	76.6	77.0	77.1	77.1	77.1
GE 1500	67.6	71.6	76.5	79.4	81.7	82.2	83.2	83.9	84.3	84.9	85.1	85.1	85.1
GE 1200	68.6	73.2	78.5	81.9	85.2	85.8	87.0	87.8	88.3	88.9	89.1	89.1	89.1
GE 1000	68.2	74.1	79.4	83.0	87.1	87.8	89.1	90.3	90.9	91.6	91.8	91.8	91.8
GE 900	69.0	74.3	79.9	84.1	88.2	89.5	91.0	92.3	92.8	93.5	93.8	93.8	93.8
GE 800	69.5	74.8	80.8	84.9	89.0	90.5	92.5	93.8	94.3	95.1	95.3	95.3	95.3
GE 700	69.6	75.2	81.1	85.4	89.6	91.6	93.5	95.1	95.7	96.5	96.8	96.8	96.9
GE 600	69.8	75.5	81.5	86.0	90.4	92.5	94.5	96.1	96.8	97.8	98.2	98.2	98.3
GE 500	69.8	75.5	81.6	86.1	90.5	92.6	94.6	96.5	97.1	98.2	98.7	98.7	98.8
GE 400	69.8	75.5	81.6	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.1	99.2	99.4
GE 300	69.8	75.5	81.6	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.4	99.6
GE 200	69.8	75.5	81.6	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8
GE 100	69.8	75.5	81.6	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8
GE 000	69.8	75.5	81.6	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: 12-14

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	28.6	28.8	28.8	29.0	29.0	29.0	29.1	29.1	29.1	29.1	29.1	29.1	29.1
	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1
	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1
	34.3	34.5	34.5	34.8	34.9	34.9	35.1	35.1	35.1	35.1	35.1	35.1	35.1
	34.8	35.2	35.2	35.5	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7	35.7
	36.0	36.3	36.3	36.7	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9	36.9
	40.3	40.6	40.6	41.0	41.1	41.1	41.2	41.2	41.2	41.2	41.2	41.2	41.2
	41.1	41.4	41.4	41.7	41.8	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
	45.4	45.8	45.8	46.1	46.2	46.2	46.3	46.3	46.3	46.3	46.3	46.3	46.3
	45.6	46.0	46.0	46.3	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
	46.3	46.9	46.9	47.2	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
	49.5	49.1	49.4	49.7	49.8	49.8	49.9	49.9	49.9	49.9	49.9	49.9	49.9
	50.6	51.1	51.3	51.6	51.7	51.7	51.9	52.0	52.0	52.0	52.0	52.0	52.0
	52.0	52.6	52.8	53.1	53.2	53.3	53.7	53.8	53.8	53.8	53.8	53.8	53.8
	55.2	55.7	55.9	56.2	56.5	56.6	56.9	57.0	57.0	57.0	57.0	57.0	57.0
	60.4	61.5	61.7	62.4	62.6	62.7	63.0	63.1	63.1	63.1	63.1	63.1	63.1
	66.9	68.1	68.3	69.2	69.5	69.6	69.9	70.0	70.0	70.0	70.0	70.0	70.0
	72.7	74.1	74.4	75.5	75.9	76.0	76.5	76.6	76.6	76.6	76.6	76.6	76.6
	73.2	74.6	74.9	76.0	76.5	76.5	77.0	77.1	77.1	77.1	77.1	77.1	77.1
	79.4	81.7	82.2	83.2	83.9	84.3	84.9	85.1	85.1	85.1	85.1	85.1	85.1
	81.9	85.2	85.8	87.0	87.8	88.3	88.9	89.1	89.1	89.1	89.1	89.1	89.1
	83.0	87.1	87.8	89.1	90.3	90.9	91.6	91.8	91.8	91.8	91.8	91.8	91.8
	84.1	88.2	89.5	91.0	92.3	92.8	93.5	93.8	93.8	93.8	93.8	93.8	93.8
	84.9	89.0	90.5	92.5	93.8	94.3	95.1	95.3	95.3	95.3	95.3	95.3	95.3
	85.4	89.6	91.6	93.5	95.1	95.7	96.5	96.8	96.8	96.9	96.9	96.9	96.9
	86.0	90.4	92.5	94.5	96.1	96.8	97.8	98.2	98.2	98.3	98.3	98.3	98.3
	86.1	90.5	92.6	94.6	96.5	97.1	98.3	98.7	98.7	98.8	98.8	98.8	98.8
	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.1	99.2	99.4	99.4	99.5	99.5
	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.4	99.6	99.6	99.7	99.7
	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8	99.8	99.9	99.9
	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8	99.8	99.9	99.9
	86.1	90.6	92.8	94.8	96.8	97.4	98.6	99.2	99.5	99.8	99.8	100.0	100.0

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - F
LST TO UTC: + 5 MONTH: JAN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	28.2	28.7	28.8	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 20000	34.2	34.7	35.1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 18000	34.3	34.8	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 16000	34.3	34.8	35.2	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 14000	35.2	35.7	36.0	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 12000	36.6	37.1	37.4	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 10000	40.1	40.9	41.4	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 9000	41.2	41.9	42.5	42.8	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0	43.0
GE 8000	46.1	47.2	47.7	48.1	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 7000	46.5	47.5	48.1	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 6000	46.8	47.8	48.4	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE 5000	48.8	50.0	51.1	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE 4500	50.5	52.2	53.4	53.8	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4
GE 4000	52.4	54.1	55.4	55.9	56.2	56.3	56.5	56.5	56.5	56.5	56.6	56.6	56.6
GE 3500	54.8	56.7	58.0	58.6	59.0	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4
GE 3000	59.5	61.8	63.3	64.1	64.7	64.8	65.2	65.2	65.2	65.3	65.3	65.3	65.3
GE 2500	65.5	68.2	70.4	71.3	72.4	72.5	72.8	72.8	72.9	73.0	73.0	73.0	73.0
GE 2000	68.5	73.0	76.6	78.2	79.7	79.8	80.6	80.6	80.8	81.1	81.1	81.1	81.1
GE 1800	70.2	73.7	77.4	79.1	80.6	80.9	81.7	81.7	81.8	82.2	82.2	82.2	82.2
GE 1500	72.4	76.0	80.5	83.2	85.3	85.8	87.3	87.4	87.5	87.8	87.8	87.8	87.8
GE 1200	73.0	77.0	81.7	84.6	87.1	87.6	89.6	89.9	90.1	90.5	90.6	90.6	90.6
GE 1000	73.7	77.6	82.7	86.0	89.0	89.6	91.5	92.0	92.3	93.1	93.2	93.2	93.3
GE 900	74.1	78.2	83.2	86.7	89.9	90.4	92.8	93.3	93.7	94.7	94.8	94.8	94.9
GE 800	74.3	78.6	84.0	87.6	90.9	91.4	94.1	94.6	95.1	96.2	96.5	96.5	96.6
GE 700	74.5	78.9	84.3	88.0	91.3	91.8	94.6	95.4	95.9	97.1	97.5	97.5	97.6
GE 600	74.5	78.9	84.4	88.3	91.7	92.3	95.3	96.1	96.7	97.8	98.3	98.3	98.4
GE 500	74.5	78.9	84.5	88.5	92.2	92.7	95.8	96.7	97.2	98.5	99.0	99.0	99.2
GE 400	74.5	78.9	84.5	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.5
GE 300	74.5	78.9	84.5	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.6
GE 200	74.5	78.9	84.5	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.6
GE 100	74.5	78.9	84.5	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.2	99.7
GE 000	74.5	78.9	84.5	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.2	99.7

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
GE 1	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4	35.4
GE 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	35.5
GE 3	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5	35.5
GE 4	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6	36.6
GE 5	37.7	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0	38.0
GE 6	41.7	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
GE 7	42.8	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 8	48.1	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 9	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE10	48.7	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
GE11	51.4	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
GE12	53.8	54.1	54.2	54.3	54.3	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4
GE13	55.9	56.2	56.3	56.5	56.5	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE14	58.6	59.0	59.1	59.2	59.2	59.2	59.4	59.4	59.4	59.4	59.4	59.4	59.4
GE15	64.1	64.7	64.8	65.2	65.2	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE16	71.3	72.4	72.5	72.8	72.8	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE17	78.2	79.7	79.8	80.6	80.6	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE18	79.1	80.6	80.9	81.7	81.7	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2
GE19	83.2	85.3	85.8	87.3	87.4	87.5	87.8	87.8	87.8	87.8	87.8	87.8	87.8
GE20	84.6	87.1	87.6	89.6	89.9	90.1	90.5	90.6	90.6	90.6	90.6	90.8	90.8
GE21	85.0	89.0	89.6	91.5	92.0	92.3	93.1	93.2	93.2	93.3	93.3	93.4	93.4
GE22	86.7	89.9	90.4	92.8	93.3	93.7	94.7	94.8	94.8	94.9	94.9	95.1	95.1
GE23	87.6	90.9	91.4	94.1	94.6	95.1	96.2	96.5	96.5	96.6	96.6	96.7	96.7
GE24	88.0	91.3	91.8	94.6	95.4	95.9	97.1	97.5	97.5	97.6	97.6	97.7	97.7
GE25	88.3	91.7	92.3	95.3	96.1	96.7	97.8	98.3	98.3	98.4	98.4	98.5	98.5
GE26	88.5	92.2	92.7	95.8	96.7	97.2	98.5	99.0	99.0	99.2	99.2	99.4	99.4
GE27	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.5	99.5	99.6	99.6
GE28	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.6	99.6	99.7	99.7
GE29	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.1	99.6	99.6	99.8	99.9
GE30	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.2	99.7	99.7	99.9	100.0
ALL	88.5	92.2	92.7	95.9	96.8	97.3	98.6	99.1	99.2	99.7	99.7	99.9	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JAN HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	32.0	32.4	32.8	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
GE 20000	37.7	38.2	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 18000	37.7	38.2	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 16000	37.7	38.2	38.7	39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
GE 14000	38.2	38.6	39.1	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 12000	38.8	39.4	40.1	40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
GE 10000	41.7	42.3	43.0	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
GE 9000	42.5	43.0	43.8	44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 8000	47.3	48.1	48.8	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
GE 7000	48.0	48.7	49.5	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 6000	48.4	49.1	49.9	50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 5000	49.3	50.5	51.3	52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
GE 4500	52.0	52.8	54.2	55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
GE 4000	54.2	55.2	56.8	57.8	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 3500	57.4	58.4	60.2	61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0
GE 3000	62.0	63.0	65.1	66.5	67.3	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.7
GE 2500	66.8	68.3	70.4	72.2	73.4	73.8	74.2	74.4	74.4	74.6	74.7	74.7	74.7
GE 2000	70.6	72.9	76.2	78.5	80.0	80.4	82.0	82.4	82.4	82.6	82.7	82.7	82.7
GE 1800	70.6	73.0	76.3	78.7	80.3	80.8	82.4	82.7	82.7	82.9	83.0	83.0	83.0
GE 1500	72.0	74.7	78.9	82.5	84.4	85.1	87.5	87.8	87.8	88.2	88.3	88.3	88.4
GE 1200	72.8	75.7	80.6	84.7	87.1	88.1	90.6	91.1	91.2	91.6	91.7	91.8	91.9
GE 1000	73.8	75.7	81.4	85.5	88.2	89.1	91.7	92.3	92.4	93.0	93.1	93.2	93.5
GE 900	73.3	76.5	82.2	86.2	88.9	90.0	92.3	93.3	93.4	94.2	94.3	94.4	94.7
GE 800	73.4	76.6	82.3	86.5	89.2	90.3	93.3	94.1	94.2	94.9	95.2	95.4	95.9
GE 700	73.8	76.9	82.7	86.9	90.0	91.2	94.2	95.2	95.3	96.1	96.3	96.6	97.1
GE 600	73.8	76.9	82.7	87.0	90.2	91.5	94.6	95.6	95.7	96.7	96.9	97.1	97.6
GE 500	73.8	76.9	82.7	87.1	90.3	91.6	94.8	95.9	96.1	97.2	97.6	97.8	98.5
GE 400	73.8	76.9	82.7	87.1	90.3	91.6	94.8	95.9	96.1	97.2	97.7	98.0	98.6
GE 300	73.8	76.9	82.7	87.1	90.3	91.6	94.8	96.0	96.2	97.3	97.8	98.1	98.7
GE 200	73.8	76.9	82.7	87.1	90.3	91.6	94.8	96.0	96.3	97.4	98.0	98.2	98.9
GE 100	73.8	76.9	82.7	87.1	90.3	91.6	94.8	96.0	96.3	97.5	98.1	98.3	99.0
GE 000	73.8	76.9	82.7	87.1	90.3	91.6	94.8	96.0	96.3	97.5	98.1	98.3	99.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: 18-20

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
39.0	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1	39.1
39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
40.4	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
44.1	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4	49.4
49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
50.4	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
52.4	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7	52.7
55.3	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6	55.6
57.8	58.3	58.3	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
61.4	61.9	61.9	61.9	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
66.5	67.3	67.3	67.4	67.5	67.5	67.6	67.7	67.7	67.7	67.7	67.7	67.7
72.2	73.4	73.8	74.2	74.4	74.4	74.6	74.7	74.7	74.7	74.7	74.7	74.7
78.5	80.0	80.4	82.0	82.4	82.4	82.6	82.7	82.7	82.7	82.7	82.7	82.7
78.7	80.3	80.8	82.4	82.7	82.7	82.9	83.0	83.0	83.0	83.0	83.0	83.0
82.5	84.4	85.1	87.5	87.8	87.8	88.2	88.3	88.3	88.4	88.4	88.4	88.4
84.7	87.1	88.1	90.6	91.1	91.2	91.6	91.7	91.8	91.9	91.9	91.9	91.9
86.5	88.2	89.1	91.7	92.3	92.4	93.0	93.1	93.2	93.5	93.5	93.5	93.5
87.2	88.9	90.0	92.3	93.3	93.4	94.2	94.3	94.4	94.7	94.7	94.7	94.7
88.5	89.2	90.3	93.3	94.1	94.2	94.9	95.2	95.4	95.8	95.8	95.8	95.8
88.9	90.0	91.2	94.2	95.2	95.3	96.1	96.3	96.6	97.1	97.1	97.1	97.1
89.0	90.2	91.5	94.6	95.6	95.7	96.7	96.9	97.1	97.6	97.6	97.6	97.6
89.1	90.3	91.6	94.8	95.9	96.1	97.2	97.6	97.8	98.5	98.5	98.5	98.5
89.1	90.3	91.6	94.8	95.9	96.1	97.2	97.7	98.0	98.6	98.6	98.6	98.6
89.1	90.3	91.6	94.8	96.0	96.2	97.3	97.8	98.1	98.7	98.7	99.0	99.0
89.1	90.3	91.6	94.8	96.0	96.3	97.4	98.0	98.2	98.9	99.2	99.6	99.7
89.1	90.3	91.6	94.8	96.0	96.3	97.5	98.1	98.3	99.0	99.4	99.7	100.0
89.1	90.3	91.6	94.8	96.0	96.3	97.5	98.1	98.3	99.0	99.4	99.7	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JAN HOURS: 21-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	33.2	33.4	34.3	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	3
GE 20000	37.1	37.3	38.2	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	3
GE 18000	37.2	37.4	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	3
GE 16000	37.2	37.4	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	3
GE 14000	37.3	37.5	38.4	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	3
GE 12000	38.1	38.3	39.1	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	3
GE 10000	41.0	41.2	42.0	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	4
GE 9000	41.8	42.0	42.9	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	4
GE 8000	45.6	45.8	46.7	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	4
GE 7000	46.7	46.9	47.7	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	4
GE 6000	47.1	47.3	48.2	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	4
GE 5000	48.5	48.7	49.6	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	5
GE 4500	51.3	51.5	52.6	52.9	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	5
GE 4000	54.8	55.1	56.5	56.8	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	5
GE 3500	57.4	57.7	59.7	60.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	6
GE 3000	61.4	62.0	64.2	64.9	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	6
GE 2500	66.7	67.3	70.5	71.3	73.0	73.8	74.1	74.3	74.5	74.5	74.5	74.5	7
GE 2000	70.2	72.2	75.7	77.0	79.4	80.2	80.5	80.8	81.0	81.0	81.0	81.0	8
GE 1800	71.0	73.0	76.7	78.2	80.8	81.6	82.3	82.5	82.7	82.7	82.7	82.7	8
GE 1500	73.2	75.5	79.1	81.2	84.2	85.1	86.2	86.6	86.8	86.9	87.0	87.0	8
GE 1200	74.2	76.8	80.8	83.2	86.9	88.1	89.6	90.0	90.2	90.3	90.5	90.6	9
GE 1000	74.4	77.3	81.7	84.3	88.1	89.8	91.5	91.9	92.2	92.4	92.7	92.8	9
GE 900	74.4	77.4	82.0	84.6	88.4	90.1	91.8	92.4	92.6	92.8	93.1	93.2	9
GE 800	74.5	77.5	82.4	85.1	88.9	90.6	92.6	93.1	93.3	93.7	94.1	94.2	9
GE 700	74.5	77.6	82.6	85.7	89.9	91.6	93.7	94.3	94.5	94.8	95.4	95.5	9
GE 600	74.6	77.6	82.6	85.7	90.0	91.8	94.0	94.7	94.9	95.3	95.8	95.9	9
GE 500	74.6	77.6	82.6	85.9	90.4	92.3	94.8	95.7	95.9	96.3	97.1	97.2	9
GE 400	74.6	77.6	82.6	85.9	90.6	92.5	95.1	95.9	96.2	96.7	97.7	97.8	9
GE 300	74.6	77.6	82.6	85.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	9
GE 200	74.6	77.6	82.6	85.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	9
GE 100	74.6	77.6	82.6	85.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	9
GE 000	74.6	77.6	82.6	85.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
D UTC: + 5 MONTH: JAN HOURS: 21-23

CEILING GE	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	34.3	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4	34.4
	38.2	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
	38.4	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
	39.1	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2	39.2
	42.2	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
	43.0	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3	43.3
	47.0	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
	48.1	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	48.5	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
	50.1	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
	53.0	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3	53.3
	57.4	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
	60.2	61.3	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
	64.9	66.3	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
	71.3	73.0	73.8	74.1	74.3	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
	77.0	79.4	80.2	80.5	80.8	81.0	81.0	81.0	81.0	81.0	81.0	81.0	81.0
	78.2	80.8	81.6	82.3	82.5	82.7	82.7	82.7	82.7	82.7	82.7	82.7	82.7
	81.2	84.2	85.1	86.2	86.6	86.8	86.9	87.0	87.0	87.0	87.0	87.0	87.0
	83.2	86.9	88.1	89.6	90.0	90.2	90.3	90.5	90.6	90.8	90.8	90.8	90.8
	84.3	88.1	89.8	91.5	91.9	92.2	92.4	92.7	92.8	92.9	92.9	92.9	92.9
	84.5	88.4	90.1	91.8	92.4	92.6	92.8	93.1	93.2	93.3	93.3	93.3	93.3
	85.1	89.9	90.6	92.6	93.1	93.3	93.7	94.1	94.2	94.3	94.3	94.3	94.3
	85.7	89.9	91.6	93.7	94.3	94.5	94.8	95.4	95.5	95.7	95.7	95.7	95.7
	85.7	90.0	91.8	94.0	94.7	94.9	95.3	95.8	95.9	96.1	96.1	96.1	96.1
	89.9	90.4	92.3	94.8	95.7	95.9	96.3	97.1	97.2	97.4	97.4	97.4	97.4
	89.9	90.6	92.5	95.1	95.9	96.2	96.7	97.7	97.9	98.2	98.2	98.2	98.2
	89.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	98.6	98.6	98.8	98.8
	89.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	99.0	99.0	99.6	99.7
	89.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	99.0	99.0	99.6	99.9
	89.9	90.6	92.5	95.1	96.1	96.5	96.9	98.2	98.3	99.0	99.0	99.6	100.0

933

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 MONTH: JAN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	29.3	30.0	30.7	31.0	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6
GE 20000	33.3	34.0	34.8	35.1	35.5	35.6	35.7	35.8	35.8	35.8	35.9	35.9	35.9
GE 18000	33.3	34.1	34.3	35.1	35.5	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.1
GE 16000	33.3	34.1	34.8	35.2	35.5	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9
GE 14000	33.8	34.5	35.3	35.7	36.1	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.5
GE 12000	34.4	35.2	36.1	36.4	36.8	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.2
GE 10000	37.3	38.3	39.2	39.7	40.1	40.2	40.3	40.4	40.4	40.4	40.5	40.5	40.5
GE 9000	38.1	39.0	40.0	40.5	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3
GE 8000	41.8	42.9	44.0	44.5	45.0	45.1	45.3	45.3	45.3	45.4	45.4	45.4	45.4
GE 7000	42.2	43.3	44.5	45.0	45.6	45.7	45.8	45.9	45.9	45.9	46.0	46.0	46.0
GE 6000	42.7	43.8	45.0	45.7	46.3	46.4	46.5	46.6	46.6	46.7	46.7	46.7	46.7
GE 5000	44.3	46.0	47.3	48.2	48.8	49.0	49.2	49.3	49.3	49.3	49.4	49.4	49.4
GE 4500	47.0	48.8	49.8	50.6	51.4	51.5	51.8	51.9	51.9	51.9	52.0	52.0	52.0
GE 4000	47.0	50.4	52.1	53.1	53.9	54.1	54.4	54.5	54.6	54.6	54.7	54.7	54.7
GE 3500	51.7	53.3	55.0	56.1	57.1	57.3	57.6	57.7	57.8	57.9	58.0	58.0	58.0
GE 3000	55.9	57.8	59.9	61.2	62.4	62.6	63.1	63.2	63.3	63.4	63.5	63.5	63.5
GE 2500	60.9	63.2	66.0	67.6	69.2	69.6	70.2	70.4	70.6	70.7	70.8	70.8	70.8
GE 2000	64.9	67.8	71.5	73.7	75.7	76.1	77.2	77.6	77.8	77.9	78.0	78.0	78.0
GE 1800	65.5	68.5	72.3	74.5	76.8	77.2	78.3	78.7	78.9	79.1	79.2	79.2	79.2
GE 1500	68.0	71.3	75.7	78.8	81.8	82.3	83.9	84.4	84.6	84.9	85.0	85.0	85.0
GE 1200	69.1	72.8	77.8	81.4	85.0	85.7	87.7	88.4	88.7	89.0	89.1	89.2	89.2
GE 1000	69.4	73.4	78.6	82.5	86.6	87.4	89.7	90.6	90.9	91.4	91.6	91.7	91.9
GE 900	69.6	73.6	79.1	83.1	87.3	88.3	90.7	91.7	92.0	92.6	92.8	92.9	93.0
GE 800	69.8	74.0	79.7	84.0	88.4	89.5	92.1	93.1	93.5	94.1	94.5	94.6	94.7
GE 700	70.0	74.2	79.9	84.5	89.1	90.4	93.2	94.3	94.7	95.4	95.9	95.9	96.1
GE 600	70.0	74.2	80.1	84.7	89.4	90.9	93.9	95.1	95.6	96.5	97.0	97.1	97.3
GE 500	70.0	74.3	80.1	84.8	89.7	91.1	94.5	95.8	96.3	97.3	98.0	98.1	98.4
GE 400	70.0	74.3	80.1	84.8	89.7	91.2	94.7	96.1	96.6	97.7	98.5	98.7	99.0
GE 300	70.0	74.3	80.1	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	98.9	99.3
GE 200	70.0	74.3	80.1	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	98.9	99.4
GE 100	70.0	74.3	80.1	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	99.0	99.5
GE 000	70.0	74.3	80.1	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	99.0	99.5

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	31.0	31.3	31.4	31.5	31.5	31.6	31.6	31.6	31.6	31.6	31.6	31.6	31.6
	35.1	35.5	35.6	35.7	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9
	35.1	35.5	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
	35.2	35.5	35.6	35.8	35.8	35.8	35.9	35.9	35.9	35.9	35.9	35.9	35.9
	35.7	36.1	36.2	36.3	36.4	36.4	36.4	36.5	36.5	36.5	36.5	36.5	36.5
	36.4	36.8	36.9	37.1	37.1	37.1	37.2	37.2	37.2	37.2	37.2	37.2	37.2
	39.7	40.1	40.2	40.3	40.4	40.4	40.4	40.5	40.5	40.5	40.5	40.5	40.5
	40.5	41.0	41.0	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
	44.5	45.0	45.1	45.3	45.3	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4
	45.0	45.6	45.7	45.8	45.9	45.9	45.9	46.0	46.0	46.0	46.0	46.0	46.0
	45.7	46.3	46.4	46.5	46.6	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7
	48.2	48.8	49.0	49.2	49.3	49.3	49.3	49.4	49.4	49.4	49.4	49.4	49.4
	50.5	51.4	51.5	51.8	51.9	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0
	53.1	53.9	54.1	54.4	54.5	54.6	54.6	54.7	54.7	54.7	54.7	54.7	54.7
	55.1	57.1	57.3	57.6	57.7	57.8	57.9	58.0	58.0	58.0	58.0	58.0	58.0
	61.2	62.4	62.6	63.1	63.2	63.3	63.4	63.5	63.5	63.5	63.5	63.5	63.5
	67.5	69.2	69.6	70.2	70.4	70.6	70.7	70.8	70.8	70.8	70.8	70.8	70.8
	73.7	75.7	76.1	77.2	77.6	77.8	77.9	78.0	78.0	78.0	78.0	78.1	78.1
	74.5	76.8	77.2	78.3	78.7	78.9	79.1	79.2	79.2	79.2	79.2	79.2	79.2
	78.8	81.8	82.3	83.9	84.4	84.6	84.9	85.0	85.0	85.0	85.0	85.0	85.0
	81.4	85.0	85.7	87.7	88.4	88.7	89.0	89.1	89.2	89.2	89.2	89.3	89.3
	82.5	86.6	87.4	89.7	90.6	90.9	91.4	91.6	91.7	91.8	91.8	91.8	91.8
	83.1	87.3	88.3	90.7	91.7	92.0	92.6	92.8	92.8	93.0	93.0	93.0	93.0
	84.0	88.4	89.5	92.1	93.1	93.5	94.1	94.5	94.6	94.7	94.7	94.7	94.7
	84.5	89.1	90.4	93.2	94.3	94.7	95.4	95.9	95.9	96.1	96.1	96.1	96.1
	84.7	89.4	90.9	93.9	95.1	95.6	96.5	97.0	97.1	97.3	97.3	97.3	97.3
	84.8	89.7	91.1	94.5	95.8	96.3	97.3	98.0	98.1	98.4	98.4	98.4	98.4
	84.8	89.7	91.2	94.7	96.1	96.6	97.7	98.5	98.7	99.0	99.1	99.1	99.1
	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	98.9	99.3	99.3	99.4	99.5
	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	98.9	99.4	99.6	99.7	99.8
	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	99.0	99.5	99.6	99.8	100.0
	84.8	89.7	91.2	94.7	96.2	96.7	97.8	98.7	99.0	99.5	99.6	99.8	100.0

7440

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: FEB HOURS: 00-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	32.7	33.5	34.6	34.7	35.3	35.7	36.0	36.2	36.2	36.2	36.2	36.2	3
GE 20000	35.9	36.5	38.3	38.5	39.1	39.5	39.8	39.9	39.9	39.9	39.9	39.9	3
GE 18000	35.9	36.7	38.4	38.6	39.2	39.6	39.9	40.0	40.0	40.0	40.0	40.0	4
GE 16000	35.9	36.7	38.4	38.6	39.2	39.6	39.9	40.0	40.0	40.0	40.0	40.0	4
GE 14000	36.2	37.0	38.6	38.9	39.5	39.8	40.2	40.3	40.3	40.3	40.3	40.3	4
GE 12000	36.9	37.7	39.5	39.7	40.3	40.6	41.0	41.1	41.1	41.1	41.1	41.1	4
GE 10000	39.9	40.8	42.6	42.9	43.5	43.8	44.2	44.3	44.3	44.3	44.3	44.3	4
GE 9000	41.9	42.6	44.5	44.8	45.3	45.7	46.1	46.2	46.2	46.2	46.2	46.2	4
GE 8000	43.5	44.3	46.3	46.5	47.1	47.5	47.8	47.9	47.9	47.9	47.9	47.9	4
GE 7000	45.1	46.1	48.1	48.4	49.0	49.4	49.7	49.8	49.8	49.8	49.8	49.8	4
GE 6000	45.5	46.4	48.4	48.9	49.5	49.8	50.2	50.3	50.3	50.3	50.3	50.3	5
GE 5000	48.3	49.5	51.5	51.9	52.7	53.0	53.5	53.6	53.6	53.6	53.6	53.6	5
GE 4500	49.7	50.9	53.3	53.5	54.2	54.5	55.0	55.1	55.1	55.1	55.1	55.1	5
GE 4000	53.2	54.5	57.0	57.7	58.4	58.8	59.2	59.4	59.5	59.5	59.5	59.5	5
GE 3500	55.8	57.2	59.7	60.4	61.2	61.6	62.1	62.2	62.3	62.3	62.3	62.3	6
GE 3000	59.5	61.2	64.3	65.4	66.2	66.5	67.0	67.1	67.3	67.3	67.3	67.3	6
GE 2500	63.4	65.1	68.9	70.0	70.8	71.1	71.6	71.7	71.8	71.8	71.8	71.8	7
GE 2000	67.1	69.3	73.5	74.8	76.1	76.4	76.9	77.0	77.3	77.3	77.3	77.3	7
GE 1800	67.4	69.5	74.0	75.3	76.7	77.0	77.5	77.6	77.9	78.0	78.0	78.0	7
GE 1500	70.3	72.7	77.6	79.0	80.4	80.8	82.0	82.3	82.6	82.7	82.7	82.7	8
GE 1200	72.0	75.0	80.1	82.0	83.7	84.2	85.7	86.3	86.7	86.8	86.9	86.9	8
GE 1000	72.3	75.4	80.8	82.8	84.6	85.3	86.9	87.5	87.9	88.1	88.2	88.2	8
GE 900	72.4	75.6	81.3	83.3	85.6	86.3	88.0	88.6	88.9	89.2	89.3	89.3	8
GE 800	73.1	76.3	82.0	84.0	86.6	87.5	89.2	90.0	90.3	90.6	90.8	90.8	9
GE 700	73.1	76.3	82.1	84.1	86.9	87.9	89.8	90.7	91.2	91.4	91.9	91.9	9
GE 600	73.1	76.3	82.3	84.6	87.6	88.7	90.8	91.9	92.5	92.7	93.2	93.3	9
GE 500	73.1	76.3	82.3	84.6	87.9	89.3	91.4	92.7	93.3	93.8	94.5	94.6	9
GE 400	73.1	76.3	82.4	84.8	88.1	89.5	91.6	93.1	93.9	94.6	95.5	95.8	9
GE 300	73.1	76.3	82.4	84.8	88.1	89.5	91.6	93.1	93.9	94.8	95.8	96.1	9
GE 200	73.1	76.3	82.4	84.8	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	9
GE 100	73.1	76.3	82.4	84.8	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	9
GE 000	73.1	76.3	82.4	84.8	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	9

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
T TO UTC: + 5 MONTH: FEB HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	34.7	35.3	35.7	36.0	36.2	36.2	36.2	36.2	36.2	36.2	36.2	36.3	36.3
GE 20000	38.5	39.1	39.5	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9	40.0	40.0
GE 18000	38.6	39.2	39.6	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.2
GE 16000	38.6	39.2	39.6	39.9	40.0	40.0	40.0	40.0	40.0	40.0	40.0	40.2	40.2
GE 14000	38.9	39.5	39.8	40.2	40.3	40.3	40.3	40.3	40.3	40.3	40.3	40.4	40.4
GE 12000	39.7	40.3	40.6	41.0	41.1	41.1	41.1	41.1	41.1	41.1	41.1	41.2	41.2
GE 10000	42.9	43.5	43.8	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3	44.4	44.4
GE 9000	44.3	45.3	45.7	46.1	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3
GE 8000	46.5	47.1	47.5	47.8	47.9	47.9	47.9	47.9	47.9	47.9	47.9	48.1	48.1
GE 7000	49.4	49.0	49.4	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8	49.9	49.9
GE 6000	49.9	49.5	49.8	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.4	50.4
GE 5000	51.9	52.7	53.0	53.5	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.7	53.7
GE 4500	53.5	54.2	54.5	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.2	55.2
GE 4000	57.7	58.4	58.8	59.2	59.4	59.5	59.5	59.5	59.5	59.6	59.6	59.7	59.7
GE 3500	60.4	61.2	61.6	62.1	62.2	62.3	62.3	62.3	62.3	62.4	62.4	62.5	62.5
GE 3000	65.4	66.2	66.5	67.0	67.1	67.3	67.3	67.3	67.3	67.4	67.4	67.5	67.5
GE 2500	70.0	70.8	71.1	71.6	71.7	71.8	71.8	71.8	71.8	72.0	72.0	72.1	72.1
GE 2000	74.8	76.1	76.4	76.9	77.0	77.3	77.3	77.3	77.3	77.4	77.4	77.5	77.9
GE 1800	75.3	75.7	77.0	77.5	77.6	77.9	78.0	78.0	78.0	78.1	78.1	78.2	78.6
GE 1600	79.0	80.4	80.8	82.0	82.3	82.6	82.7	82.7	82.7	82.8	82.8	82.9	83.3
GE 1400	82.0	83.7	84.2	85.7	86.3	86.7	86.8	86.9	86.9	87.2	87.2	87.4	87.8
GE 1200	82.8	84.5	85.3	86.9	87.5	87.9	88.1	88.2	88.2	88.5	88.5	88.7	89.0
GE 1000	83.3	85.6	86.3	88.0	88.6	88.9	89.2	89.3	89.3	89.5	89.5	89.8	90.1
GE 900	84.0	86.6	87.5	89.2	90.0	90.3	90.6	90.8	90.8	91.3	91.3	91.5	91.9
GE 800	84.1	86.9	87.9	89.8	90.7	91.2	91.4	91.9	91.9	92.3	92.3	92.6	92.9
GE 700	84.6	87.6	88.7	90.8	91.9	92.5	92.7	93.2	93.3	93.8	93.8	94.0	94.6
GE 600	84.9	87.9	89.3	91.4	92.7	93.3	93.8	94.5	94.6	95.1	95.1	95.3	96.2
GE 500	84.9	88.1	89.5	91.6	93.1	93.9	94.6	95.5	95.8	96.2	96.2	96.7	97.6
GE 400	84.9	88.1	89.5	91.6	93.1	93.9	94.8	95.8	96.1	96.8	96.8	97.3	98.6
GE 300	84.9	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	97.4	97.4	97.9	99.2
GE 200	84.9	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	97.5	97.5	98.0	99.9
GE 100	84.9	88.1	89.5	91.6	93.1	93.9	94.8	96.1	96.5	97.5	97.5	98.1	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: FEB HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	32.9	33.3	33.7	34.5	35.1	35.6	36.4	36.5	36.5	37.0	37.1	37.1	37.
GE 20000	35.0	35.5	36.0	36.9	37.5	37.9	38.8	38.9	38.9	39.3	39.5	39.5	39.
GE 18000	35.0	35.5	36.0	37.0	37.6	38.0	38.9	39.0	39.0	39.5	39.6	39.6	39.
GE 16000	35.0	35.5	36.0	37.0	37.6	38.0	38.9	39.0	39.0	39.5	39.6	39.6	39.
GE 14000	35.2	35.7	36.3	37.2	37.8	38.3	39.1	39.2	39.2	39.7	39.8	39.8	39.
GE 12000	35.3	35.8	36.4	37.3	37.9	38.4	39.2	39.3	39.3	39.8	39.9	39.9	39.
GE 10000	36.7	37.2	37.8	38.8	39.3	39.8	40.6	40.8	40.8	41.2	41.3	41.3	41.
GE 9000	38.5	39.0	39.8	40.8	41.3	41.8	42.6	42.8	42.8	43.2	43.3	43.3	43.
GE 8000	42.8	43.3	44.2	45.2	45.9	46.4	47.2	47.3	47.3	47.8	47.9	47.9	47.
GE 7000	44.1	44.6	45.5	46.5	47.2	47.7	48.5	48.6	48.6	49.1	49.2	49.2	49.
GE 6000	44.3	45.0	45.8	46.9	47.7	48.2	49.1	49.2	49.2	49.7	49.8	49.8	49.
GE 5000	45.7	46.4	47.2	48.4	49.2	49.7	50.6	50.8	50.8	51.2	51.4	51.4	51.
GE 4500	47.9	48.8	49.7	51.0	51.8	52.3	53.2	53.4	53.4	53.8	53.9	53.9	53.
GE 4000	52.2	53.2	54.9	56.4	57.4	57.8	59.0	59.1	59.1	59.6	59.7	59.7	59.
GE 3500	53.4	54.7	56.5	58.2	59.1	59.6	60.8	60.9	60.9	61.4	61.5	61.5	61.
GE 3000	56.8	58.2	60.9	63.0	64.2	64.8	66.0	66.1	66.1	66.6	66.7	66.7	66.
GE 2500	60.3	61.7	64.7	67.3	68.6	69.3	70.7	70.8	70.8	71.3	71.4	71.4	71.
GE 2000	62.5	64.2	67.4	70.5	71.8	72.6	74.1	74.2	74.2	74.7	74.9	74.9	74.
GE 1800	62.9	64.6	68.0	71.1	72.6	73.3	74.8	74.9	74.9	75.4	75.6	75.6	75.
GE 1500	66.5	68.3	72.4	76.1	77.9	78.6	80.4	80.3	80.3	81.3	81.5	81.5	81.
GE 1200	68.1	70.4	74.4	78.7	80.4	81.2	83.4	83.9	84.0	84.7	84.9	84.9	84.
GE 1000	69.4	71.4	75.4	79.6	81.5	82.4	84.8	85.3	85.4	86.1	86.3	86.3	86.
GE 900	68.5	71.7	76.1	80.4	82.8	83.7	86.2	86.9	87.3	88.0	88.3	88.3	88.
GE 800	69.9	72.2	76.8	81.2	83.6	84.7	87.2	88.0	88.3	89.0	89.4	89.4	89.
GE 700	69.0	72.3	77.0	81.4	84.0	85.4	88.1	89.0	89.4	90.2	90.8	90.8	90.
GE 600	69.1	72.6	77.4	82.2	84.8	86.3	89.4	90.7	91.3	92.3	92.9	92.9	92.
GE 500	69.4	72.9	77.7	82.6	85.3	86.9	90.1	91.8	92.7	93.8	94.5	94.7	94.
GE 400	69.5	73.0	77.9	82.9	85.6	87.3	90.6	92.7	93.6	94.8	95.5	95.8	96.
GE 300	69.5	73.0	77.9	82.9	85.6	87.3	90.6	92.8	93.8	95.2	95.9	96.1	96.
GE 200	69.5	73.0	77.9	82.9	85.6	87.3	90.6	92.9	93.9	95.5	96.6	96.8	97.
GE 100	69.5	73.0	77.9	82.9	85.6	87.3	90.6	92.9	93.9	95.5	96.6	96.8	97.
GE 000	69.5	73.0	77.9	82.9	85.6	87.3	90.6	92.9	93.9	95.5	96.6	96.8	97.

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH
T) UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	34.5	35.1	35.6	36.4	36.5	36.5	37.0	37.1	37.1	37.1	37.1	37.1	37.3
	37.3	37.5	37.9	38.8	38.9	38.9	39.3	39.5	39.5	39.5	39.5	39.5	39.7
	37.3	37.5	38.0	38.9	39.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.8
	37.3	37.6	38.0	38.9	39.0	39.0	39.5	39.6	39.6	39.6	39.6	39.6	39.8
	37.2	37.8	38.3	39.1	39.2	39.2	39.7	39.8	39.8	39.8	39.8	39.8	40.0
	37.6	37.9	38.4	39.2	39.3	39.3	39.8	39.9	39.9	39.9	39.9	39.9	40.2
	39.3	39.3	39.8	40.6	40.8	40.8	41.2	41.3	41.3	41.3	41.3	41.3	41.6
	41.3	41.3	41.8	42.6	42.8	42.8	43.2	43.3	43.3	43.3	43.3	43.3	43.6
	45.2	45.9	46.4	47.2	47.3	47.3	47.8	47.9	47.9	47.9	47.9	47.9	48.2
	46.5	47.2	47.7	48.5	48.6	48.6	49.1	49.2	49.2	49.2	49.2	49.2	49.5
	47.9	47.7	48.2	49.1	49.2	49.2	49.7	49.8	49.8	49.8	49.8	49.8	50.1
	49.4	49.2	49.7	50.6	50.8	50.8	51.2	51.4	51.4	51.4	51.4	51.4	51.6
	51.0	51.8	52.3	53.2	53.4	53.4	53.8	53.9	53.9	53.9	53.9	53.9	54.2
	57.4	57.4	57.8	59.0	59.1	59.1	59.6	59.7	59.7	59.7	59.7	59.7	60.0
	58.2	59.1	59.6	60.8	60.9	60.9	61.4	61.5	61.5	61.5	61.5	61.5	61.7
	64.0	64.2	64.8	66.0	66.1	66.1	66.5	66.7	66.7	66.7	66.7	66.7	66.9
	67.8	68.6	69.3	70.7	70.8	70.8	71.3	71.4	71.4	71.4	71.4	71.4	71.6
	71.0	71.8	72.6	74.1	74.2	74.2	74.7	74.9	74.9	74.9	74.9	74.9	75.1
	71.1	72.6	73.3	74.8	74.9	74.9	75.4	75.6	75.6	75.6	75.6	75.7	76.0
	76.1	77.9	78.6	80.4	80.8	80.8	81.3	81.5	81.5	81.5	81.5	81.6	81.9
	78.7	80.4	81.2	83.4	83.9	84.0	84.7	84.9	84.9	84.9	84.9	85.2	85.4
	84.5	81.5	82.4	84.8	85.3	85.4	86.1	86.3	86.3	86.3	86.3	86.6	86.8
	87.4	82.8	83.7	86.2	86.9	87.3	88.0	88.3	88.3	88.3	88.3	88.6	88.8
	81.2	83.6	84.7	87.2	88.0	88.3	89.0	89.4	89.4	89.4	89.4	89.6	89.9
	81.4	84.0	85.4	88.1	89.0	89.4	90.2	90.8	90.8	90.8	90.8	91.0	91.3
	82.2	84.8	86.3	89.4	90.7	91.3	92.3	92.9	92.9	92.9	92.9	93.2	93.4
	84.4	85.3	86.9	90.1	91.9	92.7	93.8	94.5	94.7	94.7	94.7	95.1	95.6
	85.4	85.6	87.3	90.6	92.7	93.6	94.8	95.5	95.8	96.1	96.1	96.5	97.2
	85.9	85.6	87.3	90.6	92.8	93.8	95.2	95.9	96.1	96.5	96.5	96.9	97.8
	85.9	85.6	87.3	90.6	92.9	93.9	95.5	96.6	96.8	97.2	97.2	97.8	98.8
	85.9	85.6	87.3	90.6	92.9	93.9	95.5	96.6	96.8	97.4	97.4	98.1	100.0
	85.9	85.6	87.3	90.6	92.9	93.9	95.5	96.6	96.8	97.4	97.4	98.1	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: FEB HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	26.6	27.9	29.6	31.0	32.5	32.6	33.2	33.5	33.5	33.5	33.7	33.7	33.8
GE 20000	29.7	31.2	32.9	34.4	35.9	36.0	36.6	36.9	36.9	36.9	37.1	37.1	37.2
GE 18000	29.7	31.2	32.9	34.5	36.0	36.2	36.7	37.0	37.0	37.0	37.2	37.2	37.3
GE 16000	29.7	31.2	32.9	34.5	36.0	36.2	36.7	37.0	37.0	37.0	37.2	37.2	37.3
GE 14000	29.8	31.3	33.0	34.6	36.2	36.3	36.9	37.1	37.1	37.1	37.3	37.3	37.5
GE 12000	30.0	31.6	33.3	35.1	36.6	36.7	37.3	37.6	37.6	37.6	37.8	37.8	37.9
GE 10000	32.0	33.7	35.6	37.3	39.0	39.1	39.7	39.9	39.9	40.0	40.3	40.3	40.4
GE 9000	33.0	34.7	36.6	38.4	40.0	40.2	40.8	41.0	41.0	41.1	41.3	41.3	41.5
GE 8000	36.6	36.5	40.4	42.3	44.1	44.2	44.8	45.0	45.0	45.1	45.3	45.3	45.5
GE 7000	38.0	39.9	41.8	43.9	45.7	45.8	46.4	46.6	46.6	46.8	47.0	47.0	47.1
GE 6000	38.3	40.3	42.4	44.5	46.3	46.4	47.0	47.2	47.2	47.3	47.6	47.6	47.7
GE 5000	39.9	42.5	44.3	46.9	48.6	48.8	49.4	49.6	49.6	49.7	49.9	49.9	50.1
GE 4500	41.5	44.4	46.6	48.3	50.5	50.6	51.2	51.5	51.5	51.6	51.8	51.8	51.9
GE 4000	45.3	47.9	50.4	52.8	54.5	54.8	55.4	55.7	55.7	56.2	56.4	56.4	56.5
GE 3500	47.0	49.6	52.3	54.9	56.9	57.2	58.0	58.3	58.3	58.8	59.0	59.0	59.1
GE 3000	50.5	53.2	56.4	59.0	61.1	61.5	62.7	63.0	63.0	63.5	63.7	63.7	64.0
GE 2500	53.5	56.3	59.7	62.8	65.0	65.5	66.7	67.0	67.0	67.5	67.7	67.7	68.0
GE 2000	56.2	59.1	63.1	66.9	69.6	70.2	71.6	72.1	72.1	72.6	72.8	72.8	73.0
GE 1800	56.7	60.0	64.1	68.0	70.7	71.3	72.7	73.1	73.1	73.6	73.9	73.9	74.1
GE 1500	59.1	62.9	67.3	71.3	74.7	75.3	76.8	77.4	77.5	78.2	78.6	78.6	78.9
GE 1200	61.2	65.0	70.0	74.3	77.9	78.4	80.4	81.4	81.5	82.2	82.6	82.6	83.0
GE 1000	62.0	66.8	71.8	75.7	79.3	80.1	82.3	83.4	83.5	84.6	84.9	84.9	85.4
GE 900	62.1	66.5	71.7	76.2	79.9	80.8	83.0	84.5	84.6	85.7	86.1	86.1	86.6
GE 800	62.1	66.5	72.1	76.7	80.4	81.4	83.9	85.4	85.5	86.7	87.0	87.0	87.5
GE 700	62.2	66.9	72.3	77.0	80.8	82.1	84.7	86.3	86.5	87.8	88.5	88.6	89.3
GE 600	62.3	67.3	72.8	77.7	81.6	82.9	85.5	87.4	87.5	88.9	89.6	89.8	90.5
GE 500	62.4	67.4	73.0	78.2	82.2	83.6	86.3	88.5	88.7	90.1	90.8	90.9	91.8
GE 400	62.5	67.5	73.4	78.7	83.0	84.7	87.4	89.9	90.3	92.1	92.9	93.2	94.1
GE 300	62.5	67.6	73.4	78.7	83.0	84.7	87.6	90.1	90.7	92.7	93.8	94.0	94.9
GE 200	62.5	67.6	73.4	78.7	83.0	84.7	87.6	90.2	90.8	93.2	94.3	94.6	95.9
GE 100	62.5	67.6	73.4	78.7	83.0	84.7	87.6	90.2	90.8	93.2	94.6	94.8	96.2
GE 000	62.5	67.6	73.4	78.7	83.0	84.7	87.6	90.2	90.8	93.2	94.6	94.8	96.2

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: FEB HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	31.0	32.5	32.6	33.2	33.5	33.5	33.5	33.7	33.7	33.8	33.8	34.0	34.2
	34.4	35.9	36.0	36.6	36.9	36.9	36.9	37.1	37.1	37.2	37.2	37.5	37.6
	34.5	36.0	36.2	36.7	37.0	37.0	37.0	37.2	37.2	37.3	37.3	37.6	37.7
	34.5	36.0	36.2	36.7	37.0	37.0	37.0	37.2	37.2	37.3	37.3	37.6	37.7
	34.6	36.2	36.3	36.9	37.1	37.1	37.1	37.3	37.3	37.5	37.5	37.7	37.8
	35.1	36.6	36.7	37.3	37.6	37.6	37.6	37.8	37.8	37.9	37.9	38.2	38.3
	37.3	39.0	39.1	39.7	39.9	39.9	40.0	40.3	40.3	40.4	40.4	40.6	40.8
	.4	40.0	40.2	40.8	41.0	41.0	41.1	41.3	41.3	41.5	41.5	41.7	41.8
	42.3	44.1	44.2	44.8	45.0	45.0	45.1	45.3	45.3	45.5	45.5	45.7	45.8
	43.9	45.7	45.8	46.4	46.6	46.6	46.8	47.0	47.0	47.1	47.1	47.3	47.5
	44.5	46.3	46.4	47.0	47.2	47.2	47.3	47.6	47.6	47.7	47.7	47.9	48.1	
	48.3	48.6	48.8	49.4	49.6	49.6	49.7	49.9	49.9	50.1	50.1	50.3	50.4
	50.3	50.5	50.6	51.2	51.5	51.5	51.6	51.8	51.8	51.9	51.9	52.2	52.3
	54.3	54.5	54.8	55.4	55.7	55.7	56.2	56.4	56.4	56.5	56.5	56.8	56.9
	56.9	56.9	57.2	58.0	58.3	58.3	58.8	59.0	59.0	59.1	59.1	59.4	59.5
	63.0	61.1	61.5	62.7	63.0	63.0	63.5	63.7	63.7	64.0	64.0	64.2	64.3
	67.3	65.0	65.5	66.7	67.0	67.0	67.5	67.7	67.7	68.0	68.0	68.2	68.3
	72.3	69.6	70.2	71.6	72.1	72.1	72.6	72.8	72.8	73.0	73.0	73.3	73.4
	73.9	70.7	71.3	72.7	73.1	73.1	73.6	73.9	73.9	74.1	74.1	74.3	74.4
	81.3	74.7	75.3	76.8	77.4	77.5	78.2	78.6	78.6	79.0	79.2	79.4	79.9
	77.3	77.9	78.4	80.4	81.4	81.5	82.2	82.6	82.6	83.0	83.2	83.4	83.9
	.7	79.3	80.1	82.3	83.4	83.5	84.6	84.9	84.9	85.4	85.5	85.7	86.2
	.2	79.9	80.8	83.0	84.5	84.6	85.7	86.1	86.1	86.6	86.7	86.9	87.4
	.7	80.4	81.4	83.9	85.4	85.5	86.7	87.0	87.0	87.5	87.6	87.9	88.3
	7.0	80.8	82.1	84.7	86.3	86.5	87.8	88.5	88.6	89.3	89.4	89.6	90.1
	7.7	81.6	82.9	85.5	87.4	87.5	88.9	89.6	89.8	90.5	90.6	91.0	91.5
	.2	82.2	83.6	86.3	88.5	88.7	90.1	90.8	90.9	91.8	91.9	92.8	93.3
	.7	83.0	84.7	87.4	89.9	90.3	92.1	92.9	93.2	94.1	94.2	95.4	95.9
	.7	83.0	84.7	87.6	90.1	90.7	92.7	93.8	94.0	94.9	95.1	96.5	97.1
	.7	83.0	84.7	87.6	90.2	90.8	93.2	94.3	94.6	95.9	96.2	98.2	99.2
	.7	83.0	84.7	87.6	90.2	90.8	93.2	94.6	94.8	96.2	96.6	98.7	100.0
	.7	83.0	84.7	87.6	90.2	90.8	93.2	94.6	94.8	96.2	96.6	98.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: FEB HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	25.6	27.4	29.3	30.6	31.7	32.0	32.7	33.0	33.0	33.2	33.3	33.3	33.3
GE 20000	29.8	32.2	34.4	36.4	37.5	37.8	38.6	38.9	38.9	39.2	39.3	39.3	39.3
GE 18000	30.0	32.4	34.6	36.6	37.7	38.0	38.9	39.1	39.1	39.5	39.6	39.6	39.6
GE 16000	30.0	32.4	34.6	36.6	37.7	38.0	38.9	39.1	39.1	39.5	39.6	39.6	39.6
GE 14000	30.0	32.5	34.9	37.1	38.2	38.5	39.3	39.6	39.6	39.9	40.0	40.0	40.0
GE 12000	30.9	33.5	35.9	38.2	39.2	39.6	40.4	40.6	40.6	41.0	41.1	41.1	41.1
GE 10000	33.0	35.8	38.5	40.8	42.0	42.4	43.2	43.5	43.5	43.8	43.9	43.9	43.9
GE 9000	33.2	36.0	38.9	41.2	42.5	42.9	43.7	44.1	44.1	44.4	44.5	44.5	44.5
GE 8000	36.2	39.0	42.3	44.6	45.9	46.3	47.2	47.6	47.6	47.9	48.1	48.1	48.1
GE 7000	37.0	39.9	43.2	45.6	46.9	47.2	48.2	48.5	48.5	48.9	49.0	49.0	49.0
GE 6000	37.5	40.6	44.1	46.5	47.8	48.2	49.1	49.5	49.5	49.8	49.9	49.9	49.9
GE 5000	39.3	42.8	46.3	48.9	50.3	50.6	51.7	52.2	52.2	52.7	52.9	52.9	52.9
GE 4500	41.1	44.6	48.2	50.8	52.3	52.7	53.7	54.2	54.2	54.7	54.9	54.9	54.9
GE 4000	43.5	47.0	50.8	53.7	55.6	55.9	57.0	57.5	57.5	58.0	58.2	58.2	58.2
GE 3500	44.5	48.2	52.1	55.2	57.2	57.6	58.7	59.1	59.1	59.6	59.8	59.8	59.8
GE 3000	47.7	51.6	55.5	58.8	60.8	61.1	62.3	63.0	63.0	63.5	63.7	63.7	63.7
GE 2500	50.1	54.1	58.4	62.0	64.0	64.3	66.1	66.8	66.8	67.3	67.5	67.5	67.5
GE 2000	52.9	57.7	62.5	67.1	69.6	70.0	72.1	73.0	73.0	73.6	73.9	73.9	73.9
GE 1800	53.4	58.2	63.0	67.6	70.1	70.4	72.7	73.6	73.6	74.2	74.4	74.4	74.4
GE 1500	56.4	61.7	66.8	71.8	75.0	75.7	78.8	80.1	80.3	81.6	81.9	81.9	82.0
GE 1200	57.2	63.0	68.3	73.6	77.0	77.7	81.4	82.8	83.2	84.7	84.9	84.9	85.0
GE 1000	57.5	63.6	69.4	74.3	78.7	79.5	83.4	85.3	85.7	87.5	87.9	88.0	88.1
GE 900	57.6	63.7	69.6	75.0	79.2	80.1	84.2	86.7	87.2	88.9	89.6	89.9	90.0
GE 800	57.6	63.8	70.2	75.7	79.9	80.9	85.6	88.2	88.7	90.5	91.2	91.4	91.5
GE 700	57.6	63.8	70.2	75.9	80.0	81.2	85.9	88.6	89.0	90.9	92.1	92.6	92.7
GE 600	57.7	64.0	70.3	76.2	80.6	81.7	86.5	89.3	89.8	91.6	92.8	93.3	93.4
GE 500	57.7	64.0	70.3	76.3	80.9	82.1	86.8	89.9	90.3	92.6	93.9	94.3	94.7
GE 400	57.7	64.0	70.3	76.3	81.0	82.6	87.6	91.0	91.5	93.9	95.2	95.6	96.2
GE 300	57.7	64.0	70.3	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	96.9
GE 200	57.7	64.0	70.3	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3
GE 100	57.7	64.0	70.3	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3
GE 000	57.7	64.0	70.3	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T) UTC: + 5 MONTH: FEB HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	30.5	31.7	32.0	32.7	33.0	33.0	33.2	33.3	33.3	33.3	33.5	33.6	33.6
	36.4	37.5	37.8	38.6	38.9	38.9	39.2	39.3	39.3	39.3	39.5	39.6	39.6
	36.5	37.7	38.0	38.9	39.1	39.1	39.5	39.6	39.6	39.6	39.7	39.8	39.8
	36.6	37.7	38.0	38.9	39.1	39.1	39.5	39.6	39.6	39.6	39.7	39.8	39.8
	37.1	38.2	38.5	39.3	39.6	39.6	39.9	40.0	40.0	40.0	40.2	40.3	40.3
	38.2	39.2	39.6	40.4	40.6	40.6	41.0	41.1	41.1	41.1	41.2	41.3	41.3
	40.8	42.0	42.4	43.2	43.5	43.5	43.8	43.9	43.9	43.9	44.1	44.2	44.2
	41.2	42.5	42.9	43.7	44.1	44.1	44.4	44.5	44.5	44.5	44.6	44.8	44.8
	44.6	45.9	46.3	47.2	47.6	47.6	47.9	48.1	48.1	48.1	48.2	48.3	48.3
	45.6	46.9	47.2	48.2	48.5	48.5	48.9	49.0	49.0	49.0	49.1	49.2	49.2
	46.5	47.8	48.2	49.1	49.5	49.5	49.8	49.9	49.9	49.9	50.1	50.2	50.2
	49.3	50.3	50.6	51.7	52.2	52.2	52.7	52.9	52.9	52.9	53.0	53.1	53.1
	51.3	52.3	52.7	53.7	54.2	54.2	54.7	54.9	54.9	54.9	55.0	55.1	55.1
	53.7	55.6	55.9	57.0	57.5	57.5	58.0	58.2	58.2	58.2	58.3	58.4	58.4
	55.2	57.2	57.6	58.7	59.1	59.1	59.6	59.8	59.8	59.8	60.0	60.1	60.1
	58.8	60.8	61.1	62.3	63.0	63.0	63.5	63.7	63.7	63.7	63.8	64.0	64.0
	62.0	64.0	64.3	65.1	66.8	66.8	67.3	67.5	67.5	67.5	67.6	67.7	67.7
	67.1	69.6	70.0	72.1	73.0	73.0	73.6	73.9	73.9	73.9	74.0	74.2	74.2
	67.6	70.1	70.4	72.7	73.6	73.6	74.2	74.4	74.4	74.4	74.6	74.8	74.8
	71.8	75.0	75.7	78.8	80.1	80.3	81.6	81.9	81.9	82.0	82.1	82.3	82.4
	73.5	77.0	77.7	81.4	82.8	83.2	84.7	84.9	84.9	85.0	85.2	85.4	85.5
	74.3	78.7	79.5	83.4	85.3	85.7	87.5	87.9	88.0	88.1	88.3	88.6	88.7
	75.0	79.2	80.1	84.2	86.7	87.2	88.9	89.6	89.9	90.0	90.2	90.5	90.6
	75.7	79.9	80.9	85.6	88.2	88.7	90.5	91.2	91.4	91.5	91.8	92.0	92.1
	75.9	80.0	81.2	85.9	88.6	89.0	90.9	92.1	92.6	92.7	92.9	93.2	93.3
	76.2	80.5	81.7	86.5	89.3	89.8	91.6	92.8	93.3	93.4	93.6	93.9	94.0
	76.3	80.9	82.1	86.8	89.9	90.3	92.6	93.9	94.3	94.7	95.4	95.8	95.9
	76.3	81.0	82.6	87.6	91.0	91.5	93.9	95.2	95.6	96.2	96.9	97.3	97.4
	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	96.9	98.0	98.6	98.7
	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3	98.5	99.4	99.6
	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3	98.5	99.4	100.0
	76.3	81.0	82.6	87.6	91.0	91.5	94.1	95.5	96.0	97.3	98.5	99.4	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILIT
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: FEB HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	27.0	29.2	30.3	30.7	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4
GE 20000	33.9	36.1	37.6	38.0	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8
GE 18000	34.4	36.9	38.2	38.6	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3
GE 16000	34.5	37.0	38.3	38.8	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5
GE 14000	34.9	37.3	38.9	39.5	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2
GE 12000	35.8	38.3	39.9	40.5	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3
GE 10000	37.3	40.3	41.9	42.5	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5
GE 9000	38.4	40.9	42.5	43.1	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 8000	40.5	43.2	45.0	45.6	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.6
GE 7000	41.0	43.8	45.8	46.5	47.3	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6
GE 6000	41.1	43.9	45.9	46.6	47.5	47.5	47.6	47.7	47.7	47.8	47.8	47.8	47.8
GE 5000	43.0	46.1	48.1	48.8	49.6	49.6	49.7	49.8	49.8	49.9	50.1	50.2	50.2
GE 4500	43.9	47.0	49.0	49.7	50.5	50.5	50.6	50.8	50.8	50.9	51.0	51.1	51.1
GE 4000	46.8	50.1	52.3	53.4	54.4	54.5	54.7	54.8	54.8	54.9	55.0	55.1	55.1
GE 3500	47.9	51.4	53.7	54.8	55.9	56.2	56.4	56.5	56.5	56.7	56.8	56.9	56.9
GE 3000	51.2	55.0	57.8	59.2	60.9	61.2	61.6	61.7	61.7	61.8	62.0	62.1	62.1
GE 2500	55.3	60.2	63.1	64.8	66.5	67.1	67.7	68.0	68.0	68.2	68.3	68.4	68.4
GE 20	59.7	63.5	67.1	69.1	71.6	72.3	73.1	73.4	73.4	73.7	73.9	74.0	74.0
GE 1800	61.2	65.4	68.7	70.7	73.3	74.0	74.9	75.1	75.1	75.5	75.6	75.7	75.7
GE 1500	64.9	70.0	73.0	76.6	79.9	81.0	82.0	82.3	82.3	82.7	82.8	82.9	83.0
GE 1200	66.1	71.8	76.2	79.2	83.2	84.5	86.0	86.6	86.6	86.9	87.0	87.2	87.6
GE 1000	66.4	72.6	77.1	80.3	85.0	86.6	88.3	89.0	89.2	89.6	89.9	90.1	90.8
GE 900	66.4	72.6	77.1	80.4	85.2	86.8	88.6	89.4	89.5	90.0	90.8	91.0	91.8
GE 800	66.8	72.9	77.6	81.2	86.5	88.5	90.5	91.5	91.6	92.2	93.3	93.5	94.2
GE 700	66.8	72.9	77.6	81.4	86.8	88.8	91.2	92.6	92.8	93.5	94.8	95.1	95.8
GE 600	67.0	73.1	77.9	81.6	87.3	89.3	91.6	93.3	93.5	94.3	95.8	96.0	97.1
GE 500	67.0	73.1	77.9	81.6	87.3	89.3	92.0	94.1	94.3	95.3	96.8	97.2	98.2
GE 400	67.0	73.1	77.9	81.6	87.3	89.6	92.3	94.5	94.7	95.8	97.4	97.8	98.8
GE 300	67.0	73.1	77.9	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6
GE 200	67.0	73.1	77.9	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6
GE 100	67.0	73.1	77.9	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6
GE 000	67.0	73.1	77.9	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 — MONTH: FEB HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	30.7	31.3	31.3	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4	31.4
	38.0	38.6	38.6	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
	38.6	39.2	39.2	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3	39.3
	38.8	39.3	39.3	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5	39.5
	39.5	40.0	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
	40.5	41.2	41.2	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3	41.3
	42.5	43.3	43.3	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
	43.1	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
	45.5	46.4	46.4	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.6	46.6
	46.5	47.3	47.3	47.5	47.5	47.5	47.6	47.6	47.6	47.6	47.6	47.6	47.6
	46.6	47.5	47.5	47.6	47.7	47.7	47.8	47.8	47.8	47.8	47.8	47.8	47.8
	48.8	49.6	49.6	49.7	49.8	49.8	49.9	50.1	50.2	50.2	50.2	50.2	50.2
	49.7	50.5	50.5	50.6	50.8	50.8	50.9	51.0	51.1	51.1	51.1	51.1	51.1
	53.4	54.4	54.5	54.7	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1
	54.8	55.9	56.2	56.4	56.5	56.5	56.7	56.8	56.9	56.9	56.9	56.9	56.9
	59.2	60.9	61.2	61.6	61.7	61.7	61.8	62.0	62.1	62.1	62.1	62.1	62.1
	64.3	66.5	67.1	67.7	68.0	68.0	68.2	68.3	68.4	68.4	68.4	68.4	68.4
	69.1	71.6	72.3	73.1	73.4	73.4	73.7	73.9	74.0	74.0	74.0	74.0	74.0
	70.7	73.3	74.0	74.9	75.1	75.1	75.5	75.6	75.7	75.7	75.7	75.7	75.7
	76.5	79.9	81.0	82.0	82.3	82.3	82.7	82.8	82.9	83.0	83.0	83.0	83.0
	79.2	83.2	84.5	86.0	86.6	86.6	86.9	87.0	87.2	87.6	87.6	87.6	87.6
	80.3	85.0	86.6	88.3	89.0	89.2	89.6	89.9	90.1	90.8	90.8	90.8	90.8
	80.4	85.2	86.8	88.6	89.4	89.5	90.0	90.3	91.0	91.8	91.8	91.8	91.8
	81.2	86.5	88.5	90.5	91.5	91.6	92.2	93.3	93.5	94.2	94.2	94.2	94.2
	81.4	86.8	88.8	91.2	92.6	92.8	93.5	94.8	95.1	95.8	95.8	95.8	95.8
	81.6	87.3	89.3	91.6	93.3	93.5	94.3	95.8	96.0	97.1	97.1	97.2	97.2
	81.6	87.3	89.3	92.0	94.1	94.3	95.3	96.8	97.2	98.2	98.2	98.4	98.4
	81.6	87.3	89.6	92.3	94.5	94.7	95.8	97.4	97.8	98.8	98.8	99.1	99.1
	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6	99.6	99.9	99.9
	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6	99.6	99.9	99.9
	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6	99.6	99.9	100.0
	81.6	87.3	89.6	92.5	94.6	94.8	96.0	98.0	98.5	99.6	99.6	99.9	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILIT
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: FEB HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	29.2	30.4	30.6	31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
GE 20000	35.1	36.3	36.5	37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
GE 18000	35.2	36.9	37.2	37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 16000	35.2	36.9	37.2	37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
GE 14000	35.5	37.1	37.5	38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
GE 12000	36.6	38.3	38.6	39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
GE 10000	39.6	41.2	41.7	42.5	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
GE 9000	40.4	42.0	42.5	43.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
GE 8000	43.6	45.2	45.8	46.6	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7
GE 7000	44.9	46.5	47.1	47.9	48.8	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.0
GE 6000	45.1	46.8	47.3	48.2	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.4	49.4
GE 5000	46.3	48.5	49.1	49.9	50.9	50.9	50.9	51.0	51.1	51.2	51.2	51.2	51.2
GE 4500	47.5	49.4	49.9	50.8	51.7	51.7	51.7	51.8	51.9	52.1	52.1	52.1	52.1
GE 4000	49.9	51.7	52.9	53.7	54.7	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1
GE 3500	52.4	54.5	55.6	56.7	57.6	57.7	57.8	58.0	58.1	58.2	58.2	58.2	58.2
GE 3000	57.7	60.1	61.7	62.5	63.6	63.8	64.0	64.1	64.2	64.4	64.4	64.4	64.4
GE 2500	62.4	65.1	67.6	68.8	70.0	70.2	70.3	70.9	71.0	71.3	71.3	71.3	71.3
GE 2000	68.0	71.6	74.3	76.7	77.9	78.2	78.3	79.0	79.2	79.6	79.9	79.9	79.9
GE 1800	68.9	72.6	75.7	77.6	78.8	79.2	79.3	80.0	80.1	80.7	80.9	80.9	80.9
GE 1500	71.7	76.2	80.1	82.9	84.8	85.5	85.9	86.6	86.8	87.4	87.6	87.6	87.6
GE 1200	72.2	76.9	81.4	84.9	87.5	88.3	88.9	89.8	90.0	90.6	90.8	90.8	90.8
GE 1000	72.2	76.9	81.7	85.5	88.3	89.3	90.3	91.3	91.5	92.2	92.7	92.7	92.7
GE 900	72.2	76.9	81.7	85.7	88.7	89.6	90.7	91.6	91.9	92.6	93.1	93.1	93.1
GE 800	72.4	77.1	82.3	86.6	89.8	90.8	92.1	93.1	93.3	94.1	94.6	94.6	94.6
GE 700	72.4	77.3	82.4	86.7	89.9	91.0	92.3	93.5	93.8	94.6	95.1	95.2	95.2
GE 600	72.7	77.5	82.7	86.9	90.5	91.6	92.9	94.3	94.6	95.4	96.0	96.1	96.2
GE 500	72.7	77.5	82.7	86.9	90.5	91.6	92.9	94.7	94.9	95.9	96.8	96.9	97.2
GE 400	72.7	77.5	82.7	86.9	90.5	91.8	93.2	94.9	95.3	96.6	97.6	97.9	98.1
GE 300	72.7	77.5	82.7	86.9	90.5	91.8	93.2	94.9	95.3	96.6	97.9	98.1	98.4
GE 200	72.7	77.5	82.7	86.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7
GE 100	72.7	77.5	82.7	86.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7
GE 000	72.7	77.5	82.7	86.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7

TOTAL NUMBER OF OBSERVATIONS 849

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH
TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB HOURS: 15-17

	VISIBILITY IN STATUTE MILES											
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
31.1	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3	31.3
37.2	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6	37.6
37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
37.9	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3	38.3
38.2	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5	38.5
39.5	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8	39.8
42.6	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
43.3	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9	43.9
46.6	47.5	47.5	47.5	47.6	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7
47.9	48.8	48.8	48.8	48.9	48.9	49.0	49.0	49.0	49.0	49.0	49.0	49.0
48.2	49.1	49.1	49.1	49.2	49.2	49.4	49.4	49.4	49.4	49.4	49.4	49.4
49.9	50.9	50.9	50.9	51.0	51.1	51.2	51.2	51.2	51.2	51.2	51.2	51.2
50.8	51.7	51.7	51.7	51.8	51.9	52.1	52.1	52.1	52.1	52.1	52.1	52.1
53.7	54.7	54.8	54.8	54.9	55.0	55.1	55.1	55.1	55.1	55.1	55.1	55.1
56.7	57.6	57.7	57.8	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2
62.5	63.6	63.8	64.0	64.1	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4
69.8	70.0	70.2	70.3	70.9	71.0	71.3	71.3	71.3	71.3	71.3	71.4	71.4
76.7	77.9	78.2	78.3	79.0	79.2	79.6	79.9	79.9	79.9	79.9	80.0	80.0
77.5	78.8	79.2	79.3	80.0	80.1	80.7	80.9	80.9	80.9	80.9	81.0	81.0
82.9	84.8	85.5	85.9	86.6	86.8	87.4	87.6	87.6	87.6	87.6	87.8	87.8
84.9	87.5	88.3	88.9	89.8	90.0	90.6	90.8	90.8	90.8	90.8	90.9	90.9
85.5	88.3	89.3	90.3	91.3	91.5	92.2	92.7	92.7	92.7	92.7	92.9	92.9
85.7	88.7	89.6	90.7	91.6	91.9	92.6	93.1	93.1	93.1	93.2	93.5	93.5
85.6	88.8	90.8	92.1	93.1	93.3	94.1	94.6	94.6	94.6	94.7	95.4	95.4
85.7	88.9	91.0	92.3	93.5	93.8	94.6	95.1	95.2	95.2	95.3	96.0	96.0
85.9	90.5	91.6	92.9	94.3	94.6	95.4	96.0	96.1	96.2	96.3	97.2	97.2
86.2	90.5	91.6	92.9	94.7	94.9	95.9	96.8	96.9	97.2	97.3	98.1	98.1
86.3	90.5	91.8	93.2	94.9	95.3	96.6	97.6	97.9	98.1	98.2	99.2	99.2
86.9	90.5	91.8	93.2	94.9	95.3	96.6	97.9	98.1	98.4	98.6	99.5	99.5
86.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7	98.9	100.0	100.0
86.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7	98.9	100.0	100.0
86.9	90.5	91.8	93.2	94.9	95.3	96.7	98.2	98.5	98.7	98.9	100.0	100.0

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR
LST TO UTC: + 5 — MONTH: FEB HOURS: 18-

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	
NO CEIL	34.5	35.8	36.5	36.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37
GE 20000	38.6	39.9	40.6	41.3	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41
GE 18000	39.2	40.5	41.2	41.9	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42
GE 16000	39.2	40.5	41.2	41.9	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42
GE 14000	39.8	41.1	41.9	42.7	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43
GE 12000	41.0	42.3	43.2	44.0	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44
GE 10000	42.9	44.2	45.2	46.0	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46
GE 9000	43.6	44.9	46.0	46.9	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47
GE 8000	46.4	47.8	49.0	49.8	50.3	50.3	50.3	50.3	50.4	50.5	50.6	50.6	50
GE 7000	47.9	49.4	50.5	51.4	51.9	51.9	51.9	51.9	52.1	52.2	52.3	52.3	52
GE 6000	48.2	49.9	51.2	52.1	52.7	52.7	52.7	52.7	52.9	53.0	53.1	53.1	53
GE 5000	50.8	52.5	54.0	54.8	55.4	55.4	55.4	55.4	55.6	55.7	55.8	55.8	55
GE 4500	52.3	54.2	55.6	56.4	57.0	57.0	57.0	57.0	57.3	57.4	57.5	57.5	57
GE 4000	54.5	56.4	58.0	58.8	59.5	59.5	59.5	59.5	59.7	59.9	60.0	60.0	60
GE 3500	56.2	58.2	59.9	60.7	61.4	61.4	61.4	61.4	61.6	61.7	61.9	61.9	61
GE 3000	59.5	61.6	64.1	65.2	66.1	66.2	66.2	66.2	66.5	66.6	66.7	66.7	66
GE 2500	63.2	65.6	68.9	70.4	71.4	71.8	71.9	72.3	72.5	72.6	72.8	72.8	72
GE 2000	67.3	70.6	74.5	76.6	78.3	78.7	79.3	79.7	80.2	80.3	80.5	80.5	80
GE 1800	68.0	71.3	75.3	77.8	79.5	80.0	80.6	81.0	81.5	81.6	81.8	81.9	81
GE 1500	69.7	73.0	77.7	80.5	83.0	83.6	84.4	85.4	85.8	86.0	86.2	86.3	84
GE 1200	70.1	73.4	78.3	81.9	84.9	85.5	86.9	88.5	89.0	89.1	89.4	89.5	89
GE 1000	70.4	73.8	78.6	82.6	85.7	86.4	88.2	90.1	90.6	90.7	91.0	91.1	91
GE 900	70.4	73.8	78.6	82.6	85.8	86.8	88.5	90.4	91.0	91.1	91.5	91.6	91
GE 800	70.8	74.3	79.1	83.2	86.9	88.0	90.0	92.0	92.6	92.8	93.2	93.4	93
GE 700	70.8	74.3	79.1	83.2	86.9	88.0	90.8	92.9	93.5	93.7	94.1	94.3	94
GE 600	70.8	74.3	79.1	83.2	86.9	88.1	91.1	93.3	94.0	94.2	94.6	94.8	95
GE 500	70.8	74.3	79.1	83.2	86.9	88.1	91.4	93.5	94.5	94.8	95.4	95.6	96
GE 400	70.8	74.3	79.1	83.2	86.9	88.1	91.5	93.6	94.8	95.5	96.2	96.5	97
GE 300	70.8	74.3	79.1	83.2	86.9	88.1	91.5	93.6	94.8	95.5	96.3	96.6	97
GE 200	70.8	74.3	79.1	83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97
GE 100	70.8	74.3	79.1	83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97
GE 000	70.8	74.3	79.1	83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97

TOTAL NUMBER OF OBSERVATIONS 847

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: FEB HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	36.8	37.0	37.0	37.0	37.0	37.0	37.1	37.1	37.1	37.1	37.1	37.2	37.2
	41.8	41.8	41.8	41.8	41.8	41.8	41.9	41.9	41.9	41.9	41.9	42.0	42.0
	41.9	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.6	42.6
	41.9	42.4	42.4	42.4	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.6	42.6
	42.7	43.2	43.2	43.2	43.2	43.2	43.3	43.3	43.3	43.3	43.3	43.4	43.4
	44.0	44.5	44.5	44.5	44.5	44.5	44.6	44.6	44.6	44.6	44.6	44.7	44.7
	46.0	46.5	46.5	46.5	46.5	46.5	46.6	46.6	46.6	46.6	46.6	46.8	46.8
	46.9	47.3	47.3	47.3	47.3	47.3	47.5	47.5	47.5	47.5	47.5	47.6	47.6
	49.8	50.3	50.3	50.3	50.3	50.4	50.5	50.6	50.6	50.6	50.6	50.8	50.8
	51.4	51.9	51.9	51.9	51.9	52.1	52.2	52.3	52.3	52.3	52.3	52.4	52.4
	52.1	52.7	52.7	52.7	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.2	53.2
	54.8	55.4	55.4	55.4	55.4	55.6	55.7	55.8	55.8	55.8	55.8	56.0	56.0
	56.4	57.0	57.0	57.0	57.0	57.3	57.4	57.5	57.5	57.5	57.5	57.6	57.6
	58.8	59.5	59.5	59.5	59.5	59.7	59.9	60.0	60.0	60.0	60.0	60.1	60.1
	60.7	61.4	61.4	61.4	61.4	61.6	61.7	61.9	61.9	61.9	61.9	62.0	62.0
	65.2	66.1	66.2	66.2	66.2	66.5	66.6	66.7	66.7	66.7	66.7	66.8	66.8
	71.4	71.4	71.8	71.9	72.3	72.5	72.6	72.8	72.8	72.8	72.8	73.0	73.0
	76.6	78.3	78.7	79.3	79.7	80.2	80.3	80.5	80.5	80.5	80.5	80.8	80.8
	77.8	79.5	80.0	80.6	81.0	81.5	81.6	81.8	81.8	81.8	81.8	82.1	82.1
	80.5	83.0	83.6	84.4	85.4	85.8	86.0	86.2	86.3	86.3	86.3	86.5	86.5
	81.9	84.9	85.5	86.9	88.5	89.0	89.1	89.4	89.5	89.5	89.5	89.7	89.7
	82.6	85.7	86.4	88.2	90.1	90.6	90.7	91.0	91.1	91.1	91.1	91.5	91.5
	82.6	85.8	86.8	88.5	90.4	91.0	91.1	91.5	91.6	91.6	91.6	92.0	92.0
	83.2	86.9	88.0	90.0	92.0	92.6	92.8	93.2	93.4	93.5	93.5	93.9	93.9
	83.2	86.9	88.0	90.3	92.9	93.5	93.7	94.1	94.3	94.6	94.6	95.2	95.2
	83.2	86.9	88.1	91.1	93.3	94.0	94.2	94.6	94.8	95.2	95.2	95.7	95.7
	83.2	86.9	88.1	91.4	93.5	94.5	94.8	95.4	95.6	96.5	96.5	97.2	97.2
	83.2	86.9	88.1	91.5	93.6	94.8	95.5	96.2	96.5	97.3	97.3	98.1	98.1
	83.2	86.9	88.1	91.5	93.6	94.8	95.5	96.3	96.6	97.4	97.4	98.5	98.6
	83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97.8	97.8	98.9	99.4
	83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97.9	97.9	99.1	100.0
	83.2	86.9	88.1	91.5	93.6	94.9	95.6	96.6	96.8	97.9	97.9	99.1	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: FEB HOURS: 21

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	33.9	34.9	35.3	35.8	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8
GE 20000	38.5	39.5	40.3	41.0	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4
GE 18000	38.7	39.6	40.4	41.1	42.2	42.4	42.6	42.6	42.6	42.6	42.6	42.6
GE 16000	38.8	39.7	40.5	41.3	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7
GE 14000	39.2	40.2	41.1	41.8	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3
GE 12000	40.9	41.8	42.8	43.5	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9
GE 10000	43.1	44.2	45.2	45.9	46.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3
GE 9000	44.1	45.2	46.1	46.8	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2
GE 8000	45.7	46.8	47.8	48.5	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1
GE 7000	46.8	48.0	49.1	49.8	51.1	51.3	51.4	51.4	51.5	51.7	51.7	51.7
GE 6000	47.4	48.8	50.1	50.9	52.2	52.5	52.6	52.6	52.8	53.0	53.0	53.0
GE 5000	50.4	51.8	53.2	54.0	55.4	55.7	55.8	55.8	56.0	56.1	56.1	56.1
GE 4500	51.8	53.2	54.6	55.4	56.9	57.1	57.2	57.2	57.4	57.6	57.6	57.6
GE 4000	53.9	55.4	56.9	58.0	59.5	59.7	59.8	59.8	60.0	60.2	60.2	60.2
GE 3500	56.6	58.2	59.8	61.0	62.4	62.6	62.8	62.8	63.0	63.1	63.1	63.1
GE 3000	60.3	62.4	64.5	65.7	67.4	67.6	67.7	67.7	68.0	68.1	68.2	68.2
GE 2500	66.2	68.3	70.8	72.2	74.1	74.5	74.9	74.9	75.2	75.3	75.4	75.4
GE 2000	68.4	72.1	74.9	76.4	78.4	78.8	79.4	79.6	79.9	80.0	80.1	80.1
GE 1800	69.0	72.3	75.4	77.1	79.1	79.7	80.3	80.4	80.7	80.9	81.0	81.0
GE 1500	71.6	75.4	79.3	81.3	84.4	85.0	86.1	86.4	86.9	87.0	87.1	87.1
GE 1200	72.7	76.7	80.7	83.7	86.8	87.4	88.7	89.0	89.5	89.6	89.7	89.7
GE 1000	73.3	77.9	81.6	84.5	87.7	88.4	90.0	90.4	90.9	91.0	91.1	91.1
GE 900	73.3	77.9	81.6	84.6	87.8	88.5	90.1	90.7	91.1	91.3	91.4	91.4
GE 800	73.0	77.2	82.0	85.2	88.4	89.1	90.8	91.4	91.8	92.0	92.1	92.1
GE 700	73.0	77.2	82.0	85.2	88.4	89.1	90.9	91.5	92.0	92.1	92.4	92.4
GE 600	73.0	77.3	82.2	85.3	89.0	90.0	92.2	92.8	93.5	93.7	94.1	94.1
GE 500	73.0	77.3	82.2	85.3	89.0	90.1	92.6	93.3	94.0	94.2	94.9	94.9
GE 400	73.0	77.3	82.2	85.3	89.0	90.1	92.8	94.0	94.7	95.2	95.9	95.9
GE 300	73.0	77.3	82.2	85.3	89.0	90.1	92.8	94.0	94.8	95.3	96.3	96.3
GE 200	73.0	77.3	82.2	85.3	89.0	90.1	92.8	94.0	94.8	95.3	96.6	96.6
GE 100	73.0	77.3	82.2	85.3	89.0	90.1	92.8	94.0	94.8	95.3	96.6	96.6
GE 000	73.0	77.3	82.2	85.3	89.0	90.1	92.8	94.0	94.8	95.3	96.7	96.7

TOTAL NUMBER OF OBSERVATIONS 345

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: FEB HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	35.8	36.4	36.6	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8	36.8
	41.0	42.1	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.6	42.6	42.6	42.6
	41.1	42.2	42.4	42.5	42.6	42.6	42.6	42.6	42.6	42.7	42.7	42.7	42.7
	41.3	42.3	42.6	42.7	42.7	42.7	42.7	42.7	42.7	42.8	42.8	42.8	42.8
	41.8	42.9	43.1	43.3	43.3	43.3	43.3	43.3	43.3	43.4	43.4	43.4	43.4
	43.5	44.6	44.8	44.9	44.9	44.9	44.9	44.9	44.9	45.0	45.0	45.0	45.0
	46.9	46.9	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.4	47.4	47.4	47.4
	46.3	47.9	48.1	48.2	48.2	48.2	48.2	48.2	48.2	48.3	48.3	48.3	48.3
	48.5	49.8	50.0	50.1	50.1	50.1	50.1	50.1	50.1	50.2	50.2	50.2	50.2
	49.8	51.1	51.3	51.4	51.4	51.5	51.7	51.7	51.7	51.8	51.8	51.8	51.8
	50.9	52.2	52.5	52.6	52.6	52.8	53.0	53.0	53.0	53.1	53.1	53.1	53.1
	54.0	55.4	55.7	55.8	55.8	56.0	56.1	56.1	56.1	56.3	56.3	56.3	56.3
	55.4	56.9	57.1	57.2	57.2	57.4	57.6	57.6	57.6	57.7	57.7	57.7	57.7
	58.0	59.5	59.7	59.8	59.8	60.0	60.2	60.2	60.2	60.5	60.5	60.5	60.5
	61.0	62.4	62.6	62.8	62.8	63.0	63.1	63.1	63.1	63.5	63.5	63.5	63.5
	66.7	67.4	67.6	67.7	67.7	68.0	68.1	68.2	68.2	68.6	68.6	68.6	68.6
	72.2	74.1	74.5	74.9	74.9	75.2	75.3	75.4	75.4	75.8	75.8	75.8	76.0
	76.4	78.4	78.8	79.4	79.6	79.9	80.0	80.1	80.1	80.5	80.5	80.5	80.7
	77.1	79.1	79.7	80.3	80.4	80.7	80.9	81.0	81.0	81.3	81.3	81.3	81.6
	81.3	84.4	85.0	86.1	86.4	86.9	87.0	87.1	87.1	87.6	87.6	87.7	87.9
	83.7	86.8	87.4	88.7	89.0	89.5	89.6	89.7	89.7	90.2	90.2	90.3	90.5
	84.5	87.7	88.4	90.0	90.4	90.9	91.0	91.1	91.1	91.6	91.6	91.7	92.0
	84.6	87.9	88.5	90.1	90.7	91.1	91.3	91.4	91.4	91.8	91.8	92.0	92.2
	85.2	88.4	89.1	90.8	91.4	91.8	92.0	92.1	92.1	92.6	92.6	92.7	92.9
	85.2	88.4	89.1	90.9	91.5	92.0	92.1	92.4	92.4	92.9	92.9	93.1	93.4
	85.3	89.0	90.0	92.2	92.8	93.5	93.7	94.1	94.1	94.6	94.6	94.8	95.2
	85.3	89.0	90.1	92.6	93.3	94.0	94.2	94.9	94.9	95.7	95.7	96.0	96.5
	85.3	89.0	90.1	92.8	94.0	94.7	95.2	95.9	95.9	96.7	96.7	96.9	97.4
	85.3	89.0	90.1	92.8	94.0	94.9	95.3	96.3	96.3	97.2	97.2	97.6	98.1
	85.3	89.0	90.1	92.8	94.0	94.9	95.3	96.6	96.6	97.6	97.6	98.1	98.8
	85.3	89.0	90.1	92.8	94.0	94.8	95.3	96.6	96.6	97.8	97.8	98.5	99.8
	85.3	89.0	90.1	92.8	94.0	94.8	95.3	96.7	96.7	97.9	97.9	98.6	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: FEB HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	30.3	31.5	32.5	33.2	33.8	34.0	34.4	34.4	34.4	34.6	34.6	34.6	34.
GE 20000	34.6	35.9	37.1	38.0	38.8	38.9	39.3	39.4	39.4	39.5	39.6	39.6	39.
GE 18000	34.8	36.2	37.4	38.3	39.1	39.3	39.6	39.7	39.7	39.8	39.9	39.9	39.
GE 16000	34.8	36.2	37.4	38.3	39.1	39.3	39.6	39.7	39.7	39.9	39.9	39.9	39.
GE 14000	35.1	36.5	37.8	38.8	39.5	39.7	40.1	40.2	40.2	40.3	40.3	40.3	40.
GE 12000	35.9	37.4	38.7	39.7	40.5	40.7	41.1	41.2	41.2	41.3	41.3	41.3	41.
GE 10000	38.1	39.7	41.1	42.1	43.0	43.2	43.5	43.6	43.6	43.7	43.8	43.8	43.
GE 9000	39.1	40.7	42.1	43.2	44.0	44.2	44.6	44.7	44.7	44.8	44.9	44.9	44.
GE 8000	41.9	43.5	45.1	46.1	47.1	47.3	47.7	47.8	47.8	48.0	48.0	48.0	48.
GE 7000	43.1	44.8	46.4	47.5	48.5	48.7	49.0	49.2	49.2	49.4	49.4	49.4	49.
GE 6000	43.4	45.2	46.9	48.1	49.1	49.3	49.7	49.8	49.9	50.0	50.1	50.1	50.
GE 5000	45.5	47.5	49.3	50.4	51.5	51.7	52.1	52.3	52.3	52.5	52.6	52.6	52.
GE 4500	47.2	49.0	50.8	52.0	53.1	53.3	53.7	53.9	53.9	54.1	54.2	54.3	54.
GE 4000	49.9	52.0	54.1	55.6	56.7	57.0	57.4	57.6	57.7	57.9	58.0	58.0	58.
GE 3500	51.7	54.0	56.2	57.7	59.0	59.2	59.7	59.9	60.0	60.2	60.3	60.3	60.
GE 3000	55.5	57.9	60.7	62.4	63.8	64.1	64.7	64.9	65.0	65.2	65.3	65.3	65.
GE 2500	59.4	62.1	65.3	67.3	68.8	69.2	70.0	70.3	70.4	70.6	70.8	70.8	70.
GE 2000	62.8	66.1	69.3	72.3	74.2	74.7	75.6	76.0	76.1	76.5	76.6	76.7	76.
GE 1800	63.4	66.7	70.5	73.1	75.1	75.6	76.6	77.0	77.1	77.5	77.6	77.7	77.
GE 1500	66.3	70.1	74.4	77.5	80.0	80.7	82.0	82.7	82.9	83.4	83.5	83.6	83.
GE 1200	67.5	71.5	76.2	79.8	82.7	83.4	85.2	86.0	86.3	86.8	87.0	87.1	87.
GE 1000	67.8	72.1	77.0	80.8	83.9	84.8	86.6	87.8	88.1	88.7	89.0	89.1	89.
GE 900	67.8	72.2	77.2	81.1	84.4	85.3	87.4	88.6	88.9	89.6	90.0	90.1	90.
GE 800	68.1	72.6	77.8	81.7	85.3	86.4	88.6	89.9	90.3	91.0	91.4	91.5	91.
GE 700	68.1	72.6	77.9	81.9	85.5	86.7	89.2	90.6	91.0	91.8	92.5	92.6	92.
GE 600	68.2	72.9	78.1	82.2	86.0	87.3	90.0	91.6	92.1	92.9	93.6	93.8	94.
GE 500	68.3	72.9	78.1	82.3	86.2	87.6	90.4	92.3	92.8	93.8	94.7	94.9	95.
GE 400	68.3	72.9	78.2	82.5	86.4	87.9	90.9	93.0	93.6	94.9	95.8	96.0	96.
GE 300	68.3	72.9	78.2	82.5	86.4	87.9	90.9	93.0	93.7	95.0	96.2	96.5	97.
GE 200	68.3	72.9	78.2	82.5	86.4	87.9	90.9	93.0	93.7	95.2	96.5	96.8	97.
GE 100	68.3	72.9	78.2	82.5	86.4	87.9	90.9	93.0	93.7	95.2	96.5	96.8	97.
GE 000	68.3	72.9	78.2	82.5	86.4	87.9	90.9	93.0	93.7	95.2	96.5	96.8	97.

TOTAL NUMBER OF OBSERVATIONS 6787

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: FEB HOURS: ALL

CEILING GE	VISIBILITY IN STATUTE MILES GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
33.2	33.8	34.0	34.4	34.4	34.4	34.6	34.6	34.6	34.6	34.6	34.7	34.8
38.0	38.9	38.9	39.3	39.4	39.4	39.5	39.6	39.6	39.6	39.6	39.7	39.7
38.3	39.1	39.3	39.6	39.7	39.7	39.8	39.9	39.9	39.9	39.9	40.0	40.0
38.3	39.1	39.3	39.6	39.7	39.7	39.9	39.9	39.9	39.9	40.0	40.0	40.1
38.3	39.5	39.7	40.1	40.2	40.2	40.3	40.3	40.3	40.4	40.4	40.5	40.5
39.7	40.5	40.7	41.1	41.2	41.2	41.3	41.3	41.3	41.4	41.4	41.4	41.5
42.1	43.0	43.2	43.5	43.5	43.5	43.7	43.8	43.8	43.8	43.8	43.9	44.0
43.2	44.0	44.2	44.5	44.7	44.7	44.8	44.9	44.9	44.9	44.9	45.0	45.0
45.1	47.1	47.3	47.7	47.8	47.8	48.0	48.0	48.0	48.1	48.1	48.2	48.2
47.5	48.5	48.7	49.0	49.2	49.2	49.4	49.4	49.4	49.5	49.5	49.6	49.6
49.1	49.1	49.3	49.7	49.8	49.9	50.0	50.1	50.1	50.1	50.2	50.2	50.3
51.4	51.5	51.7	52.1	52.3	52.3	52.5	52.6	52.6	52.7	52.7	52.8	52.8
53.2	53.1	53.3	53.7	53.9	53.9	54.1	54.2	54.3	54.3	54.3	54.4	54.4
56.4	56.7	57.0	57.4	57.6	57.7	57.9	58.0	58.0	58.1	58.1	58.2	58.2
57.7	59.0	59.2	59.7	59.9	60.0	60.2	60.3	60.3	60.4	60.4	60.5	60.5
63.4	63.5	64.1	64.7	64.9	65.0	65.2	65.3	65.3	65.4	65.4	65.5	65.6
67.3	68.8	69.2	70.0	70.3	70.4	70.5	70.6	70.8	70.9	70.9	71.0	71.1
72.3	74.2	74.7	75.5	76.0	76.1	76.5	76.6	76.7	76.7	76.8	76.9	77.0
74.1	75.1	75.5	76.5	77.0	77.1	77.5	77.6	77.7	77.8	77.9	77.9	78.0
77.5	79.0	80.7	82.0	82.7	82.9	83.4	83.5	83.6	83.7	83.8	83.9	84.1
77.9	82.7	83.4	85.2	86.0	86.3	86.8	87.0	87.1	87.3	87.3	87.5	87.7
87.9	88.9	89.4	89.8	89.9	90.1	90.7	90.9	91.1	91.3	91.4	91.6	91.7
91.1	91.4	91.8	92.4	92.6	92.7	92.9	93.0	93.1	93.3	93.4	93.6	93.8
91.7	92.3	92.6	93.4	93.9	94.1	94.3	94.4	94.5	94.7	94.9	95.1	95.3
92.2	93.5	93.7	94.6	95.0	95.1	95.3	95.4	95.5	95.7	95.9	96.1	96.3
93.2	94.2	94.5	95.3	95.6	95.8	96.0	96.1	96.2	96.4	96.6	96.8	97.0
93.6	94.7	95.0	95.8	96.1	96.3	96.5	96.6	96.7	96.9	97.1	97.3	97.5
94.2	95.4	95.7	96.5	96.8	97.0	97.2	97.3	97.4	97.6	97.8	98.0	98.2
94.6	95.8	96.1	96.9	97.2	97.4	97.6	97.7	97.8	98.0	98.2	98.4	98.6
95.2	96.4	96.7	97.5	97.8	98.0	98.2	98.3	98.4	98.6	98.8	99.0	99.2
95.6	96.8	97.1	97.9	98.2	98.4	98.6	98.7	98.8	99.0	99.2	99.4	99.6
96.0	97.2	97.5	98.3	98.6	98.8	99.0	99.1	99.2	99.4	99.6	99.8	100.0

47.7

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: MAR HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	38.1	38.3	38.8	39.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
GE 20000	41.1	41.3	41.8	42.2	43.4	43.4	43.8	43.8	43.8	43.8	43.8	43.8
GE 18000	41.3	41.5	42.0	42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0
GE 16000	41.3	41.5	42.0	42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0
GE 14000	41.4	41.6	42.2	42.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1
GE 12000	42.3	42.6	43.2	43.5	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2
GE 10000	45.6	45.9	46.6	46.9	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5
GE 9000	46.7	47.0	47.7	48.0	49.3	49.3	49.6	49.6	49.6	49.6	49.6	49.6
GE 8000	49.1	49.5	50.1	50.8	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	50.3	51.2	51.8	52.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2
GE 6000	51.2	51.6	52.3	52.9	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6
GE 5000	54.5	55.2	56.0	56.7	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7
GE 4500	58.6	59.3	60.1	61.3	62.8	62.8	63.2	63.2	63.2	63.2	63.2	63.2
GE 4000	62.3	63.0	64.2	65.4	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7
GE 3500	64.9	65.7	66.9	68.5	70.4	70.4	71.0	71.0	71.0	71.0	71.0	71.0
GE 3000	67.4	68.2	69.7	71.6	74.2	74.2	74.9	75.1	75.1	75.1	75.1	75.1
GE 2500	71.1	72.2	73.9	76.2	77.4	79.4	80.3	80.4	80.4	80.4	80.4	80.4
GE 2000	72.4	74.0	76.0	78.3	82.7	83.0	84.1	84.5	84.5	84.6	84.6	84.6
GE 1800	73.0	74.2	76.2	79.2	83.0	83.3	84.4	84.8	84.8	84.9	84.9	84.9
GE 1500	75.3	77.0	79.4	82.5	86.2	86.6	87.8	88.3	88.3	88.4	88.4	88.4
GE 1200	75.6	76.8	81.2	84.7	88.7	89.0	90.9	91.5	91.5	91.8	91.8	91.8
GE 1000	76.4	78.1	81.7	85.4	90.1	90.5	92.5	93.3	93.3	93.5	93.5	93.5
GE 900	77.0	78.4	82.2	86.1	91.0	91.4	93.4	94.2	94.2	94.4	94.4	94.4
GE 800	77.3	78.7	82.6	86.9	91.7	92.4	95.1	95.8	95.8	96.0	96.0	96.0
GE 700	77.4	79.0	82.7	87.3	92.6	93.2	95.9	96.9	96.9	97.1	97.1	97.1
GE 600	77.7	80.1	83.0	87.5	93.1	93.8	96.7	98.0	98.0	98.3	98.3	98.3
GE 500	77.7	80.1	83.0	87.6	93.1	93.9	97.1	98.5	98.7	99.0	99.0	99.0
GE 400	77.7	80.1	83.1	87.7	93.2	94.0	97.4	98.8	99.0	99.5	99.5	99.5
GE 300	77.7	80.1	83.1	87.7	93.2	94.0	97.4	99.0	99.2	99.4	99.4	99.4
GE 200	77.7	80.1	83.1	87.7	93.2	94.0	97.4	99.0	99.2	99.3	99.3	99.3
GE 100	77.7	80.1	83.1	87.7	93.2	94.0	97.4	99.0	99.2	99.3	99.3	99.3
GE 000	77.7	80.1	83.1	87.7	93.2	94.0	97.4	99.0	99.2	99.3	99.3	99.3

TOTAL NUMBER OF OBSERVATIONS 983

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH
T TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 00-02

	VISIBILITY IN STATUTE MILES											
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
39.1	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4	40.4
42.2	43.4	43.4	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
42.4	43.7	43.7	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0	44.0
42.5	43.8	43.8	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
43.5	44.8	44.8	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2	45.2
46.9	48.2	48.2	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5	48.5
47.0	48.3	48.3	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
50.8	52.0	52.0	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
52.6	53.9	53.9	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
52.9	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
56.9	58.3	58.3	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
61.3	62.3	62.3	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
65.4	67.2	67.2	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
68.5	70.4	70.4	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
71.6	74.2	74.2	74.9	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1	75.1
75.2	77.4	77.4	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4	80.4
74.3	82.7	83.0	84.1	84.5	84.5	84.5	84.6	84.6	84.6	84.6	84.6	84.6
79.2	83.0	83.3	84.4	84.8	84.8	84.9	84.9	84.9	84.9	84.9	84.9	84.9
82.5	86.2	86.6	87.8	88.3	88.3	88.4	88.4	88.4	88.4	88.4	88.4	88.4
84.7	88.7	89.0	90.9	91.5	91.6	91.8	91.8	91.8	91.8	91.8	91.8	91.8
85.4	90.1	90.5	92.6	93.3	93.3	93.5	93.5	93.5	93.5	93.5	93.5	93.5
86.1	91.0	91.4	93.4	94.2	94.2	94.4	94.4	94.4	94.4	94.4	94.4	94.4
86.9	91.7	92.4	95.1	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
87.3	92.6	93.2	95.9	96.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2
87.5	93.1	93.8	96.7	98.0	98.0	98.3	98.3	98.3	98.4	98.4	98.4	98.4
87.6	93.1	93.9	97.1	98.5	98.7	99.0	99.0	99.0	99.1	99.1	99.1	99.1
87.7	93.2	94.0	97.4	98.8	99.0	99.5	99.5	99.5	99.7	99.7	99.7	99.7
87.7	93.2	94.0	97.4	99.0	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
87.7	93.2	94.0	97.4	99.0	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
87.7	93.2	94.0	97.4	99.0	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0
87.7	93.2	94.0	97.4	99.0	99.2	99.8	99.8	99.8	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A" PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAR HOURS: 03-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	39.7	40.1	40.4	41.0	41.8	41.8	41.9	42.0	42.0	42.3	42.3	42.3	42.
GE 20000	41.3	41.7	42.0	42.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.
GE 18000	41.3	41.7	42.0	42.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.
GE 16000	41.3	41.7	42.0	42.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.
GE 14000	41.5	41.9	42.3	42.8	43.7	43.7	43.8	43.9	43.9	44.1	44.1	44.1	44.
GE 12000	42.5	42.9	43.2	43.8	44.6	44.6	44.7	44.8	44.8	45.1	45.1	45.1	45.
GE 10000	44.1	44.5	44.8	45.4	46.2	46.2	46.3	46.5	46.5	46.7	46.7	46.7	46.
GE 9000	44.1	44.5	44.8	45.4	46.2	46.2	46.3	46.5	46.5	46.7	46.7	46.7	46.
GE 8000	47.2	47.6	48.0	48.5	49.4	49.4	49.5	49.7	49.7	49.9	49.9	49.9	49.
GE 7000	49.4	49.9	50.2	50.8	51.6	51.6	51.7	51.9	51.9	52.2	52.2	52.2	52.
GE 6000	50.1	50.6	51.0	51.5	52.4	52.4	52.5	52.7	52.7	52.9	52.9	52.9	52.
GE 5000	53.7	54.3	54.7	55.4	56.2	56.2	56.3	56.5	56.5	56.8	56.8	56.8	56.
GE 4500	56.2	57.6	58.5	59.7	60.5	60.6	60.8	61.0	61.0	61.2	61.2	61.2	61.
GE 4000	60.0	60.8	61.9	63.4	64.5	64.6	64.7	64.9	64.9	65.2	65.2	65.2	65.
GE 3500	62.9	63.5	64.3	66.3	67.6	67.7	67.8	68.1	68.1	68.3	68.3	68.3	68.
GE 3000	65.2	66.1	67.6	69.4	71.0	71.1	71.2	71.5	71.5	71.7	71.7	71.7	71.
GE 2500	70.4	71.6	73.3	75.4	77.5	77.6	77.7	78.3	78.3	78.5	78.5	78.5	78.
GE 2000	72.3	74.0	75.9	78.4	80.9	81.2	81.7	82.3	82.3	82.5	82.5	82.5	82.
GE 1800	72.9	74.6	76.5	79.0	81.5	81.8	82.5	83.0	83.0	83.2	83.2	83.2	83.
GE 1500	75.1	77.0	79.4	82.0	85.2	85.5	86.6	87.2	87.2	87.6	87.6	87.6	87.
GE 1200	76.9	78.8	81.2	84.5	87.6	88.1	89.1	90.4	90.4	90.9	90.9	90.9	90.
GE 1000	77.6	79.1	82.2	85.8	88.9	89.4	90.9	92.2	92.2	92.6	92.7	92.7	92.
GE 900	77.6	79.1	82.2	85.7	88.8	90.5	92.2	93.4	93.4	93.9	94.0	94.0	94.
GE 800	77.6	80.0	83.2	87.2	90.3	91.4	93.2	94.5	94.5	94.9	95.1	95.1	95.
GE 700	78.0	80.3	83.7	87.3	91.3	92.4	94.3	95.6	95.6	96.0	96.1	96.1	96.
GE 600	78.1	80.4	84.0	88.8	92.5	93.5	95.6	97.3	97.3	97.7	97.8	97.8	97.
GE 500	78.1	80.4	84.0	88.8	92.5	93.5	95.7	97.4	97.4	97.8	98.2	98.2	98.
GE 400	78.1	80.4	84.1	88.9	92.8	93.9	96.3	98.4	98.4	98.8	99.1	99.1	99.
GE 300	78.1	80.4	84.1	88.9	92.8	93.9	96.5	98.6	98.6	99.1	99.5	99.5	99.
GE 200	78.1	80.4	84.1	88.9	92.8	93.9	96.5	98.6	98.6	99.1	99.6	99.6	99.
GE 100	78.1	80.4	84.1	88.9	92.8	93.9	96.5	98.6	98.6	99.1	99.6	99.6	99.
GE 000	78.1	80.4	84.1	88.9	92.8	93.9	96.5	98.6	98.6	99.1	99.6	99.6	99.

TOTAL NUMBER OF OBSERVATIONS 933

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH
ST TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 03-05

CEILING GE	VISIBILITY IN STATUTE MILES GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	41.0	41.8	41.8	41.9	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.4	42.4
	43.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	44.0	44.0
	43.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	44.0	44.0
	43.6	43.4	43.4	43.5	43.7	43.7	43.9	43.9	43.9	43.9	43.9	44.0	44.0
	43.8	43.7	43.7	43.8	43.9	43.9	44.1	44.1	44.1	44.1	44.1	44.2	44.2
	44.8	44.6	44.6	44.7	44.8	44.8	45.1	45.1	45.1	45.1	45.1	45.2	45.2
	46.4	46.2	46.2	46.3	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.8	46.8
	46.4	46.2	46.2	46.3	46.5	46.5	46.7	46.7	46.7	46.7	46.7	46.8	46.8
	49.5	49.4	49.4	49.5	49.7	49.7	49.9	49.9	49.9	49.9	49.9	50.0	50.0
	50.3	51.6	51.6	51.7	51.9	51.9	52.2	52.2	52.2	52.2	52.2	52.3	52.3
	51.5	52.4	52.4	52.5	52.7	52.7	52.9	52.9	52.9	52.9	52.9	53.0	53.0
	56.4	56.2	56.2	56.3	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.9	56.9
	60.7	60.5	60.6	60.8	61.0	61.0	61.2	61.2	61.2	61.2	61.2	61.3	61.3
	64.4	64.5	64.5	64.7	64.9	64.9	65.2	65.2	65.2	65.2	65.2	65.3	65.3
	67.3	67.6	67.7	67.9	68.1	68.1	68.3	68.3	68.3	68.3	68.3	68.4	68.4
	71.4	71.0	71.1	71.2	71.5	71.5	71.7	71.7	71.7	71.7	71.7	71.8	71.8
	77.4	77.5	77.6	77.7	78.3	78.3	78.5	78.5	78.5	78.5	78.5	78.6	78.6
	79.4	80.9	81.2	81.7	82.3	82.3	82.5	82.5	82.5	82.5	82.5	82.6	82.6
	79.0	81.5	81.8	82.5	83.0	83.0	83.2	83.2	83.2	83.2	83.2	83.3	83.3
	82.0	85.2	85.5	86.6	87.2	87.2	87.6	87.6	87.6	87.6	87.6	87.7	87.7
	84.5	87.6	88.1	89.1	90.4	90.4	90.9	90.9	90.9	90.9	90.9	91.0	91.0
	85.1	89.4	89.4	90.9	92.2	92.2	92.6	92.7	92.7	92.7	92.7	92.8	92.8
	86.7	89.8	90.5	92.2	93.4	93.4	93.9	94.0	94.0	94.0	94.0	94.1	94.1
	87.2	90.3	91.4	93.2	94.5	94.5	94.9	95.1	95.1	95.1	95.1	95.2	95.2
	87.3	91.3	92.4	94.3	95.6	95.6	96.0	96.1	96.1	96.1	96.1	96.2	96.2
	88.8	92.5	93.5	95.6	97.3	97.3	97.7	97.8	97.8	97.8	97.8	98.1	98.1
	89.0	92.5	93.5	95.7	97.4	97.4	97.8	98.2	98.2	98.2	98.2	98.4	98.4
	89.0	92.8	93.9	96.3	98.4	98.4	98.8	99.1	99.1	99.2	99.2	99.5	99.5
	89.0	92.8	93.9	96.5	98.6	98.6	99.1	99.5	99.5	99.6	99.6	99.8	99.9
	89.0	92.8	93.9	96.5	98.6	98.6	99.1	99.6	99.6	99.7	99.7	99.9	100.0
	89.0	92.8	93.9	96.5	98.6	98.6	99.1	99.6	99.6	99.7	99.7	99.9	100.0
	89.0	92.8	93.9	96.5	98.6	98.6	99.1	99.6	99.6	99.7	99.7	99.9	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAR HOURS: 06-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	31.5	32.9	34.7	36.0	37.3	37.4	38.4	38.7	39.0	39.2	39.2	39.2	39.
GE 20000	34.7	36.1	38.7	40.1	41.5	41.6	42.6	42.9	43.3	43.5	43.5	43.5	43.
GE 18000	34.8	36.2	38.8	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.
GE 16000	34.8	36.2	38.8	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.
GE 14000	34.8	36.2	38.8	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.
GE 12000	35.5	36.9	39.5	40.9	42.4	42.5	43.4	43.8	44.2	44.4	44.4	44.4	44.
GE 10000	36.9	38.3	41.0	42.5	44.0	44.1	45.1	45.4	45.8	46.0	46.0	46.0	46.
GE 9000	37.0	38.4	41.1	42.6	44.1	44.2	45.2	45.5	45.9	46.1	46.1	46.1	46.
GE 8000	42.3	44.0	46.7	48.3	50.0	50.1	51.1	51.6	52.0	52.4	52.4	52.4	52.
GE 7000	44.1	45.8	48.6	50.4	52.2	52.3	53.2	53.8	54.2	54.5	54.5	54.5	54.
GE 6000	44.9	46.7	49.5	51.3	53.0	53.1	54.1	54.6	55.1	55.4	55.4	55.4	55.
GE 5000	47.5	49.2	53.3	55.4	57.3	57.5	58.5	59.0	59.5	59.8	59.8	59.8	59.
GE 4500	50.5	52.7	55.8	58.1	60.0	60.2	61.2	61.7	62.2	62.5	62.5	62.5	62.
GE 4000	53.3	55.5	58.8	61.3	63.2	63.7	64.7	65.3	65.7	66.1	66.1	66.1	66.
GE 3500	56.1	57.3	60.9	63.4	65.4	65.9	66.9	67.4	67.8	68.3	68.3	68.3	68.
GE 3000	57.7	60.0	64.1	67.0	69.1	69.6	70.6	71.4	71.8	72.3	72.3	72.3	72.
GE 2500	61.4	64.3	69.1	72.5	74.9	75.4	77.0	77.8	78.4	78.8	78.8	78.8	79.
GE 2000	63.3	66.2	71.1	74.6	77.6	78.5	79.9	80.9	81.4	81.8	81.8	81.8	82.
GE 1800	64.0	66.9	71.7	75.3	78.3	79.1	80.5	81.5	82.0	82.5	82.5	82.5	82.
GE 1500	65.1	68.1	73.5	77.5	80.8	81.8	83.2	84.4	84.9	85.5	85.7	85.7	85.
GE 1200	67.0	70.3	76.6	81.0	84.5	85.7	87.3	89.0	89.6	90.1	90.4	90.4	90.
GE 1000	68.3	71.8	78.3	83.0	87.0	88.3	90.0	91.7	92.3	92.9	93.2	93.2	93.
GE 900	69.3	72.5	79.2	84.3	88.9	90.3	92.0	93.8	94.3	94.9	95.3	95.3	95.
GE 800	69.4	72.9	79.8	84.8	89.7	91.5	93.4	95.2	95.7	96.3	96.7	96.7	97.
GE 700	69.5	73.0	79.9	84.9	89.9	91.7	93.8	95.6	96.1	96.5	97.1	97.1	97.
GE 600	69.5	73.2	80.1	85.4	90.5	92.4	94.4	96.5	97.0	97.7	98.1	98.1	98.
GE 500	69.5	73.2	80.1	85.4	90.5	92.4	94.4	96.6	97.1	97.8	98.4	98.4	98.
GE 400	69.5	73.2	80.1	85.4	90.6	92.5	94.5	96.8	97.3	98.1	98.7	98.7	99.
GE 300	69.5	73.2	80.1	85.4	90.6	92.5	94.5	96.8	97.3	98.1	98.8	98.8	99.
GE 200	69.5	73.2	80.1	85.4	90.6	92.5	94.5	96.8	97.3	98.2	99.0	99.0	99.
GE 100	69.5	73.2	80.1	85.4	90.6	92.5	94.5	96.8	97.3	98.2	99.0	99.0	99.
GE 000	69.5	73.2	80.1	85.4	90.6	92.5	94.5	96.8	97.3	98.2	99.0	99.0	99.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: MAR HOURS: 06-08

	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7	36.0	37.3	37.4	38.4	38.7	39.0	39.2	39.2	39.2	39.4	39.4	39.5	39.5
	40.1	41.5	41.6	42.6	42.9	43.3	43.5	43.5	43.5	43.7	43.7	43.8	43.8
	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43.9
	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43.9
	40.2	41.6	41.7	42.7	43.0	43.4	43.7	43.7	43.7	43.8	43.8	43.9	43.9
	40.9	42.4	42.5	43.4	43.8	44.2	44.4	44.4	44.4	44.5	44.5	44.6	44.6
	42.5	44.0	44.1	45.1	45.4	45.8	46.0	46.0	46.0	46.1	46.1	46.2	46.2
	42.6	44.1	44.2	45.2	45.5	45.9	46.1	46.1	46.1	46.2	46.2	46.3	46.3
	48.3	50.0	50.1	51.1	51.6	52.0	52.4	52.4	52.4	52.5	52.5	52.6	52.6
	50.4	52.2	52.3	53.2	53.8	54.2	54.5	54.5	54.5	54.6	54.6	54.7	54.7
	51.3	53.0	53.1	54.1	54.6	55.1	55.4	55.4	55.4	55.5	55.5	55.6	55.6
	56.4	57.3	57.5	58.5	59.0	59.5	59.8	59.8	59.8	59.9	59.9	60.0	60.0
	59.1	60.0	60.2	61.2	61.7	62.2	62.5	62.5	62.5	62.6	62.6	62.7	62.7
	61.3	63.2	63.7	64.7	65.3	65.7	66.1	66.1	66.1	66.3	66.3	66.5	66.5
	63.4	65.4	65.9	66.9	67.4	67.8	68.3	68.3	68.3	68.5	68.5	68.6	68.6
	67.0	69.1	69.6	70.6	71.4	71.8	72.3	72.3	72.3	72.5	72.5	72.6	72.6
	72.5	74.9	75.4	77.0	77.8	78.4	78.8	78.8	78.8	79.0	79.0	79.1	79.1
	74.9	77.6	78.5	79.9	80.9	81.4	81.8	81.8	81.8	82.0	82.0	82.2	82.2
	75.3	78.3	79.1	80.5	81.5	82.0	82.5	82.5	82.5	82.7	82.7	82.8	82.8
	77.5	80.3	81.8	83.2	84.4	84.9	85.5	85.7	85.7	85.9	85.9	86.0	86.0
	81.0	84.5	85.7	87.3	89.0	89.5	90.1	90.4	90.4	90.6	90.6	90.8	90.8
	88.0	89.0	90.3	90.0	91.7	92.3	92.9	93.2	93.2	93.5	93.5	93.7	93.7
	88.3	89.9	90.3	92.0	93.8	94.3	94.9	95.3	95.3	95.6	95.6	95.7	95.7
	88.3	89.7	91.5	93.4	95.2	95.7	96.3	96.7	96.7	97.0	97.1	97.2	97.2
	88.9	89.9	91.7	93.8	95.6	96.1	96.8	97.1	97.1	97.4	97.5	97.6	97.6
	89.4	90.5	92.4	94.4	96.3	97.0	97.7	98.1	98.1	98.4	98.5	98.6	98.6
	89.4	90.5	92.4	94.4	96.6	97.1	97.8	98.4	98.4	98.7	98.8	98.9	98.9
	89.4	90.6	92.5	94.5	96.8	97.3	98.1	98.7	98.7	99.1	99.2	99.4	99.4
	89.4	90.6	92.5	94.5	96.8	97.3	98.1	98.8	98.8	99.2	99.4	99.5	99.7
	89.4	90.6	92.5	94.5	96.8	97.3	98.2	99.0	99.0	99.5	99.6	99.7	99.9
	89.4	90.6	92.5	94.5	96.8	97.3	98.2	99.0	99.0	99.5	99.6	99.7	100.0
	89.4	90.6	92.5	94.5	96.8	97.3	98.2	99.0	99.0	99.5	99.6	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 MONTH: MAR HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	34.7	36.0	37.5	38.7	39.5	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.
GE 20000	39.1	40.9	42.5	43.7	44.4	44.5	45.2	45.5	45.5	45.5	45.5	45.5	45.
GE 18000	39.5	41.2	42.8	44.0	44.7	44.8	45.5	45.8	45.8	45.8	45.8	45.8	45.
GE 16000	39.5	41.2	42.8	44.0	44.7	44.8	45.5	45.8	45.8	45.8	45.8	45.8	45.
GE 14000	39.8	41.6	43.2	44.4	45.2	45.3	45.9	46.2	46.2	46.2	46.2	46.2	46.
GE 12000	41.0	42.8	44.4	45.7	46.5	46.6	47.2	47.5	47.5	47.5	47.5	47.5	47.
GE 10000	42.8	44.7	46.3	47.7	48.6	48.7	49.4	49.7	49.7	49.7	49.7	49.7	49.
GE 9000	43.2	45.3	46.9	48.3	49.1	49.2	49.9	50.2	50.2	50.2	50.2	50.2	50.
GE 8000	46.3	48.7	50.8	52.5	53.4	53.5	54.2	54.5	54.5	54.5	54.5	54.5	54.
GE 7000	48.7	51.1	53.1	54.9	55.9	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.
GE 6000	48.9	51.3	53.3	55.3	56.2	56.3	57.1	57.4	57.4	57.4	57.4	57.4	57.
GE 5000	51.2	53.9	56.0	58.1	59.1	59.4	60.1	60.4	60.4	60.4	60.4	60.4	60.
GE 4500	52.7	55.6	57.8	60.1	61.5	61.7	62.5	62.8	62.8	62.8	62.8	62.8	62.
GE 4000	55.4	58.3	60.6	63.2	64.8	65.1	66.0	66.3	66.3	66.3	66.3	66.3	66.
GE 3500	57.3	60.4	63.0	65.6	67.6	67.8	68.9	69.2	69.2	69.2	69.2	69.2	69.
GE 3000	61.1	64.3	66.9	69.9	72.2	72.5	73.5	73.9	73.9	73.9	73.9	73.9	73.
GE 2500	65.3	68.6	71.9	74.9	77.3	77.6	78.8	79.1	79.1	79.1	79.1	79.1	79.
GE 2000	67.1	70.3	74.2	77.3	79.9	80.6	81.9	82.2	82.2	82.2	82.2	82.2	82.
GE 1800	67.6	71.0	74.8	78.0	80.5	81.5	82.9	83.2	83.2	83.2	83.2	83.2	83.
GE 1500	69.1	73.1	77.3	81.0	83.9	85.1	86.6	86.9	86.9	86.9	87.1	87.1	87.
GE 1200	70.1	74.6	79.4	83.2	86.6	87.7	89.5	89.8	90.0	90.0	90.3	90.3	90.
GE 1000	70.3	75.0	81.0	85.1	88.7	89.9	91.6	91.9	92.2	92.2	92.5	92.5	92.
GE 900	71.1	76.3	81.5	85.9	89.6	90.9	92.8	93.2	93.4	93.4	93.8	93.8	93.
GE 800	71.5	77.0	82.6	87.0	90.6	92.2	94.1	94.5	94.8	94.9	95.4	95.5	95.
GE 700	71.6	77.1	82.7	87.1	91.0	92.5	94.5	95.1	95.4	95.9	96.3	96.6	96.
GE 600	71.6	77.1	82.8	87.2	91.6	93.2	95.3	95.8	96.1	96.9	97.3	97.5	97.
GE 500	71.6	77.1	82.8	87.2	91.7	93.3	95.5	96.1	96.5	97.3	97.7	98.0	98.
GE 400	71.6	77.1	82.8	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.6	98.8	99.
GE 300	71.6	77.1	82.8	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.
GE 200	71.6	77.1	82.8	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.
GE 100	71.6	77.1	82.8	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.
GE 000	71.6	77.1	82.8	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAR HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	38.7	39.5	39.6	40.0	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.3	40.4
	43.7	44.4	44.5	45.2	45.5	45.5	45.5	45.5	45.5	45.5	45.5	45.6	45.7
	44.0	44.7	44.8	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	46.0
	44.0	44.7	44.8	45.5	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.9	46.0
	44.4	45.2	45.3	45.9	46.2	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.5
	45.7	46.5	46.6	47.2	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.6	47.7
	47.7	48.6	48.7	49.4	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.8	49.9
	48.3	49.1	49.2	49.9	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.3	50.4
	52.5	53.4	53.5	54.2	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.6	54.7
	54.9	55.9	56.0	56.7	57.0	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.2
	55.3	56.2	56.3	57.1	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.5	57.6
	59.1	59.1	59.4	60.1	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.5	60.6
	60.1	61.5	61.7	62.5	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.9	63.0
	63.2	64.9	65.1	66.0	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.5	66.6
	65.6	67.6	67.8	68.9	69.2	69.2	69.2	69.2	69.2	69.2	69.2	69.4	69.5
	69.9	72.2	72.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	74.0	74.1
	74.9	77.3	77.6	78.8	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.2	79.4
	77.3	79.9	80.6	81.8	82.2	82.2	82.2	82.2	82.2	82.2	82.2	82.3	82.4
	78.9	80.5	81.5	82.9	83.2	83.2	83.2	83.2	83.2	83.3	83.3	83.4	83.5
	81.0	83.9	85.1	86.6	86.9	86.9	86.9	87.1	87.1	87.2	87.2	87.3	87.4
	83.2	86.6	87.7	89.5	89.8	90.0	90.0	90.3	90.3	90.4	90.4	90.5	90.6
	85.1	88.7	89.9	91.6	91.9	92.2	92.2	92.5	92.5	92.6	92.6	92.7	92.8
	85.3	89.6	90.9	92.8	93.2	93.4	93.4	93.8	93.8	93.9	93.9	94.0	94.1
	87.0	90.6	92.2	94.1	94.5	94.8	94.9	95.4	95.5	95.7	95.7	95.9	96.0
	87.1	91.0	92.5	94.5	95.1	95.4	95.9	96.3	96.6	96.8	96.8	97.1	97.2
	87.2	91.6	93.2	95.3	95.8	96.1	96.9	97.3	97.5	97.7	97.7	98.1	98.2
	87.2	91.7	93.3	95.5	96.1	96.5	97.3	97.7	98.0	98.2	98.2	98.6	98.7
	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.6	98.8	99.0	99.0	99.5	99.6
	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.1	99.2	99.8	100.0
	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.1	99.2	99.8	100.0
	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.1	99.2	99.8	100.0
	87.2	91.8	93.5	95.9	96.7	97.1	98.1	98.7	98.9	99.1	99.2	99.8	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAR HOURS: 12-

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	35.3	36.7	37.1	37.8	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	3
GE 20000	41.3	42.8	43.3	44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	4
GE 18000	42.2	43.1	43.7	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	4
GE 16000	42.2	43.1	43.7	44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	4
GE 14000	42.8	43.8	44.3	45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	4
GE 12000	44.6	45.6	46.2	47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	4
GE 10000	47.7	48.7	49.4	50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	5
GE 9000	48.4	49.4	50.0	50.8	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	5
GE 8000	52.2	53.7	54.6	55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	5
GE 7000	53.5	55.3	56.3	57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	5
GE 6000	53.9	55.4	56.5	57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	5
GE 5000	54.4	56.0	57.0	58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	5
GE 4500	55.5	57.1	58.2	59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	5
GE 4000	57.4	59.1	60.3	61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	6
GE 3500	60.2	62.3	63.7	64.9	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	6
GE 3000	66.1	68.4	70.1	71.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	7
GE 2500	71.6	74.7	76.6	78.3	79.7	80.1	80.4	80.4	80.4	80.5	80.6	80.6	8
GE 2000	73.1	76.6	79.0	80.8	82.2	82.6	83.0	83.0	83.0	83.1	83.2	83.2	8
GE 1800	73.7	77.3	79.9	81.6	83.0	83.4	83.9	83.9	83.9	84.0	84.1	84.1	8
GE 1500	75.5	80.3	83.7	85.8	87.3	88.0	88.4	88.5	88.5	88.6	88.7	88.7	8
GE 1200	77.7	82.7	86.0	88.3	90.1	90.8	91.3	91.6	91.7	91.8	91.9	91.9	9
GE 1000	79.3	83.3	86.9	89.1	91.4	92.2	93.0	93.3	93.4	93.5	93.7	93.7	9
GE 900	79.1	84.3	87.3	90.2	92.9	93.7	94.9	95.3	95.4	95.5	95.6	95.6	9
GE 800	79.6	84.7	88.3	90.8	93.7	94.5	96.0	96.6	96.7	96.8	96.9	96.9	9
GE 700	79.7	84.9	88.5	91.3	94.4	95.7	97.5	98.1	98.2	98.3	98.4	98.4	9
GE 600	79.7	84.9	88.6	91.5	94.8	96.1	98.2	98.7	98.8	99.2	99.4	99.4	9
GE 500	79.7	84.9	88.6	91.5	94.8	96.1	98.2	98.8	98.9	99.4	99.5	99.5	9
GE 400	79.7	85.1	88.7	91.6	94.9	96.2	98.4	99.0	99.1	99.6	99.7	99.7	9
GE 300	79.7	85.1	88.7	91.6	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	10
GE 200	79.7	85.1	88.7	91.6	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	10
GE 100	79.7	85.1	88.7	91.6	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	10
GE 000	79.7	85.1	88.7	91.6	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	10

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

LIT

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAR HOURS: 12-14

	VISIBILITY IN STATUTE MILES											
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
37.5	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
44.1	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
44.4	44.6	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7	44.7
45.1	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
47.0	47.2	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
50.1	50.3	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4	50.4
51.0	51.0	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1	51.1
55.6	55.8	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
57.3	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6	57.6
57.4	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
58.0	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
59.1	59.5	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6	59.6
61.3	61.7	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
66.0	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
71.5	72.7	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
77.3	77.7	80.1	80.4	80.4	80.4	80.5	80.6	80.6	80.6	80.6	80.6	80.6
82.2	82.2	82.6	83.0	83.0	83.0	83.1	83.2	83.2	83.3	83.3	83.3	83.3
83.6	83.0	83.4	83.9	83.9	83.9	84.0	84.1	84.1	84.2	84.2	84.2	84.2
86.4	87.3	88.0	88.4	88.5	88.5	88.6	88.7	88.7	88.8	88.8	88.8	88.8
89.3	90.1	90.8	91.3	91.6	91.7	91.8	91.9	91.9	92.0	92.0	92.0	92.0
91.1	91.4	92.2	93.0	93.3	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8
92.9	92.9	93.7	94.9	95.3	95.4	95.5	95.6	95.6	95.7	95.7	95.7	95.7
93.6	93.7	94.5	95.0	96.5	96.7	96.8	96.9	96.9	97.0	97.0	97.0	97.0
94.3	94.4	95.7	97.5	98.1	98.2	98.3	98.4	98.4	98.5	98.5	98.5	98.5
94.5	94.8	96.1	98.2	98.7	98.8	99.2	99.4	99.4	99.5	99.5	99.5	99.5
94.9	94.9	96.1	98.2	98.8	98.9	99.4	99.5	99.5	99.6	99.6	99.6	99.6
94.9	94.9	96.2	98.4	99.0	99.1	99.6	99.7	99.7	99.8	99.8	99.8	99.8
94.9	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
94.9	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
94.9	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
94.9	94.9	96.2	98.4	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	34.6	34.8	34.8	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.
GE 20000	39.6	39.8	39.8	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.
GE 18000	40.1	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.
GE 16000	40.1	40.3	40.3	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.
GE 14000	40.9	41.1	41.1	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.
GE 12000	41.8	42.0	42.0	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.
GE 10000	45.9	46.5	46.6	47.1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.
GE 9000	46.2	46.8	46.9	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.
GE 8000	49.6	50.5	50.6	51.2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.
GE 7000	50.5	51.6	51.8	52.4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.
GE 6000	51.2	52.4	52.6	53.2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.
GE 5000	52.9	53.7	53.9	54.7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.
GE 4500	55.2	56.3	56.5	57.4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.
GE 4000	59.7	60.9	61.2	62.3	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.
GE 3500	63.2	65.1	65.6	66.9	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.
GE 3000	68.4	70.2	70.9	72.2	72.7	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.
GE 2500	75.3	76.1	76.9	78.3	79.5	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.
GE 2200	76.7	77.2	78.3	82.5	83.7	84.1	84.4	84.5	84.5	84.7	84.8	84.8	84.
GE 1800	76.7	77.2	78.3	83.0	84.1	84.5	84.8	84.9	85.1	85.2	85.3	85.3	85.
GE 1500	78.4	82.5	84.0	86.3	88.2	88.7	89.5	89.7	89.8	89.9	90.0	90.0	90.
GE 1200	79.8	84.8	86.9	88.9	90.8	91.4	92.4	92.7	92.8	92.9	93.0	93.0	93.
GE 1000	80.8	86.2	87.8	90.4	92.7	93.3	94.4	94.8	94.9	95.1	95.2	95.2	95.
GE 900	80.8	86.4	87.2	91.1	93.9	94.6	95.8	96.2	96.3	96.5	96.6	96.6	96.
GE 800	80.4	85.8	87.7	91.5	94.9	95.8	97.1	97.6	97.7	97.8	98.0	98.0	98.
GE 700	80.4	85.9	87.8	91.8	95.4	96.5	97.7	98.3	98.4	98.5	98.6	98.6	98.
GE 600	80.4	85.9	87.8	91.8	95.4	96.5	98.1	98.6	98.7	98.9	99.0	99.0	99.
GE 500	80.4	85.9	87.8	91.8	95.4	96.5	98.1	98.7	98.8	99.1	99.2	99.2	99.
GE 400	80.4	85.9	87.8	91.8	95.4	96.8	98.4	99.2	99.4	99.7	99.8	99.8	99.
GE 300	80.4	85.9	87.8	91.8	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.
GE 200	80.4	85.9	87.8	91.8	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.
GE 100	80.4	85.9	87.8	91.8	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.
GE 000	80.4	85.9	87.8	91.8	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

FE[illegible]N NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
35	[illegible].2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2	35.2
40	[illegible].2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2	40.2
[illegible]	[illegible].8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
[illegible]	[illegible].8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8	40.8
41	[illegible].5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5	41.5
42	[illegible].5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
47	[illegible].1	47.1	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2	47.2
47	[illegible].4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
51	[illegible].2	51.2	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
[illegible]	[illegible].4	52.4	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
53	[illegible].2	53.2	53.3	53.3	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4
54	[illegible].7	54.7	54.8	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9
57	[illegible].4	57.4	57.5	57.5	57.5	57.5	57.6	57.6	57.6	57.6	57.6	57.6	57.6
62	[illegible].3	62.4	62.5	62.5	62.5	62.5	62.6	62.6	62.6	62.6	62.6	62.6	62.6
67	[illegible].9	67.0	67.1	67.1	67.1	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2
73	[illegible].2	72.7	72.9	72.9	72.9	72.9	73.0	73.0	73.0	73.0	73.0	73.0	73.0
[illegible]	[illegible]	79.5	80.0	80.2	80.3	80.3	80.4	80.4	80.4	80.4	80.4	80.4	80.4
[illegible]	[illegible].3	83.7	84.1	84.4	84.5	84.6	84.7	84.8	84.8	84.8	84.8	84.8	84.8
[illegible]	[illegible].0	84.1	84.5	84.8	84.9	85.1	85.2	85.3	85.3	85.3	85.3	85.3	85.3
[illegible]	[illegible].3	88.2	88.7	89.5	89.7	89.8	89.9	90.0	90.0	90.0	90.0	90.0	90.0
[illegible]	[illegible].9	90.8	91.4	92.4	92.7	92.8	92.9	93.0	93.0	93.1	93.1	93.1	93.1
[illegible]	[illegible].4	92.7	93.3	94.4	94.8	94.9	95.1	95.2	95.2	95.3	95.3	95.3	95.3
[illegible]	[illegible].1	93.9	94.6	95.8	96.2	96.3	96.5	96.6	96.6	96.7	96.7	96.7	96.7
98	[illegible].5	94.9	95.8	97.1	97.6	97.7	97.8	98.0	98.0	98.1	98.1	98.1	98.1
[illegible]	[illegible].8	95.4	96.5	97.7	98.3	98.4	98.5	98.6	98.6	98.7	98.7	98.7	98.7
99	[illegible]	95.4	96.5	98.1	98.6	98.7	98.9	99.0	99.0	99.1	99.1	99.1	99.1
[illegible]	[illegible].9	95.4	96.5	98.1	98.7	98.8	99.1	99.2	99.2	99.4	99.4	99.4	99.4
[illegible]	[illegible].9	95.4	96.8	98.4	99.2	99.4	99.7	99.8	99.8	99.9	99.9	99.9	99.9
100	[illegible].3	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
100	[illegible].3	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
100	[illegible].3	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
100	[illegible].3	95.4	96.8	98.5	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: MAR HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	36.9	37.5	38.0	38.0	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4
GE 20000	40.3	41.4	42.0	42.0	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5
GE 18000	40.4	41.5	42.2	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
GE 16000	40.4	41.5	42.2	42.2	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6
GE 14000	41.5	42.2	42.8	42.8	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2
GE 12000	41.8	42.5	43.1	43.1	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5
GE 10000	44.4	45.9	46.5	46.5	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0
GE 9000	45.4	46.9	47.1	47.1	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5
GE 8000	49.2	50.8	51.8	51.8	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4
GE 7000	50.3	51.8	52.9	52.9	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4
GE 6000	51.7	53.4	54.5	54.6	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4
GE 5000	53.9	55.6	56.8	57.0	57.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4
GE 4500	57.1	59.4	60.5	60.9	61.6	62.0	62.3	62.3	62.3	62.3	62.3	62.3
GE 4000	61.2	64.1	65.3	65.6	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0
GE 3500	66.1	67.3	68.6	68.9	69.7	70.2	70.4	70.5	70.5	70.5	70.5	70.5
GE 3000	67.5	69.9	71.4	71.8	72.7	73.2	73.5	73.7	73.7	73.7	73.7	73.7
GE 2500	71.7	74.4	76.5	77.4	79.0	79.7	80.1	80.3	80.3	80.3	80.4	80.3
GE 2000	74.4	77.5	80.4	81.7	83.3	84.1	84.5	85.3	85.4	85.4	85.4	85.4
GE 1800	74.9	78.1	81.0	82.4	84.1	84.8	85.7	86.1	86.2	86.3	86.3	86.3
GE 1500	75.7	79.7	83.4	85.2	87.1	87.8	89.0	89.5	89.5	89.7	89.8	89.9
GE 1200	76.3	80.5	84.5	86.6	88.8	89.7	91.1	91.6	91.7	91.8	91.9	92.0
GE 1000	76.5	81.1	85.4	87.7	90.4	91.3	93.1	93.8	94.0	94.2	94.4	94.5
GE 900	76.8	81.4	85.8	88.3	91.5	92.5	94.7	95.5	95.7	95.9	96.1	96.2
GE 800	76.9	81.5	85.9	88.5	92.0	93.1	95.3	96.0	96.2	96.5	96.7	96.8
GE 700	76.9	81.5	85.9	88.6	92.7	93.9	96.1	96.9	97.1	97.3	97.5	97.6
GE 600	76.9	81.5	86.1	89.1	93.0	94.2	96.5	97.3	97.5	97.8	98.1	98.2
GE 500	76.9	81.5	86.1	89.4	93.2	94.5	97.2	98.4	98.8	99.1	99.5	99.6
GE 400	76.9	81.5	86.1	89.4	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.7
GE 300	76.9	81.5	86.1	89.4	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8
GE 200	76.9	81.5	86.1	89.4	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8
GE 100	76.9	81.5	86.1	89.4	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8
GE 000	76.9	81.5	86.1	89.4	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
5 — MONTH: MAR HOURS: 18-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	38.3	38.3	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4	38.4
	42.4	42.4	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5	42.5
	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
	42.5	42.5	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6	42.6
	43.1	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5	43.5
	46.9	46.9	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0	47.0
	47.4	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	52.3	52.3	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4	52.4
	53.3	53.3	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4	53.4
	55.1	55.3	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
	57.7	58.2	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.5	58.5
	61.5	62.0	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.4	62.4
	66.3	66.8	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.1	67.1
	70.7	70.2	70.4	70.5	70.5	70.5	70.5	70.5	70.5	70.5	70.6	70.6
	72.7	73.2	73.5	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.8	73.8
	74.0	79.7	80.1	80.3	80.3	80.3	80.3	80.3	80.3	80.3	80.4	80.4
	83.3	84.1	84.8	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.5	85.5
	84.1	84.8	85.7	86.1	86.2	86.3	86.3	86.3	86.3	86.3	86.5	86.5
	87.1	87.8	89.0	89.5	89.6	89.7	89.8	89.9	89.9	89.9	90.0	90.0
	89.8	89.7	91.1	91.6	91.7	91.8	91.9	92.0	92.0	92.0	92.2	92.2
	91.4	91.3	93.1	93.9	94.0	94.2	94.4	94.5	94.5	94.5	94.6	94.6
	91.5	92.6	94.7	95.5	95.7	95.9	96.1	96.2	96.2	96.2	96.3	96.3
	92.9	93.1	95.3	96.0	96.2	96.5	96.7	96.8	96.8	96.8	96.9	96.9
	92.7	93.9	96.1	96.9	97.1	97.3	97.5	97.6	97.6	97.6	97.7	97.7
	93.0	94.2	96.6	97.3	97.6	97.8	98.1	98.2	98.2	98.2	98.3	98.3
	93.2	94.5	97.2	98.4	98.8	99.1	99.5	99.6	99.7	99.7	99.8	99.8
	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.7	99.8	99.8	99.9	99.9
	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8	99.9	99.9	100.0	100.0
	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8	99.9	99.9	100.0	100.0
	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8	99.9	99.9	100.0	100.0
	93.2	94.5	97.2	98.4	98.8	99.2	99.6	99.8	99.9	99.9	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	38.7	39.1	39.5	40.1	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
GE 20000	41.9	42.4	42.7	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 18000	41.9	42.4	42.7	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.
GE 16000	41.9	42.4	42.7	43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.
GE 14000	42.4	42.9	43.1	43.8	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.
GE 12000	43.2	44.0	44.3	44.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.
GE 10000	46.5	47.2	47.6	48.3	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.
GE 9000	46.6	47.3	47.7	48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.
GE 8000	51.3	52.3	52.9	53.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
GE 7000	53.4	54.4	55.1	55.7	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.
GE 6000	54.3	55.3	55.9	56.6	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.
GE 5000	56.7	57.7	58.5	59.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.
GE 4500	59.4	60.6	61.6	62.6	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.
GE 4000	63.4	64.8	65.9	66.9	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.
GE 3500	66.3	68.2	69.4	70.4	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.
GE 3000	68.6	70.8	72.2	73.5	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.
GE 2500	72.2	74.4	76.5	78.1	80.2	80.5	81.1	81.1	81.1	81.2	81.2	81.2	81.
GE 2000	74.9	77.0	79.1	81.0	83.9	84.3	85.4	85.5	85.5	85.7	85.7	85.7	85.
GE 1800	75.3	77.7	79.9	81.7	84.6	85.1	86.1	86.2	86.2	86.5	86.5	86.5	86.
GE 1500	77.2	79.8	82.3	84.3	87.6	88.1	89.1	89.5	89.5	89.7	89.7	89.7	89.
GE 1200	77.5	80.6	83.4	85.6	89.4	89.9	91.3	91.7	91.7	91.9	91.9	91.9	92.
GE 1000	77.6	81.0	84.1	86.8	90.8	91.4	93.2	93.7	93.7	93.9	93.9	93.9	94.
GE 900	77.8	81.5	84.6	87.5	91.7	92.6	94.8	95.3	95.3	95.5	95.5	95.5	95.
GE 800	79.1	81.7	84.9	88.0	92.6	93.8	96.1	96.7	96.7	96.9	97.0	97.0	97.
GE 700	79.1	81.7	85.4	88.5	93.4	94.7	97.1	97.8	98.0	98.2	98.3	98.3	98.
GE 600	79.1	81.7	85.4	88.5	93.5	94.8	97.4	98.2	98.5	98.7	98.8	98.8	98.
GE 500	79.1	81.7	85.4	88.5	93.5	94.8	97.4	98.4	98.7	98.9	99.0	99.1	99.
GE 400	79.1	81.7	85.4	88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.
GE 300	79.1	81.7	85.4	88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.
GE 200	79.1	81.7	85.4	88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.
GE 100	79.1	81.7	85.4	88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.
GE 000	79.1	81.7	85.4	88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAR HOURS: 21-23

	VISIBILITY IN STATUTE MILES											
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
40.1	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9	40.9
43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
43.3	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
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
44.9	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7	45.7
48.3	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
48.4	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
53.5	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
55.7	56.5	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
56.6	57.3	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4	57.4
59.2	60.3	60.4	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.8	60.8
62.6	63.8	64.0	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.3	64.3
66.9	68.1	68.3	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.5	68.6	68.6
70.4	71.7	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.3	72.3
73.6	75.1	75.3	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.7	75.7
78.1	80.2	80.5	81.1	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.3	81.3
81.0	83.9	84.3	85.4	85.5	85.5	85.7	85.7	85.7	85.7	85.7	85.8	85.8
81.7	84.6	85.1	86.1	86.2	86.2	86.5	86.5	86.5	86.5	86.5	86.6	86.6
84.3	87.6	88.1	89.1	89.5	89.5	89.7	89.7	89.7	89.8	89.8	89.9	89.9
85.5	89.4	89.9	91.3	91.7	91.7	91.9	91.9	91.9	92.0	92.0	92.2	92.2
86.3	90.6	91.4	93.2	93.7	93.7	93.9	93.9	93.9	94.0	94.0	94.1	94.1
87.5	91.7	92.6	94.8	95.3	95.3	95.5	95.5	95.5	95.6	95.6	95.7	95.7
88.0	92.6	93.8	96.1	96.7	96.7	96.9	97.0	97.0	97.1	97.1	97.2	97.2
88.5	93.4	94.7	97.1	97.8	98.0	98.2	98.3	98.3	98.4	98.4	98.5	98.5
88.5	93.5	94.8	97.4	98.2	98.5	98.7	98.8	98.8	98.9	98.9	99.0	99.0
88.5	93.5	94.8	97.4	98.4	98.7	98.9	99.0	99.1	99.2	99.4	99.5	99.5
88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0
88.5	93.5	94.9	97.8	98.8	99.1	99.5	99.6	99.7	99.8	99.9	100.0	100.0

930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: MAR HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	36.3	36.9	37.6	38.2	38.9	39.0	39.2	39.2	39.3	39.3	39.3	39.3	39.4
GE 20000	40.0	40.8	41.6	42.3	43.0	43.0	43.3	43.4	43.4	43.5	43.5	43.5	43.5
GE 18000	40.2	41.0	41.8	42.5	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7
GE 16000	40.2	41.0	41.8	42.5	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7
GE 14000	40.6	41.4	42.2	42.9	43.6	43.6	43.9	44.0	44.0	44.1	44.1	44.1	44.1
GE 12000	41.6	42.4	43.3	43.9	44.6	44.7	44.9	45.0	45.1	45.1	45.1	45.1	45.2
GE 10000	44.3	45.2	46.1	46.8	47.5	47.6	47.9	48.0	48.0	48.1	48.1	48.1	48.1
GE 9000	44.6	45.5	46.4	47.1	47.8	47.9	48.2	48.3	48.3	48.4	48.4	48.4	48.4
GE 8000	48.4	49.6	50.7	51.5	52.3	52.4	52.6	52.8	52.8	52.9	52.9	52.9	52.9
GE 7000	50.1	51.4	52.5	53.4	54.2	54.2	54.5	54.6	54.7	54.7	54.7	54.7	54.8
GE 6000	50.8	52.1	53.2	54.1	54.9	55.0	55.3	55.4	55.5	55.5	55.5	55.5	55.6
GE 5000	53.2	54.6	55.8	56.8	57.7	57.9	58.2	58.4	58.4	58.5	58.5	58.5	58.5
GE 4500	55.7	57.3	58.6	59.9	60.9	61.1	61.4	61.5	61.6	61.7	61.7	61.7	61.7
GE 4000	59.2	60.8	62.3	63.7	64.8	65.0	65.4	65.5	65.6	65.7	65.7	65.7	65.7
GE 3500	61.9	63.7	65.3	66.9	68.2	68.4	68.8	69.0	69.0	69.1	69.1	69.1	69.1
GE 3000	65.2	67.2	69.1	70.8	72.4	72.7	73.2	73.4	73.4	73.5	73.5	73.5	73.5
GE 2500	69.7	72.0	74.4	76.5	78.5	78.8	79.5	79.7	79.8	79.9	79.9	79.9	80.0
GE 2000	71.8	74.4	77.0	79.4	81.8	82.3	83.1	83.5	83.6	83.8	83.8	83.8	83.9
GE 1800	72.2	74.9	77.6	80.0	82.4	83.0	83.9	84.2	84.3	84.5	84.5	84.5	84.6
GE 1500	74.0	77.2	80.4	83.1	85.8	86.4	87.5	88.0	88.1	88.3	88.4	88.4	88.5
GE 1200	75.2	78.8	82.3	85.3	88.3	89.0	90.3	91.1	91.2	91.4	91.5	91.5	91.6
GE 1000	75.7	79.6	83.3	86.7	90.0	90.8	92.4	93.1	93.2	93.5	93.6	93.6	93.7
GE 900	76.1	80.1	83.9	87.5	91.1	92.1	93.8	94.6	94.8	95.0	95.1	95.2	95.3
GE 800	76.3	80.4	84.4	88.1	91.9	93.1	95.0	95.9	96.0	96.3	96.5	96.5	96.6
GE 700	76.4	80.5	84.6	88.5	92.6	93.8	95.9	96.8	96.9	97.3	97.4	97.5	97.6
GE 600	76.5	80.6	84.7	88.8	93.1	94.3	96.5	97.5	97.8	98.2	98.3	98.4	98.5
GE 500	76.5	80.6	84.7	88.8	93.1	94.4	96.7	97.9	98.1	98.6	98.8	98.9	99.0
GE 400	76.5	80.6	84.8	88.8	93.2	94.5	97.0	98.3	98.5	99.0	99.3	99.4	99.5
GE 300	76.5	80.6	84.8	88.8	93.2	94.5	97.0	98.3	98.6	99.1	99.4	99.5	99.7
GE 200	76.5	80.6	84.8	88.8	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7
GE 100	76.5	80.6	84.8	88.8	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7
GE 000	76.5	80.6	84.8	88.8	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAR HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	38.2	38.9	39.0	39.2	39.2	39.3	39.3	39.3	39.3	39.4	39.4	39.4	39.4
	42.3	43.0	43.0	43.3	43.4	43.4	43.5	43.5	43.5	43.5	43.5	43.5	43.5
	42.5	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8
	42.5	43.2	43.2	43.5	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.8
	42.9	43.6	43.6	43.9	44.0	44.0	44.1	44.1	44.1	44.1	44.1	44.1	44.2
	43.9	44.6	44.7	44.9	45.0	45.1	45.1	45.1	45.1	45.2	45.2	45.2	45.2
	46.8	47.5	47.6	47.9	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1
	47.1	47.8	47.9	48.2	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	51.5	52.3	52.4	52.6	52.8	52.8	52.9	52.9	52.9	52.9	52.9	52.9	53.0
	53.4	54.2	54.2	54.5	54.6	54.7	54.7	54.7	54.7	54.8	54.8	54.8	54.8
	54.1	54.9	55.0	55.3	55.4	55.5	55.5	55.5	55.5	55.6	55.6	55.6	55.6
	57.3	57.7	57.9	58.2	58.4	58.4	58.5	58.5	58.5	58.5	58.5	58.6	58.6
	60.9	60.9	61.1	61.4	61.5	61.6	61.7	61.7	61.7	61.7	61.7	61.7	61.8
	63.7	64.8	65.0	65.4	65.5	65.5	65.7	65.7	65.7	65.7	65.7	65.8	65.8
	66.9	67.2	68.4	68.8	69.0	69.0	69.1	69.1	69.1	69.1	69.1	69.2	69.2
	70.8	72.4	72.7	73.2	73.4	73.4	73.5	73.5	73.5	73.5	73.5	73.6	73.6
	76.6	78.5	78.8	79.5	79.7	79.8	79.9	79.9	79.9	80.0	80.0	80.0	80.0
	78.4	81.8	82.3	83.1	83.5	83.6	83.8	83.8	83.8	83.8	83.8	83.9	83.9
	80.0	82.4	83.0	83.9	84.2	84.3	84.5	84.5	84.5	84.6	84.6	84.6	84.6
	83.1	85.8	86.4	87.5	88.0	88.1	88.3	88.4	88.4	88.5	88.5	88.5	88.5
	85.3	88.3	89.0	90.3	91.1	91.2	91.4	91.5	91.5	91.6	91.6	91.7	91.7
	86.7	90.0	90.8	92.4	93.1	93.2	93.5	93.6	93.6	93.7	93.7	93.8	93.8
	87.5	91.1	92.1	93.8	94.6	94.8	95.0	95.1	95.2	95.3	95.3	95.3	95.3
	89.1	91.9	93.1	95.0	95.9	96.0	96.3	96.5	96.5	96.6	96.6	96.7	96.7
	89.5	92.6	93.8	95.9	96.8	96.9	97.3	97.4	97.5	97.6	97.6	97.7	97.7
	89.8	93.1	94.3	96.5	97.5	97.8	98.2	98.3	98.4	98.5	98.5	98.6	98.6
	90.3	93.1	94.4	96.7	97.9	98.1	98.6	98.8	98.9	99.0	99.0	99.2	99.2
	90.3	93.2	94.5	97.0	98.3	98.5	99.0	99.3	99.4	99.5	99.6	99.7	99.7
	90.3	93.2	94.5	97.0	98.3	98.6	99.1	99.4	99.5	99.7	99.7	99.9	99.9
	90.3	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7	99.8	99.9	100.0
	90.3	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7	99.8	99.9	100.0
	90.3	93.2	94.5	97.0	98.3	98.6	99.2	99.5	99.6	99.7	99.8	99.9	100.0

7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: APR HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	45.8	46.9	47.4	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 20000	49.1	50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 18000	49.1	50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 16000	49.1	50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 14000	49.1	50.6	51.2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2
GE 12000	50.0	51.4	52.1	52.6	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 10000	53.7	55.1	55.8	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 9000	55.2	56.7	57.3	57.8	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 8000	61.4	62.9	63.6	64.3	64.7	64.7	64.9	64.9	64.9	64.9	65.0	65.0	65.0
GE 7000	62.6	64.0	64.7	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.1
GE 6000	63.6	65.0	65.7	66.4	66.8	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1
GE 5000	67.0	68.4	69.1	69.9	70.2	70.2	70.6	70.6	70.6	70.6	70.7	70.7	70.7
GE 4500	70.6	72.1	73.3	74.1	74.4	74.4	74.9	74.9	74.9	74.9	75.0	75.0	75.0
GE 4000	74.4	76.0	77.7	78.4	78.9	78.9	79.3	79.3	79.3	79.3	79.4	79.4	79.4
GE 3500	76.3	78.0	80.0	80.9	81.3	81.4	81.9	81.9	81.9	81.9	82.0	82.0	82.0
GE 3000	78.8	80.6	82.9	83.7	84.1	84.2	84.7	84.7	84.7	84.7	84.8	84.8	84.8
GE 2500	81.4	83.2	85.0	87.1	87.6	87.7	88.2	88.2	88.2	88.2	88.3	88.3	88.3
GE 2000	84.0	86.0	88.4	90.7	91.2	91.3	92.0	92.0	92.0	92.0	92.1	92.1	92.1
GE 1800	84.4	86.8	90.4	91.7	92.4	92.6	93.3	93.3	93.3	93.3	93.4	93.4	93.4
GE 1500	86.1	88.7	92.3	93.6	94.3	94.6	95.4	95.7	95.7	95.7	95.8	95.8	95.9
GE 1200	86.6	89.1	93.0	94.2	95.0	95.3	96.2	96.4	96.4	96.4	96.6	96.6	96.6
GE 1000	86.9	89.4	93.3	94.7	95.4	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2
GE 900	86.9	89.6	93.4	94.9	95.8	96.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6
GE 800	86.9	89.6	93.6	95.1	96.1	96.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9
GE 700	87.0	89.7	93.7	95.6	96.6	97.0	98.3	98.6	98.6	98.6	98.7	98.7	98.7
GE 600	87.1	89.8	93.8	95.7	96.7	97.1	98.6	99.0	99.0	99.0	99.1	99.1	99.1
GE 500	87.1	89.8	93.9	95.8	96.8	97.2	98.7	99.1	99.2	99.3	99.4	99.4	99.6
GE 400	87.1	89.8	93.9	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9
GE 300	87.1	89.8	93.9	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9
GE 200	87.1	89.8	93.9	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9
GE 100	87.1	89.8	93.9	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9
GE 000	87.1	89.8	93.9	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: APR HOURS: 00-02

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
-	47.7	47.8	47.8	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.1
	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
)	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
2	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
3	51.7	52.0	52.0	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.2	52.3
1	52.6	52.9	52.9	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.2
	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.9
3	57.8	58.1	58.1	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.4
5	64.3	64.7	64.7	64.9	64.9	64.9	64.9	65.0	65.0	65.0	65.0	65.0	65.1
7	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.2
7	66.4	66.8	66.8	67.0	67.0	67.0	67.0	67.1	67.1	67.1	67.1	67.1	67.2
1	69.9	70.2	70.2	70.6	70.6	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.8
3	74.1	74.4	74.4	74.9	74.9	74.9	74.9	75.0	75.0	75.0	75.0	75.0	75.1
7	78.4	78.9	78.9	79.3	79.3	79.3	79.3	79.4	79.4	79.4	79.4	79.4	79.6
1	80.9	81.3	81.4	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.0	82.0	82.1
1	83.7	84.1	84.2	84.7	84.7	84.7	84.7	84.8	84.8	84.8	84.8	84.8	84.9
1	87.1	87.6	87.7	88.2	88.2	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.4
1	90.7	91.2	91.3	92.0	92.0	92.0	92.0	92.1	92.1	92.1	92.1	92.1	92.2
1	91.7	92.4	92.6	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.4	93.4	93.6
1	93.6	94.3	94.6	95.4	95.7	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.9
1	94.2	95.0	95.3	96.2	96.4	96.4	96.4	96.6	96.6	96.6	96.6	96.6	96.7
1	94.7	95.4	95.9	96.9	97.1	97.1	97.1	97.2	97.2	97.2	97.2	97.2	97.3
1	94.9	95.8	96.2	97.2	97.4	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.7
1	95.1	96.1	96.6	97.6	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	98.0
1	95.6	96.6	97.0	98.3	98.6	98.6	98.6	98.7	98.7	98.7	98.7	98.7	98.8
1	95.7	96.7	97.1	98.6	99.0	99.0	99.0	99.1	99.1	99.1	99.1	99.1	99.2
1	95.9	96.8	97.2	98.7	99.1	99.2	99.3	99.4	99.4	99.6	99.6	99.6	99.7
1	95.3	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
1	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
1	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
1	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0
1	95.8	96.9	97.3	99.0	99.4	99.6	99.7	99.8	99.8	99.9	99.9	99.9	100.0

S 900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: APR HOURS: 03

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	45.6	46.0	47.4	48.0	48.6	48.9	48.9	49.1	49.1	49.1	49.1	49.1
GE 20000	48.0	48.4	49.9	50.4	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7
GE 18000	48.0	48.4	49.9	50.4	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7
GE 16000	48.0	48.4	49.9	50.4	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7
GE 14000	48.3	48.8	50.2	50.8	51.4	51.8	51.8	52.0	52.0	52.0	52.0	52.0
GE 12000	49.3	49.8	51.2	51.8	52.4	52.8	52.8	53.0	53.0	53.0	53.0	53.0
GE 10000	53.0	53.6	55.0	55.6	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8
GE 9000	54.4	55.0	56.4	57.0	57.7	58.0	58.0	58.2	58.2	58.2	58.2	58.2
GE 8000	58.0	58.6	60.2	60.9	61.8	62.1	62.2	62.4	62.4	62.4	62.6	62.6
GE 7000	60.0	60.8	62.4	63.2	64.2	64.6	64.7	64.9	64.9	64.9	65.0	65.0
GE 6000	61.4	62.2	63.9	64.8	65.9	66.2	66.3	66.6	66.6	66.6	66.7	66.7
GE 5000	63.9	64.7	66.6	67.6	68.8	69.1	69.6	69.8	69.8	69.8	69.9	69.9
GE 4500	67.1	67.9	70.0	71.0	72.2	72.7	73.1	73.3	73.3	73.3	73.4	73.4
GE 4000	70.4	71.2	73.6	74.7	76.3	76.8	77.2	77.4	77.4	77.4	77.6	77.6
GE 3500	72.4	73.4	75.8	77.0	78.8	79.2	79.9	80.1	80.1	80.1	80.2	80.2
GE 3000	75.1	76.2	78.6	80.0	81.8	82.2	82.9	83.1	83.1	83.1	83.2	83.2
GE 2500	77.6	78.8	81.7	83.3	85.3	85.8	86.6	86.8	86.8	86.8	86.9	86.9
GE 2000	79.4	80.9	84.0	85.8	88.1	88.7	89.6	89.8	89.8	89.8	89.9	89.9
GE 1800	79.7	81.1	84.2	86.0	88.3	88.9	89.8	90.0	90.0	90.0	90.1	90.1
GE 1500	80.4	82.6	86.0	87.9	90.4	91.0	91.9	92.1	92.1	92.1	92.2	92.2
GE 1200	82.0	84.1	88.0	90.4	93.0	93.7	94.6	94.9	94.9	94.9	95.0	95.0
GE 1000	82.3	84.7	88.8	91.2	93.9	94.6	95.6	96.0	96.0	96.0	96.1	96.2
GE 900	82.3	84.7	88.8	91.2	93.9	94.8	95.8	96.2	96.2	96.2	96.3	96.4
GE 800	82.7	85.1	89.2	91.7	94.3	95.2	96.2	96.7	96.7	96.7	96.9	96.9
GE 700	83.0	85.4	90.1	92.6	95.3	96.2	97.4	97.9	97.9	97.9	98.0	98.1
GE 600	83.0	85.4	90.1	92.6	95.7	96.6	97.8	98.2	98.2	98.2	98.3	98.4
GE 500	83.0	85.4	90.1	92.6	95.8	96.7	97.9	98.3	98.3	98.4	98.6	98.7
GE 400	83.0	85.4	90.1	92.6	95.8	96.7	97.9	98.4	98.6	98.8	98.9	99.0
GE 300	83.0	85.4	90.1	92.6	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1
GE 200	83.0	85.4	90.1	92.6	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1
GE 100	83.0	85.4	90.1	92.6	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1
GE 000	83.0	85.4	90.1	92.6	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: APR HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	48.6	48.9	48.9	49.1	49.1	49.1	49.1	49.1	49.3	49.3	49.4	49.6
GE 20000	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.1
GE 18000	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.1
GE 16000	51.1	51.4	51.4	51.7	51.7	51.7	51.7	51.7	51.9	51.9	52.0	52.1
GE 14000	51.4	51.8	51.8	52.0	52.0	52.0	52.0	52.0	52.2	52.2	52.3	52.4
GE 12000	52.4	52.8	52.8	53.0	53.0	53.0	53.0	53.0	53.2	53.2	53.3	53.4
GE 10000	56.2	56.6	56.6	56.8	56.8	56.8	56.8	56.8	57.0	57.0	57.1	57.2
GE 9000	57.7	58.0	58.0	58.2	58.2	58.2	58.2	58.2	58.4	58.4	58.6	58.7
GE 8000	61.8	62.1	62.2	62.4	62.4	62.4	62.6	62.6	62.8	62.8	62.9	63.0
GE 7000	64.2	64.6	64.7	64.9	64.9	64.9	65.0	65.0	65.2	65.2	65.3	65.4
GE 6000	65.9	66.2	66.3	66.6	66.6	66.6	66.7	66.7	66.9	66.9	67.0	67.1
GE 5000	68.8	69.1	69.6	69.8	69.8	69.8	69.9	69.9	70.1	70.1	70.2	70.3
GE 4500	72.2	72.7	73.1	73.3	73.3	73.3	73.4	73.4	73.7	73.7	73.8	73.9
GE 4000	76.3	76.8	77.2	77.4	77.4	77.4	77.6	77.6	77.8	77.8	77.9	78.0
GE 3500	78.8	79.2	79.9	80.1	80.1	80.1	80.2	80.2	80.4	80.4	80.6	80.7
GE 3000	81.3	82.2	82.9	83.1	83.1	83.1	83.2	83.2	83.4	83.4	83.6	83.7
GE 2500	85.3	85.8	86.6	86.8	86.8	86.8	86.9	86.9	87.1	87.1	87.2	87.3
GE 2000	88.1	88.7	89.6	89.8	89.8	89.8	89.9	89.9	90.1	90.1	90.2	90.3
GE 1800	88.3	88.9	89.8	90.0	90.0	90.0	90.1	90.1	90.3	90.3	90.4	90.6
GE 1600	90.4	91.0	91.9	92.1	92.1	92.1	92.2	92.2	92.4	92.4	92.6	92.7
GE 1400	93.0	93.7	94.6	94.9	94.9	94.9	95.0	95.0	95.2	95.2	95.3	95.4
GE 1200	93.9	94.6	95.6	96.0	96.0	96.0	96.1	96.2	96.4	96.4	96.6	96.7
GE 1000	93.9	94.8	95.8	96.2	96.2	96.2	96.3	96.4	96.7	96.7	96.8	96.9
GE 900	94.3	95.2	96.2	96.7	96.7	96.7	96.8	96.9	97.1	97.1	97.2	97.3
GE 800	95.3	96.2	97.4	97.9	97.9	97.9	98.0	98.1	98.3	98.4	98.6	98.7
GE 700	95.7	96.6	97.8	98.2	98.2	98.2	98.3	98.4	98.7	98.8	98.9	99.0
GE 600	95.9	96.7	97.9	98.3	98.3	98.4	98.6	98.7	98.9	99.0	99.1	99.2
GE 500	95.9	96.7	97.9	98.4	98.5	98.8	98.9	99.0	99.2	99.3	99.4	99.6
GE 400	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1	99.3	99.4	99.6	99.7
GE 300	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1	99.4	99.6	99.7	99.8
GE 200	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1	99.6	99.7	99.9	100.0
GE 100	95.8	96.7	97.9	98.6	98.7	98.9	99.0	99.1	99.6	99.7	99.9	100.0

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: APR HOURS: 0

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	34.1	36.2	39.7	41.1	43.0	43.3	44.1	44.3	44.3	44.9	45.0	45.0
GE 20000	37.7	40.3	44.0	45.4	47.3	47.7	48.4	48.7	48.7	49.2	49.3	49.3
GE 18000	37.3	40.4	44.1	45.6	47.4	47.8	48.6	48.9	48.9	49.3	49.4	49.4
GE 16000	37.8	40.4	44.1	45.6	47.4	47.8	48.6	48.8	48.8	49.3	49.4	49.4
GE 14000	37.3	40.4	44.1	45.6	47.4	47.9	48.7	48.9	48.9	49.4	49.6	49.6
GE 12000	38.0	41.0	44.7	46.2	48.1	48.6	49.3	49.6	49.6	50.1	50.2	50.2
GE 10000	41.3	44.4	48.2	49.8	51.9	52.3	53.2	53.4	53.4	54.0	54.1	54.1
GE 9000	42.2	45.4	49.3	51.2	53.3	53.8	54.7	54.9	54.9	55.4	55.5	55.5
GE 8000	45.9	49.2	54.0	56.3	58.3	59.3	60.7	61.1	61.1	61.7	61.8	61.8
GE 7000	46.0	51.9	56.2	58.6	61.0	61.7	63.0	63.7	63.7	64.2	64.3	64.3
GE 6000	48.7	52.7	57.0	59.6	62.2	62.9	64.3	65.0	65.0	65.6	65.7	65.7
GE 5000	51.1	55.2	59.9	62.4	65.4	66.2	67.9	68.6	68.6	69.3	69.4	69.4
GE 4500	53.2	57.4	62.4	65.2	68.3	69.6	71.2	71.9	71.9	72.7	72.8	72.8
GE 4000	55.7	60.4	66.3	69.4	73.1	73.9	75.6	76.2	76.2	77.1	77.2	77.2
GE 3500	57.7	62.6	68.7	71.9	75.6	76.3	78.0	78.7	78.7	79.6	79.7	79.7
GE 3000	59.9	65.1	71.4	74.9	78.6	79.3	81.0	81.7	81.7	82.7	82.8	82.8
GE 2500	61.9	67.2	73.7	77.3	81.0	81.9	83.6	84.2	84.2	85.2	85.3	85.3
GE 2000	63.7	69.1	76.1	79.9	83.3	84.7	86.7	87.3	87.3	88.3	88.4	88.4
GE 1800	64.1	69.9	76.9	80.7	84.6	85.4	87.4	88.1	88.1	89.1	89.2	89.2
GE 1500	64.3	70.9	78.4	82.6	86.5	87.7	89.7	90.3	90.4	91.4	91.6	91.6
GE 1200	65.8	71.9	80.1	84.6	88.9	90.1	92.2	92.9	93.0	94.0	94.1	94.1
GE 1000	66.4	72.9	81.0	85.6	90.1	91.3	93.4	94.1	94.2	95.2	95.4	95.4
GE 900	66.7	72.9	81.3	86.2	90.8	92.0	94.1	94.9	95.0	96.0	96.2	96.2
GE 800	66.7	72.9	81.3	86.3	91.3	92.5	94.8	95.7	95.8	96.9	97.1	97.1
GE 700	66.8	72.9	81.4	86.4	91.4	92.7	95.0	95.9	96.0	97.2	97.4	97.4
GE 600	66.9	73.0	81.6	86.6	91.6	92.8	95.1	96.0	96.1	97.3	97.5	97.6
GE 500	66.9	73.0	81.6	86.6	91.7	92.9	95.4	96.3	96.4	97.7	97.9	97.9
GE 400	66.9	73.0	81.6	86.6	91.7	92.9	95.6	96.4	96.5	98.0	98.2	98.2
GE 300	66.9	73.0	81.6	86.6	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6
GE 200	66.9	73.0	81.6	86.6	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6
GE 100	66.9	73.0	81.6	86.6	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6
GE 000	66.9	73.0	81.6	86.6	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH
LST TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR HOURS: 06-08

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.7	41.1	43.0	43.3	44.1	44.3	44.3	44.9	45.0	45.0	45.0	45.1	45.1	45.4
.	46.4	47.3	47.7	48.4	48.7	48.7	49.2	49.3	49.3	49.3	49.4	49.4	49.8
.1	46.5	47.4	47.8	48.6	48.8	48.8	49.3	49.4	49.4	49.4	49.6	49.6	49.9
.1	46.5	47.4	47.8	48.6	48.8	48.8	49.3	49.4	49.4	49.4	49.6	49.6	49.9
.1	46.6	47.4	47.9	48.7	48.9	48.9	49.4	49.6	49.6	49.6	49.7	49.7	50.0
.7	46.2	48.1	48.6	49.3	49.6	49.6	50.1	50.2	50.2	50.2	50.3	50.3	50.7
.	48.8	51.9	52.3	53.2	53.4	53.4	54.0	54.1	54.1	54.1	54.2	54.2	54.6
.2	51.2	53.3	53.8	54.7	54.9	54.9	55.4	55.6	55.6	55.6	55.7	55.7	56.0
.3	56.8	58.9	59.3	60.7	61.1	61.1	61.7	61.8	61.8	61.8	61.9	61.9	62.2
.3	58.6	61.0	61.7	63.0	63.7	63.7	64.2	64.3	64.3	64.3	64.4	64.4	64.8
.	59.6	62.2	62.9	64.3	65.0	65.0	65.6	65.7	65.7	65.7	65.8	65.8	66.1
.	62.4	66.4	66.2	67.9	68.6	68.6	69.3	69.4	69.4	69.4	69.6	69.6	69.9
.	65.2	68.9	69.6	71.2	71.9	71.9	72.7	72.8	72.8	72.8	72.9	72.9	73.2
.3	69.4	73.1	73.9	75.6	76.2	76.2	77.1	77.2	77.2	77.2	77.3	77.3	77.7
.7	71.9	75.6	76.3	78.0	78.7	78.7	79.6	79.7	79.7	79.7	79.8	79.8	80.1
.9	74.9	78.6	79.3	81.0	81.7	81.7	82.7	82.8	82.8	82.8	82.9	82.9	83.2
.7	77.3	81.0	81.9	83.6	84.2	84.2	85.2	85.3	85.3	85.3	85.4	85.4	85.5
.1	78.3	83.3	84.7	86.7	87.3	87.3	88.3	88.4	88.4	88.4	88.6	88.6	88.9
.3	80.7	84.6	85.4	87.4	88.1	88.1	89.1	89.2	89.2	89.2	89.3	89.3	89.7
.4	82.6	86.6	87.7	89.7	90.3	90.4	91.4	91.6	91.6	91.6	91.7	91.7	92.0
..	84.6	88.9	90.1	92.2	92.9	93.0	94.0	94.1	94.1	94.2	94.3	94.3	94.7
..	85.6	90.1	91.3	93.4	94.1	94.2	95.2	95.4	95.4	95.6	95.7	95.7	96.0
..	86.2	90.8	92.0	94.1	94.9	95.0	96.0	96.2	96.2	96.3	96.5	96.5	96.9
..	86.3	91.3	92.5	94.8	95.7	95.8	96.9	97.1	97.1	97.2	97.4	97.4	97.8
..	86.4	91.4	92.7	95.0	95.9	96.0	97.2	97.4	97.4	97.6	97.8	97.9	98.2
.	86.6	91.6	92.8	95.1	96.0	96.1	97.3	97.5	97.6	97.7	97.9	98.0	98.3
..	86.8	91.7	92.9	95.4	96.3	96.4	97.7	97.9	97.9	98.0	98.2	98.3	98.7
..	86.9	91.7	92.9	95.6	96.4	96.5	98.0	98.2	98.2	98.3	98.6	98.7	99.0
.5	86.9	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6	98.7	98.9	99.0	99.4
..	86.9	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6	98.7	99.1	99.6	100.0
..	86.9	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6	98.7	99.1	99.6	100.0
..	86.9	91.7	92.9	95.7	96.7	96.8	98.3	98.6	98.6	98.7	99.1	99.6	100.0
.5	900												

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: APR HOURS: 09-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	39.1	41.2	42.3	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43
GE 20000	44.1	46.6	47.3	48.3	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48
GE 18000	44.2	46.7	47.9	48.4	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48
GE 16000	44.2	46.7	47.9	48.4	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48
GE 14000	44.6	47.0	48.2	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49
GE 12000	45.4	48.0	49.3	49.9	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50
GE 10000	47.1	50.7	52.1	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53
GE 9000	48.0	52.0	54.7	55.3	55.4	55.7	55.8	55.9	55.9	55.9	55.9	55.9	55
GE 8000	53.6	57.2	59.9	59.9	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60
GE 7000	56.3	59.4	62.4	63.2	63.3	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63
GE 6000	56.9	61.3	63.0	63.8	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64
GE 5000	62.3	63.0	65.0	65.8	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66
GE 4500	63.7	64.1	66.2	67.2	67.3	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68
GE 4000	65.3	66.0	68.4	69.6	69.9	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71
GE 3500	68.6	68.2	70.7	72.0	72.8	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74
GE 3000	69.3	71.4	74.0	75.6	76.5	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78
GE 2500	69.3	74.7	77.9	79.8	79.8	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81
GE 2000	72.2	77.5	80.7	82.4	83.6	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86
GE 1800	73.1	78.9	81.8	83.6	84.8	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87
GE 1500	74.4	81.1	84.5	85.7	87.9	89.7	90.6	90.6	90.7	90.7	90.8	90.8	90
GE 1200	75.7	82.3	85.4	86.7	90.7	92.7	93.8	93.8	93.9	94.1	94.2	94.2	94
GE 1000	76.2	83.4	87.4	89.3	93.0	94.0	95.3	95.6	95.7	96.0	96.1	96.2	96
GE 900	76.2	83.6	87.6	90.1	93.3	94.3	95.7	96.1	96.3	96.7	96.9	97.0	97
GE 800	76.3	83.9	88.0	90.7	93.8	95.2	96.6	97.0	97.2	97.6	97.9	98.0	98
GE 700	76.3	84.0	88.2	90.9	93.3	95.6	96.9	97.4	97.7	98.0	98.3	98.4	98
GE 600	76.3	84.0	88.2	91.0	93.7	96.1	97.4	98.0	98.3	98.7	99.0	99.1	99
GE 500	76.3	84.0	88.2	91.0	93.7	96.2	97.6	98.3	98.7	99.1	99.4	99.5	99
GE 400	76.3	84.0	88.2	91.0	93.8	96.3	97.7	98.4	98.8	99.2	99.6	99.7	99
GE 300	76.3	84.0	88.2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100
GE 200	76.3	84.0	88.2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100
GE 100	76.3	84.0	88.2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100
GE 000	76.3	84.0	88.2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: APR HOURS: 09-11

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
5	42.9	42.9	43.1	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2	43.2
0	48.3	48.4	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8	48.8
0	48.4	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
0	48.4	48.6	48.8	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9	48.9
0	48.8	48.9	49.1	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2	49.2
0	49.9	50.0	50.2	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3	50.3
1	52.7	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
2	55.3	55.4	55.7	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9	55.9
2	59.9	60.0	60.2	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
4	63.2	63.3	63.6	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
5	63.8	63.9	64.2	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
6	65.4	65.9	66.3	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
7	67.2	67.3	68.2	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
4	69.6	69.9	71.2	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
7	72.0	72.8	74.3	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
0	75.6	76.6	78.1	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
9	78.8	79.8	81.3	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
7	82.4	83.6	85.1	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
3	83.6	84.9	86.3	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
5	86.7	87.9	89.7	90.6	90.6	90.7	90.7	90.8	90.8	90.8	90.8	90.8	90.8
4	88.7	90.7	92.7	93.8	93.8	93.9	94.1	94.2	94.2	94.3	94.3	94.3	94.3
4	89.8	92.0	94.0	95.3	95.6	95.7	96.0	96.1	96.2	96.3	96.3	96.3	96.3
5	90.1	92.3	94.3	95.7	96.1	96.3	96.7	96.9	97.0	97.1	97.1	97.1	97.1
0	90.7	93.0	95.2	96.6	97.0	97.2	97.6	97.9	98.0	98.1	98.1	98.1	98.1
2	90.9	93.3	95.6	96.9	97.4	97.7	98.0	98.3	98.4	98.6	98.6	98.6	98.6
2	91.0	93.7	96.1	97.4	98.0	98.3	98.7	99.0	99.1	99.2	99.2	99.2	99.2
2	91.0	93.7	96.2	97.6	98.3	98.7	99.1	99.4	99.6	99.7	99.7	99.7	99.7
2	91.0	93.8	96.3	97.7	98.4	98.8	99.2	99.6	99.7	99.9	99.9	99.9	99.9
2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100.0	100.0	100.0	100.0
2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100.0	100.0	100.0	100.0
2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100.0	100.0	100.0	100.0
2	91.0	93.8	96.3	97.7	98.4	98.9	99.3	99.7	99.8	100.0	100.0	100.0	100.0

S 900

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 — MONTH: APR — HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	38.9	39.5	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
GE 20000	46.6	47.3	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
GE 18000	46.7	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 16000	46.7	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 14000	46.7	47.4	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
GE 12000	48.2	49.1	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
GE 10000	50.2	51.2	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
GE 9000	51.8	53.4	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
GE 8000	54.7	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
GE 7000	56.8	58.5	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
GE 6000	57.5	59.3	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
GE 5000	60.6	62.4	62.8	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 4500	60.8	63.1	63.5	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 4000	62.6	65.1	66.0	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5
GE 3500	67.7	70.2	71.3	71.4	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 3000	72.5	75.1	76.2	76.3	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2
GE 2500	77.6	80.3	81.4	81.6	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0
GE 2000	82.5	85.9	87.2	87.4	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9
GE 1800	83.5	87.0	88.3	88.5	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0
GE 1500	85.5	89.2	90.8	91.2	92.1	92.1	93.0	93.0	93.0	93.0	93.1	93.1	93.1
GE 1200	87.7	91.3	93.4	94.5	95.9	95.9	96.8	96.8	96.8	96.8	96.9	97.0	97.0
GE 1000	88.1	92.0	94.2	95.4	96.9	96.9	97.9	97.9	97.9	97.9	98.0	98.2	98.2
GE 900	88.3	92.2	94.4	95.8	97.4	97.4	98.4	98.4	98.4	98.4	98.6	98.8	98.8
GE 800	88.5	92.4	94.8	96.1	97.9	97.9	98.9	98.9	98.9	98.9	99.0	99.2	99.2
GE 700	88.5	92.4	94.8	96.1	98.0	98.0	99.0	99.0	99.0	99.0	99.1	99.3	99.3
GE 600	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 500	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 400	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 300	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 200	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 100	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
GE 000	88.5	92.4	94.9	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 899

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: APR HOURS: 12-14

CEILING GE	VISIBILITY IN STATUTE MILES GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6	39.6
	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5	47.5
	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6	47.6
	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3	49.3
	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4	51.4
	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6	53.6
	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5	56.5
	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
	59.6	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
	62.8	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
	63.5	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
	66.0	66.3	66.3	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5	66.5
	71.4	71.9	71.9	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
	76.3	76.8	76.8	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
	81.5	82.4	82.4	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
	87.4	88.2	88.2	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
	88.5	89.3	89.3	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0	90.0
	91.2	92.1	92.1	93.0	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.1	93.1
	94.5	95.9	95.9	96.8	96.8	96.8	96.8	96.9	97.0	97.0	97.0	97.0	97.0
	95.4	96.9	96.9	97.9	97.9	97.9	97.9	98.0	98.2	98.2	98.2	98.2	98.2
	95.8	97.4	97.4	98.4	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8
	96.1	97.9	97.9	98.9	98.9	98.9	98.9	99.0	99.2	99.2	99.2	99.2	99.2
	96.1	98.0	98.0	99.0	99.0	99.0	99.0	99.1	99.3	99.3	99.3	99.3	99.3
	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0
	96.3	98.3	98.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0	100.0	100.0	100.0

899

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

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: APR HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	37.3	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
GE 20000	45.6	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 18000	45.6	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 16000	45.6	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
GE 14000	45.9	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
GE 12000	47.3	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 10000	50.2	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 9000	50.7	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
GE 8000	53.9	54.6	54.6	54.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
GE 7000	55.7	56.3	56.3	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
GE 6000	56.3	57.0	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
GE 5000	59.3	60.0	60.2	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 4500	62.3	63.7	64.0	64.1	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
GE 4000	65.9	67.4	67.8	67.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
GE 3500	70.6	72.1	72.4	72.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 3000	77.3	79.1	80.0	80.4	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6
GE 2500	84.4	86.9	88.1	88.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2
GE 2000	87.6	91.0	92.6	93.1	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8
GE 1800	87.7	91.1	92.7	93.3	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0
GE 1500	89.1	92.9	94.6	95.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1200	89.6	93.4	95.2	96.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1
GE 1000	89.6	93.4	95.2	96.3	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.4	98.4
GE 900	89.7	93.6	95.7	96.9	98.1	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.4
GE 800	89.8	93.7	95.8	97.0	98.2	98.8	99.3	99.3	99.3	99.4	99.4	99.7	99.7
GE 700	89.8	93.7	95.8	97.0	98.2	98.8	99.3	99.3	99.3	99.4	99.4	99.7	99.7
GE 600	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9
GE 500	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9
GE 400	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9
GE 300	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9
GE 200	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9
GE 100	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9
GE 000	89.8	93.8	95.9	97.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: APR HOURS: 15-17

CEILING GE	VISIBILITY IN STATUTE MILES GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9	37.9
6.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
6.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
6.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
6.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4	46.4
7.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9	47.9
0.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
1.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2	51.2
4.7	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
6.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6	56.6
7.1	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
0.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
4.1	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
7.9	68.2	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
2.7	73.0	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
0.4	81.1	81.4	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6	81.6
9.7	89.8	90.1	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2	90.2
4.1	94.3	94.7	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
3.3	94.6	94.9	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0	95.0
6.4	96.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
9.3	97.6	97.9	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
9.3	97.6	97.9	98.1	98.1	98.1	98.2	98.2	98.4	98.4	98.4	98.4	98.4
9.8	98.1	98.7	99.1	99.1	99.1	99.2	99.2	99.4	99.4	99.4	99.4	99.4
7.0	98.2	98.8	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.7	99.7	99.7
7.0	98.2	98.8	99.3	99.3	99.3	99.4	99.4	99.7	99.7	99.8	99.8	99.8
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0
7.1	98.4	99.0	99.6	99.6	99.6	99.7	99.7	99.9	99.9	100.0	100.0	100.0

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

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 — MONTH: APR HOURS: 18-20

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	41.9	42.1	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
GE 20000	47.6	47.9	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
GE 18000	47.7	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 16000	47.7	48.0	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
GE 14000	48.1	48.4	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
GE 12000	50.3	50.7	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 10000	53.8	54.1	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
GE 9000	54.6	54.9	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
GE 8000	59.4	60.6	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
GE 7000	61.7	62.9	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
GE 6000	62.1	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 5000	65.1	66.9	67.2	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
GE 4500	68.3	70.3	70.8	71.0	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 4000	71.7	74.0	74.7	75.0	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6
GE 3500	76.1	78.7	79.7	80.0	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8
GE 3000	80.0	83.1	84.2	84.7	85.4	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8
GE 2500	83.9	87.3	88.9	89.3	90.6	90.7	91.1	91.1	91.1	91.1	91.2	91.2	91.2
GE 2000	86.4	90.7	92.1	92.6	93.9	94.1	94.7	94.8	94.9	94.9	95.0	95.0	95.0
GE 1800	86.6	90.8	92.3	92.8	94.1	94.3	94.9	95.0	95.1	95.1	95.2	95.2	95.2
GE 1500	87.6	92.2	93.9	94.7	96.1	96.3	97.0	97.1	97.2	97.3	97.4	97.4	97.4
GE 1200	87.7	92.3	94.0	94.8	96.4	96.7	97.4	97.6	97.7	97.8	97.9	97.9	97.9
GE 1000	87.9	92.6	94.2	95.1	96.9	97.1	97.9	98.0	98.1	98.2	98.3	98.3	98.3
GE 900	87.9	92.7	94.5	95.4	97.2	97.6	98.3	98.4	98.6	98.7	98.8	98.8	98.8
GE 800	87.9	92.7	94.6	95.8	97.6	97.9	98.9	99.0	99.1	99.2	99.3	99.3	99.3
GE 700	87.9	92.7	94.6	95.8	97.7	98.0	99.0	99.1	99.2	99.3	99.4	99.4	99.4
GE 600	87.9	92.7	94.6	95.8	97.7	98.0	99.0	99.1	99.2	99.3	99.4	99.4	99.4
GE 500	87.9	92.7	94.6	95.8	97.7	98.0	99.1	99.2	99.3	99.4	99.6	99.6	99.6
GE 400	87.9	92.7	94.6	95.8	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7
GE 300	87.9	92.7	94.6	95.8	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7
GE 200	87.9	92.7	94.6	95.8	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7
GE 100	87.9	92.7	94.6	95.8	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7
GE 000	87.9	92.7	94.6	95.8	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: APR HOURS: 18-20

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2	42.2
	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0	48.0
1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1	48.1
5	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6	48.6
8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2	54.2
0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0	63.0
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
0	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
3	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
0	75.3	75.4	75.4	75.4	75.4	75.4	75.6	75.6	75.6	75.6	75.6	75.6
0	80.6	80.7	80.7	80.7	80.7	80.7	80.8	80.8	80.8	80.8	80.8	80.8
7	85.4	85.6	85.7	85.7	85.7	85.7	85.8	85.8	85.8	85.8	85.8	85.8
3	90.6	90.7	91.1	91.1	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.2
0	93.9	94.1	94.7	94.8	94.9	94.9	95.0	95.0	95.0	95.0	95.0	95.0
4	94.1	94.3	94.9	95.0	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2
7	96.1	96.3	97.0	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
9	96.4	96.7	97.4	97.6	97.7	97.8	97.9	97.9	97.9	97.9	97.9	97.9
1	96.9	97.1	97.9	98.0	98.1	98.2	98.3	98.3	98.3	98.3	98.3	98.3
4	97.2	97.6	98.3	98.4	98.6	98.7	98.8	98.8	98.8	98.8	98.8	98.8
5	97.6	97.9	98.9	99.0	99.1	99.2	99.3	99.3	99.3	99.3	99.3	99.3
4	97.7	98.0	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.4	99.4	99.4
4	97.7	98.0	99.0	99.1	99.2	99.3	99.4	99.4	99.4	99.6	99.8	99.8
4	97.7	98.0	99.1	99.2	99.3	99.4	99.6	99.6	99.6	99.7	99.9	99.9
5	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
5	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
5	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
5	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0
4	97.7	98.0	99.2	99.3	99.4	99.6	99.7	99.7	99.7	99.8	100.0	100.0

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79
LST TO UTC: + 5 MONTH: APR HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	46.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.3
GE 20000	52.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
GE 18000	52.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
GE 16000	52.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
GE 14000	52.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4
GE 12000	53.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6
GE 10000	55.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1
GE 9000	56.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6
GE 8000	61.6	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6
GE 7000	63.3	65.0	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3
GE 6000	64.4	66.1	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4
GE 5000	68.8	70.4	70.6	70.6	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9
GE 4500	72.6	74.9	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7
GE 4000	75.6	78.1	78.4	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2
GE 3500	79.2	82.1	82.4	82.9	83.1	83.2	83.3	83.3	83.3	83.3	83.6	83.6	83.6
GE 3000	81.9	85.0	85.4	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.9	86.9	86.9
GE 2500	84.3	87.8	88.3	89.2	89.8	89.9	90.2	90.2	90.2	90.3	90.6	90.6	90.6
GE 2000	85.7	89.3	90.2	91.3	92.1	92.4	93.1	93.1	93.1	93.2	93.4	93.4	93.4
GE 1800	85.8	89.6	90.4	91.6	92.3	92.7	93.3	93.3	93.3	93.4	93.7	93.7	93.7
GE 1500	87.2	91.3	92.6	93.8	94.9	95.2	96.0	96.0	96.0	96.1	96.3	96.3	96.3
GE 1200	88.1	92.3	93.8	95.1	96.2	96.6	97.4	97.4	97.4	97.6	97.8	97.8	97.8
GE 1000	88.1	92.4	93.9	95.3	96.6	96.9	97.8	97.8	97.8	97.9	98.1	98.1	98.1
GE 900	88.1	92.6	94.1	95.8	97.1	97.4	98.3	98.3	98.3	98.4	98.7	98.7	98.7
GE 800	88.1	92.6	94.1	95.8	97.1	97.4	98.4	98.4	98.4	98.6	98.8	98.8	98.8
GE 700	88.1	92.6	94.1	95.9	97.3	97.7	98.8	98.8	98.8	99.0	99.2	99.2	99.2
GE 600	88.1	92.6	94.1	95.9	97.3	97.8	98.9	98.9	98.9	99.1	99.3	99.3	99.3
GE 500	88.1	92.6	94.1	95.9	97.3	97.8	98.9	98.9	98.9	99.1	99.3	99.3	99.3
GE 400	88.1	92.6	94.1	95.9	97.3	97.8	99.1	99.1	99.1	99.3	99.6	99.6	99.6
GE 300	88.1	92.6	94.1	95.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8
GE 200	88.1	92.6	94.1	95.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8
GE 100	88.1	92.6	94.1	95.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8
GE 000	88.1	92.6	94.1	95.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
U UTC: + 5 MONTH: APR HOURS: 21-23

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.3	47.3	47.3	47.3	47.3	47.3
	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.4	53.4	53.4	53.4	53.4	53.4
	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6
	56.9	56.9	56.9	56.9	56.9	56.9	56.9	57.1	57.1	57.1	57.1	57.1	57.1
	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.6	57.6	57.6	57.6	57.6	57.6
	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.6	63.6	63.6	63.6	63.6	63.6
	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.3	65.3	65.3	65.3	65.3	65.3
	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.4	66.4	66.4	66.4	66.4	66.4
	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.9	70.9	70.9	70.9	70.9	70.9
	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.7	75.7	75.7	75.7	75.7	75.7
	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.2	79.2	79.2	79.2	79.2	79.2
	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.6	83.6	83.6	83.6	83.6	83.6
	86.1	86.4	86.6	86.7	86.7	86.7	86.7	86.9	86.9	86.9	86.9	86.9	86.9
	89.2	89.8	89.9	90.2	90.2	90.2	90.3	90.6	90.6	90.6	90.6	90.6	90.6
	91.3	92.1	92.4	93.1	93.1	93.1	93.2	93.4	93.4	93.4	93.4	93.4	93.4
	91.5	92.3	92.7	93.3	93.3	93.3	93.4	93.7	93.7	93.7	93.7	93.7	93.7
	93.9	94.9	95.2	96.0	96.0	96.0	96.1	96.3	96.3	96.3	96.3	96.3	96.3
	95.1	96.2	96.6	97.4	97.4	97.4	97.6	97.8	97.8	97.8	97.8	97.8	97.8
	96.3	96.6	96.9	97.8	97.8	97.8	97.9	98.1	98.1	98.1	98.1	98.1	98.1
	96.3	97.1	97.4	98.3	98.3	98.3	98.4	98.7	98.7	98.7	98.7	98.7	98.7
	96.3	97.1	97.4	98.4	98.4	98.4	98.6	98.8	98.8	98.8	98.8	98.8	98.8
	96.9	97.3	97.7	98.8	98.8	98.8	99.0	99.2	99.2	99.2	99.2	99.2	99.2
	96.9	97.3	97.8	98.9	98.9	98.9	99.1	99.3	99.3	99.3	99.3	99.3	99.3
	96.9	97.3	97.8	98.9	98.9	98.9	99.1	99.3	99.3	99.3	99.4	99.6	99.6
	96.9	97.3	97.3	99.1	99.1	99.1	99.3	99.6	99.6	99.6	99.7	99.8	99.8
	96.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0
	96.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0
	96.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0
	96.9	97.3	97.8	99.3	99.3	99.3	99.6	99.8	99.8	99.8	99.9	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: APR HOURS: A

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	41.2	42.1	43.0	43.3	43.6	43.7	43.9	43.9	43.9	44.0	44.0	44.0
GE 20000	46.4	47.5	48.5	48.8	49.2	49.3	49.5	49.5	49.5	49.6	49.6	49.6
GE 18000	46.4	47.5	48.5	48.9	49.3	49.4	49.5	49.6	49.6	49.6	49.7	49.7
GE 16000	46.4	47.6	48.5	48.9	49.3	49.4	49.5	49.6	49.6	49.6	49.7	49.7
GE 14000	46.6	47.8	48.7	49.1	49.5	49.6	49.7	49.8	49.8	49.8	49.9	49.9
GE 12000	47.7	49.0	50.0	50.3	50.7	50.8	51.0	51.0	51.0	51.1	51.1	51.1
GE 10000	50.8	52.1	53.0	53.4	53.8	54.0	54.1	54.2	54.2	54.2	54.3	54.3
GE 9000	51.9	53.4	54.4	54.8	55.2	55.3	55.5	55.6	55.6	55.6	55.7	55.7
GE 8000	56.1	57.9	59.0	59.6	60.1	60.2	60.4	60.5	60.5	60.6	60.7	60.7
GE 7000	58.0	60.0	61.1	61.7	62.2	62.4	62.6	62.7	62.7	62.8	62.9	62.9
GE 6000	58.9	60.8	62.0	62.6	63.2	63.4	63.6	63.7	63.7	63.8	63.9	63.9
GE 5000	61.8	63.9	65.2	65.8	66.5	66.7	67.0	67.1	67.1	67.2	67.3	67.3
GE 4500	64.3	66.7	68.2	68.9	69.7	70.0	70.4	70.5	70.5	70.6	70.6	70.6
GE 4000	67.2	69.8	71.6	72.5	73.4	73.7	74.1	74.3	74.3	74.4	74.5	74.5
GE 3500	70.5	73.2	75.1	76.1	77.1	77.5	78.0	78.1	78.1	78.2	78.3	78.3
GE 3000	74.0	77.0	79.1	80.2	81.3	81.8	82.3	82.4	82.4	82.5	82.6	82.6
GE 2500	77.6	80.6	83.2	84.4	85.8	86.2	86.8	87.0	87.0	87.1	87.2	87.2
GE 2000	80.2	83.8	86.5	87.9	89.4	89.9	90.7	90.8	90.8	91.0	91.1	91.1
GE 1800	80.6	84.4	87.1	88.5	90.1	90.6	91.4	91.5	91.5	91.7	91.7	91.7
GE 1500	81.9	86.1	89.1	90.7	92.4	92.9	93.8	94.0	94.0	94.2	94.3	94.3
GE 1200	82.9	87.2	90.5	92.3	94.2	94.8	95.8	96.0	96.0	96.2	96.3	96.3
GE 1000	83.2	87.6	91.0	92.9	94.9	95.6	96.6	96.8	96.9	97.1	97.2	97.3
GE 900	83.3	87.7	91.2	93.3	95.3	96.1	97.1	97.4	97.4	97.6	97.8	97.9
GE 800	83.4	87.8	91.4	93.6	95.7	96.4	97.6	97.8	97.9	98.1	98.3	98.4
GE 700	83.4	87.9	91.6	93.8	96.0	96.7	98.0	98.2	98.3	98.6	98.7	98.8
GE 600	83.5	88.0	91.6	93.9	96.2	97.0	98.2	98.6	98.6	98.9	99.0	99.1
GE 500	83.5	88.0	91.7	93.9	96.2	97.0	98.3	98.7	98.8	99.1	99.2	99.3
GE 400	83.5	88.0	91.7	93.9	96.2	97.1	98.4	98.8	98.9	99.2	99.4	99.5
GE 300	83.5	88.0	91.7	93.9	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6
GE 200	83.5	88.0	91.7	93.9	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6
GE 100	83.5	88.0	91.7	93.9	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6
GE 000	83.5	88.0	91.7	93.9	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6

TOTAL NUMBER OF OBSERVATIONS 7199

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: APR HOURS: ALL

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
43.3	43.6	43.7	43.9	43.9	43.9	44.0	44.0	44.0	44.1	44.1	44.1	44.2
[illegible]	49.2	49.3	49.5	49.5	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.8
[illegible]	49.3	49.4	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8
[illegible]	49.3	49.4	49.5	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.8
[illegible]	49.5	49.6	49.7	49.8	49.8	49.8	49.9	49.9	49.9	49.9	49.9	50.0
[illegible]	50.7	50.8	51.0	51.0	51.0	51.1	51.1	51.1	51.2	51.2	51.2	51.3
[illegible]	53.8	54.0	54.1	54.2	54.2	54.2	54.3	54.3	54.3	54.3	54.3	54.4
[illegible]	55.2	55.3	55.5	55.6	55.6	55.6	55.7	55.7	55.7	55.7	55.7	55.8
[illegible]	60.1	60.2	60.4	60.5	60.5	60.6	60.7	60.7	60.7	60.7	60.7	60.8
[illegible]	62.2	62.4	62.6	62.7	62.7	62.8	62.9	62.9	62.9	62.9	62.9	63.0
[illegible]	63.2	63.4	63.6	63.7	63.7	63.8	63.9	63.9	63.9	63.9	63.9	64.0
[illegible]	66.5	66.7	67.0	67.1	67.1	67.2	67.3	67.3	67.3	67.3	67.4	67.4
[illegible]	69.7	70.0	70.4	70.5	70.5	70.6	70.6	70.6	70.7	70.7	70.7	70.8
[illegible]	73.4	73.7	74.1	74.3	74.3	74.4	74.5	74.5	74.5	74.5	74.5	74.6
[illegible]	77.1	77.5	78.0	78.1	78.1	78.2	78.3	78.3	78.3	78.3	78.4	78.4
[illegible]	81.3	81.8	82.3	82.4	82.4	82.5	82.6	82.6	82.6	82.6	82.7	82.7
[illegible]	85.8	86.2	86.8	87.0	87.0	87.1	87.2	87.2	87.2	87.2	87.2	87.3
[illegible]	89.4	89.9	90.7	90.8	90.8	91.0	91.1	91.1	91.1	91.1	91.1	91.2
[illegible]	90.1	90.6	91.4	91.5	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.9
[illegible]	92.4	92.9	93.8	94.0	94.0	94.2	94.3	94.3	94.3	94.3	94.4	94.4
[illegible]	94.2	94.8	95.8	96.0	96.0	96.2	96.3	96.3	96.4	96.4	96.4	96.5
[illegible]	94.9	95.6	96.6	96.8	96.9	97.1	97.2	97.3	97.3	97.3	97.4	97.4
[illegible]	95.3	96.1	97.1	97.4	97.4	97.6	97.8	97.9	97.9	97.9	98.0	98.0
[illegible]	95.7	96.4	97.6	97.8	97.9	98.1	98.3	98.4	98.4	98.4	98.5	98.5
[illegible]	96.0	96.7	98.0	98.2	98.3	98.6	98.7	98.8	98.8	98.9	98.9	99.0
[illegible]	96.2	97.0	98.2	98.6	98.6	98.9	99.0	99.1	99.2	99.2	99.3	99.4
[illegible]	96.2	97.0	98.3	98.7	98.8	99.1	99.2	99.3	99.4	99.4	99.5	99.6
[illegible]	96.2	97.1	98.4	98.8	98.9	99.2	99.4	99.5	99.6	99.6	99.7	99.8
[illegible]	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.7	99.8	99.9
[illegible]	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.8	99.9	100.0
[illegible]	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.8	99.9	100.0
[illegible]	96.2	97.1	98.5	98.9	99.0	99.3	99.5	99.6	99.7	99.8	99.9	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAY HOURS: 00-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	50.4	51.8	53.8	55.5	56.2	56.3	57.0	57.1	57.1	57.3	57.3	57.3	5
GE 20000	52.3	54.4	56.3	58.3	59.0	59.1	59.9	60.0	60.0	60.2	60.2	60.2	6
GE 18000	52.3	54.4	56.3	58.3	59.0	59.1	59.9	60.0	60.0	60.2	60.2	60.2	6
GE 16000	52.3	54.4	56.3	58.3	59.0	59.1	59.9	60.0	60.0	60.2	60.2	60.2	6
GE 14000	52.4	54.5	56.5	58.4	59.1	59.2	60.0	60.1	60.1	60.3	60.3	60.3	6
GE 12000	53.1	55.4	57.3	59.5	60.2	60.3	61.1	61.2	61.2	61.4	61.4	61.4	6
GE 10000	56.3	58.7	60.6	62.3	63.5	63.7	64.4	64.5	64.5	64.7	64.7	64.7	6
GE 9000	56.9	59.2	61.2	63.3	64.1	64.2	64.9	65.1	65.1	65.3	65.3	65.3	6
GE 8000	61.2	63.9	66.1	68.3	69.2	69.7	70.5	70.9	70.9	71.1	71.1	71.1	7
GE 7000	62.7	65.4	67.6	69.8	70.9	71.3	72.2	72.5	72.5	72.7	72.7	72.7	7
GE 6000	63.3	66.0	68.4	70.6	71.6	72.0	72.9	73.2	73.2	73.4	73.4	73.4	7
GE 5000	64.7	67.6	70.1	72.3	73.5	74.0	74.8	75.2	75.2	75.4	75.4	75.4	7
GE 4500	66.6	69.5	72.5	74.7	76.2	76.7	77.6	78.1	78.1	78.3	78.3	78.3	7
GE 4000	69.8	72.8	76.5	78.8	80.4	81.0	82.4	82.8	82.8	83.0	83.0	83.0	8
GE 3500	71.8	74.9	79.1	81.3	83.4	84.0	85.4	85.8	85.8	86.0	86.0	86.0	8
GE 3000	73.5	76.8	81.0	83.5	85.6	86.1	87.5	88.0	88.0	88.2	88.2	88.2	8
GE 2500	74.7	78.1	82.4	85.5	87.7	88.4	89.9	90.4	90.4	90.6	90.6	90.6	9
GE 2000	75.3	78.6	83.1	86.3	88.8	89.5	91.1	91.6	91.6	91.8	91.8	91.8	9
GE 1800	75.4	78.7	83.3	86.4	89.2	89.9	91.5	92.0	92.0	92.3	92.3	92.3	9
GE 1500	76.5	79.6	84.7	88.4	91.1	91.8	93.5	94.3	94.3	94.5	94.5	94.5	9
GE 1200	76.6	80.0	84.9	88.7	91.4	92.2	93.9	94.6	94.6	94.8	94.8	94.8	9
GE 1000	76.6	80.1	85.2	89.1	91.8	92.6	94.4	95.5	95.5	95.7	95.7	95.7	9
GE 900	76.6	80.1	85.2	89.1	91.8	92.6	94.5	95.7	95.7	95.9	95.9	95.9	9
GE 800	76.6	80.1	85.2	89.2	91.9	92.7	94.6	95.8	95.8	96.0	96.0	96.0	9
GE 700	76.6	80.1	85.2	89.5	92.3	93.0	95.9	97.3	97.3	97.5	97.5	97.5	9
GE 600	76.6	80.2	85.3	89.8	93.0	93.8	96.7	98.1	98.1	98.3	98.3	98.3	9
GE 500	76.6	80.2	85.4	90.3	93.7	94.5	97.5	99.1	99.1	99.4	99.4	99.4	9
GE 400	76.6	80.2	85.4	90.3	93.7	94.5	97.8	99.6	99.6	99.8	99.8	99.8	9
GE 300	76.6	80.2	85.4	90.3	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	10
GE 200	76.6	80.2	85.4	90.3	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	10
GE 100	76.6	80.2	85.4	90.3	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	10
GE 000	76.6	80.2	85.4	90.3	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	10

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAY HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	56.6	56.2	56.3	57.0	57.1	57.1	57.3	57.3	57.3	57.4	57.4	57.4	57.4
GE 20000	59.3	59.0	59.1	59.9	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 18000	59.3	59.0	59.1	59.9	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 16000	59.3	59.0	59.1	59.9	60.0	60.0	60.2	60.2	60.2	60.3	60.3	60.3	60.3
GE 14000	59.4	59.1	59.2	60.0	60.1	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4
GE 12000	59.5	60.2	60.3	61.1	61.2	61.2	61.4	61.4	61.4	61.5	61.5	61.5	61.5
GE 10000	62.3	63.5	63.7	64.4	64.5	64.5	64.7	64.7	64.7	64.8	64.8	64.8	64.8
GE 9000	63.3	64.1	64.3	64.9	65.1	65.1	65.3	65.3	65.3	65.4	65.4	65.4	65.4
GE 8000	68.3	69.2	69.7	70.5	70.9	70.9	71.1	71.1	71.1	71.2	71.2	71.2	71.2
GE 7000	69.8	70.9	71.3	72.2	72.5	72.5	72.7	72.7	72.7	72.8	72.8	72.8	72.8
GE 6000	70.3	71.5	72.0	72.9	73.2	73.2	73.4	73.4	73.4	73.5	73.5	73.5	73.5
GE 5000	73.4	73.5	74.3	74.8	75.2	75.2	75.4	75.4	75.4	75.5	75.5	75.5	75.5
GE 4500	74.7	76.2	76.7	77.5	78.1	78.1	78.3	78.3	78.3	78.4	78.4	78.4	78.4
GE 4000	78.3	80.4	81.0	82.4	82.9	82.9	83.0	83.0	83.0	83.1	83.1	83.1	83.1
GE 3500	81.3	83.4	84.0	85.4	85.8	85.8	86.0	86.0	86.0	86.1	86.1	86.1	86.1
GE 3000	83.6	85.6	86.1	87.5	88.0	88.0	88.2	88.2	88.2	88.3	88.3	88.3	88.3
GE 2500	85.5	87.7	88.4	89.9	90.4	90.4	90.6	90.6	90.6	90.8	90.8	90.8	90.8
GE 2000	86.3	88.8	89.6	91.1	91.6	91.6	91.8	91.8	91.8	91.9	91.9	91.9	91.9
GE 1800	86.4	89.2	89.9	91.5	92.0	92.0	92.3	92.3	92.3	92.4	92.4	92.4	92.4
GE 1600	88.4	91.1	91.8	93.5	94.3	94.3	94.5	94.5	94.5	94.6	94.6	94.6	94.6
GE 1400	88.7	91.4	92.2	93.9	94.6	94.6	94.8	94.8	94.8	94.9	94.9	94.9	94.9
GE 1200	90.1	91.8	92.6	94.4	95.5	95.5	95.7	95.7	95.7	95.8	95.8	95.8	95.8
GE 1000	90.1	91.8	92.6	94.5	95.7	95.7	95.9	95.9	95.9	96.0	96.0	96.0	96.0
GE 900	89.9	91.9	92.7	94.6	95.8	95.8	96.0	96.0	96.0	96.1	96.1	96.1	96.1
GE 800	90.5	92.3	93.0	95.9	97.3	97.3	97.5	97.5	97.5	97.6	97.6	97.6	97.6
GE 700	90.7	93.0	93.8	96.7	98.1	98.1	98.3	98.3	98.3	98.4	98.4	98.4	98.4
GE 600	90.8	93.7	94.5	97.5	99.1	99.1	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 500	90.8	93.7	94.5	97.3	99.6	99.6	99.8	99.8	99.8	99.9	99.9	99.9	99.9
GE 400	90.8	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 300	90.8	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 200	90.8	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 100	90.8	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0
GE 0	90.8	93.7	94.5	97.8	99.7	99.7	99.9	99.9	99.9	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAY HOURS: 03-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	41.3	43.2	45.6	48.9	51.1	51.6	52.5	53.0	53.1	53.2	53.4	53.4	5
GE 20000	43.5	45.3	47.8	51.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	5
GE 18000	43.5	45.3	47.8	51.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	5
GE 16000	43.5	45.3	47.8	51.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	5
GE 14000	43.7	45.4	48.0	51.4	53.7	54.2	55.1	55.6	55.7	55.8	56.1	56.1	5
GE 12000	44.2	45.9	48.5	52.2	54.4	54.9	55.8	56.3	56.5	56.6	56.9	56.9	5
GE 10000	46.6	48.5	51.6	55.2	57.4	58.0	58.8	59.4	59.5	59.6	59.9	59.9	6
GE 9000	47.7	49.7	52.8	56.5	58.7	59.2	60.1	60.6	60.8	60.9	61.2	61.2	6
GE 8000	51.0	53.4	57.0	60.9	63.1	63.7	64.5	65.5	65.6	65.8	66.1	66.1	6
GE 7000	53.2	55.9	59.6	63.5	65.9	66.6	67.6	68.7	68.8	69.0	69.4	69.4	6
GE 6000	54.4	57.1	60.8	64.7	67.1	67.7	68.8	70.0	70.1	70.3	70.6	70.6	7
GE 5000	56.2	59.5	63.2	67.4	70.1	70.9	71.9	73.2	73.3	73.5	73.9	73.9	7
GE 4500	57.3	60.4	64.6	69.0	71.9	72.7	73.8	75.3	75.4	75.7	76.0	76.0	7
GE 4000	59.7	62.5	67.2	72.5	75.6	76.3	77.4	78.9	79.0	79.4	79.7	79.7	8
GE 3500	60.9	64.0	68.8	74.4	77.7	78.5	79.6	81.1	81.2	81.5	81.8	81.8	8
GE 3000	61.5	65.6	70.4	76.6	80.0	80.8	81.8	83.5	83.7	84.0	84.3	84.3	9
GE 2500	62.3	66.5	71.9	78.3	81.8	82.6	83.8	85.5	85.6	85.9	86.2	86.2	8
GE 2000	63.1	67.3	73.2	80.0	83.8	84.5	85.7	87.4	87.5	87.8	88.2	88.2	8
GE 1800	63.5	67.7	73.7	80.4	84.3	85.1	86.2	88.0	88.1	88.4	88.7	88.7	8
GE 1500	64.1	68.4	74.4	81.3	85.2	86.0	87.3	89.0	89.1	89.5	89.8	89.8	9
GE 1200	64.4	68.8	74.9	82.3	86.7	87.5	89.1	90.9	91.0	91.3	91.6	91.6	9
GE 1000	64.7	69.4	75.6	83.2	87.6	88.5	90.4	92.5	92.6	92.9	93.2	93.2	9
GE 900	64.7	69.4	75.6	83.2	87.8	88.7	90.6	92.8	92.9	93.2	93.5	93.5	9
GE 800	64.7	69.4	75.7	83.4	88.3	89.1	91.1	93.3	93.5	93.9	94.2	94.2	9
GE 700	64.9	69.6	76.0	83.8	88.7	89.7	92.0	94.6	94.8	95.2	95.5	95.5	9
GE 600	64.9	69.6	76.1	83.9	88.9	90.1	92.5	95.4	95.6	95.9	96.2	96.2	9
GE 500	65.1	69.7	76.2	84.0	89.7	91.0	93.5	96.8	97.0	97.4	97.7	97.7	9
GE 400	65.1	69.7	76.2	84.0	89.7	91.0	93.7	96.9	97.1	97.5	97.8	97.8	9
GE 300	65.1	69.7	76.2	84.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	9
GE 200	65.1	69.7	76.2	84.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	9
GE 100	65.1	69.7	76.2	84.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	9
GE 000	65.1	69.7	76.2	84.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

I NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAY HOURS: 03-05

CEILING GE	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	51.1	51.6	52.5	53.0	53.1	53.2	53.4	53.4	53.8	53.9	54.1	54.1
.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	56.5	56.6	56.8	56.8
.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	56.5	56.6	56.8	56.8
.3	53.5	54.1	54.9	55.5	55.6	55.7	56.0	56.0	56.5	56.6	56.8	56.8
.4	53.7	54.2	55.1	55.6	55.7	55.8	56.1	56.1	56.6	56.7	56.9	56.9
.2	54.4	54.9	55.8	56.3	56.5	56.6	56.9	56.9	57.3	57.4	57.6	57.6
.2	57.4	58.0	58.8	59.4	59.5	59.6	59.9	59.9	60.3	60.4	60.6	60.6
.5	58.7	59.2	60.1	60.6	60.8	60.9	61.2	61.2	61.6	61.7	61.9	61.9
.9	63.1	63.7	64.5	65.5	65.6	65.8	66.1	66.1	66.6	66.7	67.0	67.0
.5	65.9	66.6	67.6	68.7	68.8	69.0	69.4	69.4	69.8	69.9	70.2	70.2
.7	67.1	67.7	68.8	70.0	70.1	70.3	70.6	70.6	71.1	71.2	71.5	71.5
.4	70.1	70.9	71.9	73.2	73.3	73.5	73.9	73.9	74.3	74.4	74.7	74.7
.2	71.9	72.7	73.8	75.3	75.4	75.7	76.0	76.0	76.5	76.6	76.9	76.9
.5	75.6	76.3	77.4	78.9	79.0	79.4	79.7	79.7	80.1	80.2	80.5	80.5
.4	77.7	78.5	79.6	81.1	81.2	81.5	81.8	81.8	82.3	82.4	82.7	82.7
.5	80.0	80.8	81.8	83.5	83.7	84.0	84.3	84.3	84.7	84.8	85.2	85.2
.3	81.3	82.6	83.8	85.5	85.6	85.9	86.2	86.2	86.7	86.8	87.1	87.1
.0	83.8	84.5	85.7	87.4	87.5	87.8	88.2	88.2	88.6	88.7	89.0	89.0
.4	84.3	85.1	86.2	88.0	88.1	88.4	88.7	88.7	89.1	89.2	89.6	89.6
.3	85.2	86.0	87.3	89.0	89.1	89.5	89.8	89.8	90.2	90.3	90.6	90.6
.3	86.7	87.5	89.1	90.9	91.0	91.3	91.6	91.6	92.0	92.2	92.5	92.5
.2	87.6	88.5	90.4	92.5	92.6	92.9	93.2	93.2	93.7	93.8	94.1	94.1
.2	87.8	88.7	90.6	92.8	92.9	93.2	93.5	93.5	94.0	94.1	94.4	94.4
.4	88.3	89.1	91.1	93.3	93.5	93.9	94.2	94.2	94.6	94.7	95.1	95.1
.3	88.7	89.7	92.0	94.6	94.8	95.2	95.5	95.5	96.2	96.3	96.7	96.7
.9	88.9	90.1	92.5	95.4	95.6	95.9	96.2	96.2	97.0	97.1	97.4	97.4
.0	89.7	91.0	93.5	96.8	97.0	97.4	97.7	97.7	98.5	98.6	98.9	98.9
.0	89.7	91.0	93.7	96.9	97.1	97.5	97.8	97.8	98.6	98.7	99.0	99.0
.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	98.8	98.9	99.2	99.5
.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	98.9	99.0	99.4	99.6
.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	98.9	99.0	99.4	99.8
.0	89.7	91.0	93.7	97.0	97.2	97.6	98.1	98.1	99.0	99.1	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	33.0	36.6	40.8	42.3	44.8	45.7	47.2	48.0	48.5	48.5	48.7	48.7	48.9
GE 20000	35.7	40.0	44.6	46.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8
GE 18000	35.7	40.0	44.6	46.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8
GE 16000	35.7	40.0	44.6	46.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8
GE 14000	36.0	40.3	44.9	46.8	49.7	50.5	52.2	52.9	53.4	53.5	53.9	53.9	54.1
GE 12000	36.7	41.1	45.7	47.5	50.4	51.3	52.9	53.7	54.2	54.3	54.6	54.6	54.8
GE 10000	38.7	43.8	48.8	51.1	54.2	55.1	57.1	57.8	58.4	58.5	59.0	59.0	59.2
GE 9000	39.4	44.5	49.8	52.2	55.4	56.2	58.3	59.0	59.6	59.7	60.2	60.2	60.4
GE 8000	42.7	48.1	53.5	56.6	60.2	61.3	63.8	64.6	65.3	65.4	66.1	66.1	66.3
GE 7000	44.5	50.1	55.7	59.1	63.1	64.2	66.7	67.6	68.3	68.7	69.5	69.5	69.7
GE 6000	45.5	51.3	57.0	60.6	64.8	65.9	68.4	69.4	70.0	70.4	71.2	71.2	71.4
GE 5000	46.9	53.2	59.1	63.0	67.5	68.9	71.7	72.9	73.5	74.0	74.9	74.9	75.3
GE 4500	47.3	53.9	60.1	64.5	69.1	70.5	73.3	74.6	75.3	75.7	76.7	76.7	77.0
GE 4000	48.6	55.6	62.0	66.9	71.6	73.0	76.0	77.4	78.1	78.6	79.7	79.7	80.0
GE 3500	49.0	56.0	62.7	67.5	72.4	73.8	77.1	78.6	79.2	79.8	80.9	80.9	81.2
GE 3000	49.6	56.6	63.3	68.5	73.4	74.8	78.2	79.7	80.3	80.9	81.9	81.9	82.3
GE 2500	51.8	59.0	66.0	71.2	76.2	77.6	81.4	82.9	83.5	84.1	85.2	85.2	85.5
GE 2000	53.1	60.3	67.4	72.6	78.0	79.4	83.1	84.7	85.4	85.9	87.0	87.0	87.3
GE 1800	53.2	60.6	67.7	72.9	78.3	79.7	83.4	85.1	85.7	86.2	87.3	87.3	87.6
GE 1500	54.2	61.9	69.1	74.4	80.0	81.4	85.9	87.6	88.3	88.8	89.9	89.9	90.2
GE 1200	54.6	62.4	70.0	75.4	81.3	82.7	87.5	89.2	89.9	90.4	91.5	91.5	91.8
GE 1000	54.8	63.0	70.9	76.3	82.5	84.1	89.2	91.1	91.7	92.3	93.3	93.3	93.7
GE 900	54.8	63.0	70.9	76.5	83.2	84.8	90.1	91.9	92.7	93.3	94.4	94.4	94.7
GE 800	55.1	63.3	71.4	77.2	84.4	86.0	91.6	93.4	94.2	94.9	96.0	96.0	96.3
GE 700	55.3	63.5	71.6	77.4	84.8	86.6	92.3	94.3	95.1	96.0	97.2	97.2	97.5
GE 600	55.4	63.7	71.8	77.7	85.3	87.0	92.9	95.2	95.9	96.9	98.1	98.1	98.5
GE 500	55.4	63.7	71.8	77.7	85.4	87.1	93.1	95.6	96.3	97.3	98.6	98.6	99.0
GE 400	55.4	63.7	71.8	77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.1
GE 300	55.4	63.7	71.8	77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2
GE 200	55.4	63.7	71.8	77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2
GE 100	55.4	63.7	71.8	77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2
GE 000	55.4	63.7	71.8	77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAY HOURS: 06-08

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
42.3	44.8	45.7	47.2	48.0	48.5	48.5	48.7	48.7	48.9	49.0	49.0	49.0
46.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8	53.9	53.9	53.9
46.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8	53.9	53.9	53.9
46.5	49.4	50.2	51.8	52.6	53.1	53.2	53.5	53.5	53.8	53.9	53.9	53.9
46.8	49.7	50.5	52.2	52.9	53.4	53.5	53.9	53.9	54.1	54.2	54.2	54.2
47.5	50.4	51.3	52.9	53.7	54.2	54.3	54.6	54.6	54.8	54.9	54.9	54.9
51.1	54.2	55.1	57.1	57.8	58.4	58.5	59.0	59.0	59.2	59.4	59.4	59.4
52.2	55.4	56.2	58.3	59.0	59.6	59.7	60.2	60.2	60.4	60.5	60.5	60.5
56.6	60.2	61.3	63.8	64.6	65.3	65.4	66.1	66.1	66.3	66.5	66.5	66.5
59.1	63.1	64.2	66.7	67.6	68.3	68.7	69.5	69.5	69.7	69.8	69.8	69.8
60.6	64.8	65.9	68.4	69.4	70.0	70.4	71.2	71.2	71.4	71.5	71.5	71.5
63.0	67.5	68.9	71.7	72.9	73.5	74.0	74.9	74.9	75.3	75.4	75.4	75.4
64.5	69.1	70.5	73.3	74.6	75.3	75.7	76.7	76.7	77.0	77.1	77.1	77.1
66.9	71.6	73.0	76.0	77.4	78.1	78.6	79.7	79.7	80.0	80.1	80.1	80.1
67.5	72.4	73.8	77.1	78.6	79.2	79.8	80.9	80.9	81.2	81.3	81.3	81.3
68.5	73.4	74.8	78.2	79.7	80.3	80.9	81.9	81.9	82.3	82.4	82.4	82.4
71.2	76.2	77.6	81.4	82.9	83.5	84.1	85.2	85.2	85.5	85.6	85.6	85.6
72.6	78.0	79.4	83.1	84.7	85.4	85.9	87.0	87.0	87.3	87.4	87.4	87.4
72.9	78.3	79.7	83.4	85.1	85.7	86.2	87.3	87.3	87.6	87.7	87.7	87.7
74.4	80.0	81.4	85.9	87.6	88.3	88.8	89.9	89.9	90.2	90.3	90.3	90.3
75.4	81.3	82.7	87.5	89.2	89.9	90.4	91.5	91.5	91.8	91.9	91.9	91.9
76.3	82.5	84.1	89.2	91.1	91.7	92.3	93.3	93.3	93.7	93.8	93.8	93.8
76.5	83.2	84.8	90.1	91.9	92.7	93.3	94.4	94.4	94.7	94.8	94.8	94.8
77.2	84.4	86.0	91.6	93.4	94.2	94.9	96.0	96.0	96.3	96.5	96.5	96.5
77.4	84.8	86.6	92.3	94.3	95.1	96.0	97.2	97.2	97.5	97.6	97.6	97.6
77.7	85.3	87.0	92.9	95.2	95.9	96.9	98.1	98.1	98.5	98.6	98.6	98.6
77.7	85.4	87.1	93.1	95.6	96.3	97.3	98.6	98.6	99.0	99.1	99.1	99.1
77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.1	99.2	99.2	99.2
77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	99.5
77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	99.5
77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	100.0
77.7	85.4	87.1	93.2	95.7	96.5	97.4	98.7	98.7	99.2	99.4	99.4	100.0

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 09-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	40.6	44.9	46.8	48.4	49.0	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.
GE 20000	45.6	51.0	53.0	54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.
GE 18000	45.6	51.0	53.0	54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.
GE 16000	45.6	51.0	53.0	54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.
GE 14000	45.7	51.1	53.1	54.8	55.5	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.
GE 12000	46.7	52.2	54.2	55.9	56.6	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.
GE 10000	49.0	54.8	57.2	58.9	59.6	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.
GE 9000	49.7	55.6	58.0	59.7	60.3	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.
GE 8000	52.6	59.2	61.9	64.1	64.8	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.
GE 7000	53.5	60.5	63.2	65.5	66.5	66.9	67.3	67.7	67.7	67.7	67.7	67.7	67.
GE 6000	54.2	61.2	64.2	66.5	67.4	67.8	68.3	68.7	68.7	68.7	68.7	68.7	68.
GE 5000	55.8	63.0	66.5	69.1	70.1	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.
GE 4500	56.2	64.0	67.8	70.5	71.5	72.0	72.6	73.0	73.0	73.0	73.0	73.0	73.
GE 4000	57.0	65.4	69.6	72.6	74.0	74.6	75.8	76.3	76.3	76.3	76.3	76.3	76.
GE 3500	58.2	66.7	71.1	74.1	75.6	76.3	77.6	78.3	78.3	78.3	78.3	78.3	78.
GE 3000	59.8	68.5	73.2	76.5	78.3	79.0	80.4	81.1	81.1	81.1	81.1	81.1	81.
GE 2500	61.3	70.4	75.3	78.6	80.6	81.4	83.0	83.8	83.8	83.8	83.8	83.8	83.
GE 2000	62.5	71.8	76.8	80.4	83.0	83.8	85.4	86.1	86.1	86.1	86.1	86.1	86.
GE 1800	62.7	72.0	77.0	80.6	83.2	84.0	85.6	86.3	86.3	86.3	86.3	86.3	86.
GE 1500	64.6	74.4	80.1	84.0	86.8	87.6	89.4	90.1	90.1	90.1	90.1	90.1	90.
GE 1200	65.4	75.5	81.8	86.2	89.7	90.6	92.6	93.3	93.3	93.3	93.3	93.3	93.
GE 1000	65.9	76.1	82.9	87.5	91.0	92.4	94.4	95.2	95.2	95.2	95.2	95.2	95.
GE 900	66.0	76.5	83.3	88.3	91.7	93.2	95.4	96.3	96.3	96.3	96.3	96.3	96.
GE 800	66.2	76.9	83.9	88.9	92.4	94.1	96.2	97.2	97.2	97.2	97.2	97.2	97.
GE 700	66.2	76.9	83.9	88.9	92.5	94.2	96.3	97.5	97.5	97.6	97.7	97.7	97.
GE 600	66.5	77.1	84.2	89.7	93.4	95.2	97.3	98.7	98.7	98.8	98.9	98.9	98.
GE 500	66.6	77.2	84.3	89.9	93.8	95.6	97.7	99.2	99.2	99.5	99.6	99.6	99.
GE 400	66.6	77.2	84.3	89.9	93.8	95.6	97.7	99.2	99.2	99.5	99.7	99.7	99.
GE 300	66.6	77.2	84.3	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.
GE 200	66.6	77.2	84.3	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.
GE 100	66.6	77.2	84.3	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.
GE 000	66.6	77.2	84.3	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAY HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	43.4	49.0	49.4	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
GE 20000	54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 18000	54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 16000	54.7	55.4	55.8	56.0	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 14000	54.8	55.5	55.9	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2	56.2
GE 12000	55.9	56.6	57.0	57.2	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3	57.3
GE 10000	58.9	59.6	60.0	60.2	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3	60.3
GE 9000	59.7	60.3	60.8	61.0	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1	61.1
GE 8000	64.1	64.8	65.3	65.6	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 7000	65.5	66.5	66.9	67.3	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7	67.7
GE 6000	66.5	67.4	67.8	68.3	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
GE 5000	69.1	70.1	70.5	71.1	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5	71.5
GE 4500	70.5	71.5	72.0	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
GE 4000	72.6	74.0	74.6	75.8	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3	76.3
GE 3500	74.1	75.6	76.3	77.6	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3	78.3
GE 3000	76.5	78.3	79.0	80.4	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 2500	78.6	80.6	81.4	83.0	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
GE 2000	80.4	83.0	83.8	85.4	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1	86.1
GE 1800	80.5	83.2	84.0	85.6	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3	86.3
GE 1600	84.0	86.8	87.6	89.4	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
GE 1400	86.2	89.7	90.6	92.6	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
GE 1200	87.5	91.0	92.4	94.4	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2	95.2
GE 1000	88.3	91.7	93.2	95.4	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 900	88.9	92.4	94.1	96.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 800	88.9	92.5	94.2	96.3	97.5	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7
GE 700	89.7	93.4	95.2	97.3	98.7	98.7	98.8	98.9	98.9	98.9	98.9	98.9	98.9
GE 600	89.9	93.8	95.6	97.7	99.2	99.2	99.5	99.6	99.6	99.6	99.6	99.6	99.6
GE 500	89.9	93.8	95.6	97.7	99.2	99.2	99.5	99.7	99.7	99.7	99.7	99.7	99.7
GE 400	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 300	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 200	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 100	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0
GE 0	89.9	93.8	95.6	97.7	99.2	99.2	99.6	99.8	99.8	100.0	100.0	100.0	100.0

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: MAY HOURS: 12-14

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	41.4	42.6	44.0	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
GE 20000	48.3	49.8	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 18000	48.3	49.8	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 16000	48.3	49.8	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 14000	48.4	49.9	51.4	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
GE 12000	49.2	50.8	52.3	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
GE 10000	51.8	53.4	55.2	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
GE 9000	53.1	54.7	56.6	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
GE 8000	56.2	58.4	60.3	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 7000	57.1	59.5	61.5	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
GE 6000	57.4	59.3	61.8	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 5000	58.4	60.9	63.3	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 4500	60.1	62.7	65.3	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 4000	63.5	67.4	70.5	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4
GE 3500	67.8	71.9	75.5	76.1	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6
GE 3000	72.0	76.5	80.6	81.5	81.8	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4
GE 2500	74.3	79.4	83.4	84.6	85.3	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9
GE 2000	76.7	82.0	86.8	88.2	88.8	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7
GE 1800	76.8	82.3	87.0	88.4	89.0	89.2	89.6	89.8	89.8	89.9	89.9	89.9	89.9
GE 1500	78.0	83.5	88.6	90.1	91.0	91.2	91.5	91.8	91.8	91.9	91.9	91.9	91.9
GE 1200	79.4	85.5	91.1	92.9	93.9	94.1	94.6	94.9	94.9	95.2	95.2	95.2	95.2
GE 1000	79.8	86.1	91.8	93.8	94.7	95.1	95.7	96.1	96.1	96.5	96.5	96.5	96.5
GE 900	80.1	86.6	92.4	94.4	95.5	95.8	96.5	97.0	97.0	97.3	97.3	97.3	97.3
GE 800	80.1	86.6	92.5	94.5	96.1	96.5	97.1	97.6	97.6	98.0	98.0	98.0	98.0
GE 700	80.1	86.6	92.6	94.6	96.2	96.6	97.4	98.0	98.0	98.3	98.4	98.4	98.4
GE 600	80.3	86.8	92.8	94.8	96.5	96.9	97.7	98.5	98.5	99.1	99.2	99.2	99.2
GE 500	80.3	86.8	92.8	94.8	96.5	97.0	97.8	98.9	98.9	99.7	99.8	99.8	99.8
GE 400	80.3	86.8	92.8	94.8	96.5	97.0	97.8	98.9	98.9	99.8	99.9	99.9	99.9
GE 300	80.3	86.8	92.8	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0
GE 200	80.3	86.8	92.8	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0
GE 100	80.3	86.8	92.8	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0
GE 000	80.3	86.8	92.8	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: MAY HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2	44.2
	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6	51.6
	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5	52.5
	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4	55.4
	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8	61.8
	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	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
	65.7	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	71.1	71.2	71.2	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4	71.4
	76.1	76.3	76.3	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6	76.6
	81.5	81.8	81.8	82.2	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	84.6	85.3	85.4	85.7	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9	85.9
	88.2	88.8	89.0	89.4	89.6	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7
	88.4	89.0	89.2	89.6	89.8	89.8	89.9	89.9	89.9	89.9	89.9	89.9	89.9
	90.1	91.0	91.2	91.5	91.8	91.8	91.9	91.9	91.9	91.9	91.9	91.9	91.9
	92.9	93.9	94.1	94.6	94.9	94.9	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	93.3	94.7	95.1	95.7	96.1	96.1	96.5	96.5	96.5	96.5	96.5	96.5	96.5
	94.4	95.5	95.8	96.5	97.0	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.3
	94.5	96.1	96.5	97.1	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
	94.6	96.2	96.6	97.4	98.0	98.0	98.3	98.4	98.4	98.4	98.4	98.4	98.4
	94.8	96.5	96.9	97.7	98.5	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2
	94.8	96.5	97.0	97.8	98.9	98.9	99.7	99.8	99.8	99.8	99.8	99.8	99.8
	94.8	96.5	97.0	97.8	98.9	98.9	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	94.8	96.5	97.0	97.8	98.9	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	42.3	43.5	44.0	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
GE 20000	50.1	51.7	52.3	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1	53.1
GE 18000	50.2	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 16000	50.2	51.8	52.4	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
GE 14000	51.0	52.6	53.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
GE 12000	52.2	53.9	54.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
GE 10000	54.6	56.6	57.5	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 9000	55.3	57.2	58.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
GE 8000	58.2	60.9	62.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
GE 7000	59.0	61.9	63.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
GE 6000	59.9	62.7	64.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
GE 5000	61.5	64.4	65.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
GE 4500	64.6	67.7	69.5	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
GE 4000	68.0	71.6	73.5	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3
GE 3500	71.7	76.0	78.2	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0
GE 3000	76.8	81.2	83.7	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5
GE 2500	79.2	84.4	87.1	88.8	89.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5
GE 2000	80.1	85.4	88.4	90.6	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9
GE 1800	80.2	85.6	88.6	90.9	91.4	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2
GE 1500	81.2	86.9	90.2	92.6	93.5	94.0	94.3	94.4	94.4	94.7	94.8	94.8	94.8
GE 1200	82.4	88.5	91.9	94.7	95.7	96.5	97.0	97.2	97.2	97.5	97.6	97.6	97.6
GE 1000	82.4	88.7	92.6	95.5	96.7	97.4	98.1	98.3	98.3	98.6	98.7	98.7	98.7
GE 900	82.4	88.8	92.7	95.6	96.8	97.5	98.3	98.5	98.5	98.8	98.9	98.9	98.9
GE 800	82.5	89.1	93.0	95.9	97.2	98.1	98.8	99.0	99.0	99.4	99.5	99.5	99.5
GE 700	82.5	89.1	93.1	96.0	97.3	98.2	99.0	99.4	99.4	99.7	99.8	99.8	99.8
GE 600	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE 500	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE 400	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE 300	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE 200	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE 100	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9
GE 000	82.5	89.1	93.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: MAY HOURS: 15-17

	VISIBILITY IN STATUTE MILES												
CEILING	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5	44.5
.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	53.1
.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	53.2
.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	53.2
.1	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0	54.0
.4	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
.5	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
.3	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2	59.2
.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3	63.3
.1	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
.0	65.2	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3	65.3
.9	67.1	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2	67.2
.6	70.8	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0	71.0
.5	74.8	75.1	75.2	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
.2	79.6	79.8	79.9	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
.7	85.1	85.3	85.4	85.4	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5	85.5
.1	88.8	89.0	89.2	89.4	89.5	89.5	89.5	89.5	89.5	89.5	89.5	89.6	89.6
.4	90.6	91.2	91.5	91.7	91.8	91.8	91.9	91.9	91.9	91.9	91.9	92.0	92.0
.5	90.9	91.4	91.7	91.9	92.0	92.0	92.2	92.2	92.2	92.2	92.2	92.3	92.3
.2	92.6	93.5	94.0	94.3	94.4	94.4	94.7	94.8	94.8	94.8	94.8	94.9	94.9
.9	94.7	95.7	96.5	97.0	97.2	97.2	97.5	97.6	97.6	97.6	97.6	97.7	97.7
.0	95.5	96.7	97.4	98.1	98.3	98.3	98.6	98.7	98.7	98.7	98.7	98.8	98.8
.2	95.6	96.8	97.5	98.3	98.5	98.5	98.8	98.9	98.9	98.9	98.9	99.0	99.0
.0	95.9	97.2	98.1	98.8	99.0	99.0	99.4	99.5	99.5	99.5	99.5	99.6	99.6
.1	96.0	97.3	98.2	99.0	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.9	99.9
.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0
.1	96.0	97.3	98.3	99.1	99.5	99.5	99.8	99.9	99.9	99.9	99.9	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAY HOURS: 18-2

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	47.3	49.2	49.8	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50
GE 20000	55.2	57.6	58.8	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60
GE 18000	55.2	57.6	58.8	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60
GE 16000	55.2	57.6	58.8	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60
GE 14000	55.4	57.8	59.0	59.7	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60
GE 12000	56.8	59.2	60.5	61.2	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62
GE 10000	59.8	62.4	63.9	64.5	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65
GE 9000	60.5	63.1	64.7	65.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66
GE 8000	64.5	67.3	69.1	70.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71
GE 7000	65.4	68.2	70.0	71.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72
GE 6000	65.9	68.7	70.5	71.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72
GE 5000	67.2	70.0	71.8	72.8	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74
GE 4500	69.2	72.3	74.2	75.3	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77
GE 4000	72.6	75.7	78.2	79.2	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81
GE 3500	75.1	78.4	81.3	82.7	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84
GE 3000	77.0	80.6	83.8	85.3	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87
GE 2500	78.6	82.5	85.6	87.7	90.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90
GE 2000	80.0	84.0	87.1	89.6	92.4	92.7	93.3	93.4	93.4	93.5	93.7	93.7	93
GE 1800	80.0	84.0	87.2	89.7	92.5	92.8	93.4	93.5	93.5	93.7	93.8	93.8	93
GE 1500	81.0	85.1	88.5	91.3	94.4	94.8	95.7	95.8	95.8	95.9	96.0	96.0	96
GE 1200	81.5	85.7	89.7	92.7	95.9	96.3	97.4	97.6	97.6	97.7	97.8	97.8	97
GE 1000	81.5	85.7	89.9	93.2	96.8	97.2	98.5	98.7	98.8	98.9	99.0	99.0	99
GE 900	81.5	85.7	89.9	93.2	96.8	97.2	98.5	98.7	98.8	98.9	99.0	99.0	99
GE 800	81.5	85.7	89.9	93.3	96.9	97.3	98.6	99.0	99.2	99.4	99.5	99.5	99
GE 700	81.5	85.8	90.0	93.4	97.0	97.4	98.7	99.2	99.5	99.6	99.7	99.7	99
GE 600	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GE 500	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GE 400	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GE 300	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GE 200	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GE 100	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100
GE 000	81.5	85.8	90.0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: MAY HOURS: 18-20

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 99	49.9	50.1	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2	50.2
GE 60	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 50	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 40	59.5	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 30	59.7	60.5	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
GE 25	61.2	62.0	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
GE 20	64.5	65.4	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5	65.5
GE 15	65.4	66.2	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 12	70.1	71.2	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10	71.0	72.0	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2	72.2
GE 9	71.5	72.7	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8	72.8
GE 8	73.3	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
GE 7	75.3	76.8	76.9	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0	77.0
GE 6	79.2	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
GE 5	82.7	84.3	84.5	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 4	85.3	87.2	87.4	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 3	87.7	90.2	90.5	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9	90.9
GE 2	90.5	92.4	92.7	93.3	93.4	93.4	93.5	93.7	93.7	93.7	93.7	93.7	93.7
GE 1	90.7	92.5	92.8	93.4	93.5	93.5	93.7	93.8	93.8	93.8	93.8	93.8	93.8
GE 0	91.3	94.4	94.8	95.7	95.8	95.8	95.9	96.0	96.0	96.0	96.0	96.0	96.0
NO CEIL	92.7	95.9	96.3	97.4	97.6	97.6	97.7	97.8	97.8	97.8	97.8	97.8	97.8
GE 99	93.2	96.8	97.2	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 60	93.2	96.8	97.2	98.5	98.7	98.8	98.9	99.0	99.0	99.0	99.0	99.0	99.0
GE 50	93.3	96.9	97.3	98.6	99.0	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
GE 40	93.4	97.0	97.4	98.7	99.2	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
GE 30	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 25	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 20	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 15	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 12	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 10	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 9	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 8	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 7	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 6	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 5	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 4	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 3	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 2	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 1	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	93.5	97.1	97.6	98.9	99.6	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION MAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724288 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 74
LST TO UTC: + 5 MONTH: MAY HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	50.1	52.6	55.2	55.9	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.
GE 20000	54.9	58.3	61.3	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.
GE 18000	54.9	58.3	61.3	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.
GE 16000	54.9	58.3	61.3	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.
GE 14000	54.9	58.3	61.3	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.
GE 12000	55.9	59.5	62.5	63.5	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.
GE 10000	58.2	61.9	65.1	66.1	67.0	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.
GE 9000	59.0	63.1	66.2	67.3	68.2	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.
GE 8000	62.5	66.7	69.9	71.0	72.2	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.
GE 7000	63.5	67.7	71.0	72.0	73.2	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.
GE 6000	64.6	68.8	72.0	73.1	74.3	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.
GE 5000	66.5	70.9	74.2	75.3	76.6	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.
GE 4500	69.2	73.1	76.5	77.6	79.2	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.
GE 4000	70.6	75.0	79.2	80.6	82.3	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.
GE 3500	73.1	77.6	82.4	83.9	85.5	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.
GE 3000	74.9	80.5	84.3	85.8	87.6	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.
GE 2500	75.9	81.5	85.7	87.2	89.2	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.
GE 2000	76.4	82.5	86.9	88.5	90.5	91.7	92.8	92.8	92.8	92.8	92.8	92.8	92.
GE 1800	76.9	82.7	87.3	88.9	91.2	92.2	93.2	93.2	93.2	93.2	93.2	93.2	93.
GE 1500	77.4	83.7	88.6	91.2	93.7	94.6	95.9	95.9	95.9	95.9	95.9	95.9	95.
GE 1200	77.6	83.7	88.6	91.3	93.9	94.8	96.1	96.3	96.3	96.3	96.3	96.3	96.
GE 1000	77.6	83.7	88.6	91.7	94.7	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.
GE 900	77.6	83.7	88.8	91.7	94.7	95.7	97.1	97.3	97.3	97.3	97.3	97.3	97.
GE 800	78.0	83.9	88.9	91.9	95.4	96.6	98.0	98.4	98.5	98.5	98.5	98.5	98.
GE 700	78.0	83.9	88.9	92.0	95.5	96.8	98.4	99.0	99.1	99.1	99.1	99.1	99.
GE 600	78.0	83.9	88.9	92.0	95.6	96.9	98.5	99.1	99.2	99.2	99.2	99.2	99.
GE 500	78.0	83.9	88.9	92.0	95.8	97.1	98.8	99.7	99.8	99.8	99.8	99.8	99.
GE 400	78.0	83.9	88.9	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.
GE 300	78.0	83.9	88.9	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.
GE 200	78.0	83.9	88.9	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.
GE 100	78.0	83.9	88.9	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.
GE 000	78.0	83.9	88.9	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC + 5 MONTH: MAY HOURS: 21-23

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	55.9	56.3	56.3	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7	56.7
GE 20000	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 18000	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 16000	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 14000	62.4	63.0	63.2	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
GE 12000	63.5	64.2	64.5	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
GE 10000	66.1	67.0	67.3	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8	67.8
GE 9000	67.8	68.2	68.5	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 8000	71.0	72.2	72.9	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4	73.4
GE 7000	72.0	73.2	74.0	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
GE 6000	73.1	74.3	75.1	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6	75.6
GE 5000	75.3	76.6	77.3	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8	77.8
GE 4500	77.5	78.2	80.0	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5	80.5
GE 4000	80.5	82.3	83.0	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7	83.7
GE 3500	83.3	85.5	86.2	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	85.4	87.6	88.4	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1	89.1
GE 2500	87.2	89.2	90.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1	91.1
GE 2000	88.5	90.9	91.7	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
GE 1800	89.9	91.2	92.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2	93.2
GE 1600	91.2	93.7	94.6	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 1400	91.3	93.9	94.8	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
GE 1200	91.7	94.7	95.7	97.0	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2	97.2
GE 1000	91.7	94.7	95.7	97.1	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3	97.3
GE 900	91.9	95.4	96.6	98.0	98.4	98.5	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 800	92.0	95.5	96.8	98.4	99.0	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
GE 700	92.0	95.6	96.9	98.5	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 600	92.0	95.8	97.1	98.8	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 500	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	92.0	95.8	97.1	98.9	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

999

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: MAY HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	43.4	45.6	47.5	48.7	49.5	49.6	50.2	50.4	50.5	50.5	50.6	50.6
GE 20000	48.2	51.0	53.2	54.7	55.7	55.9	56.4	56.6	56.7	56.8	56.8	56.8
GE 18000	48.2	51.0	53.2	54.7	55.7	56.0	56.5	56.6	56.7	56.8	56.9	56.9
GE 16000	48.2	51.0	53.2	54.7	55.7	56.0	56.5	56.6	56.7	56.8	56.9	56.9
GE 14000	48.4	51.2	53.4	54.9	55.9	56.2	56.7	56.9	56.9	57.0	57.1	57.1
GE 12000	49.3	52.2	54.4	55.9	56.9	57.2	57.7	57.9	58.0	58.1	58.1	58.1
GE 10000	51.9	55.0	57.5	59.0	60.1	60.4	61.0	61.1	61.2	61.3	61.4	61.4
GE 9000	52.7	55.9	58.4	60.0	61.1	61.4	62.0	62.2	62.2	62.3	62.4	62.4
GE 8000	56.1	59.7	62.5	64.3	65.6	66.0	66.6	66.9	67.0	67.1	67.2	67.2
GE 7000	57.4	61.1	64.0	65.9	67.2	67.7	68.3	68.7	68.8	68.9	69.0	69.0
GE 6000	58.2	61.9	64.8	66.8	68.2	68.6	69.3	69.6	69.7	69.8	70.0	70.0
GE 5000	68.7	68.7	66.8	68.8	70.4	70.8	71.6	72.0	72.1	72.2	72.3	72.3
GE 4500	61.2	65.4	68.3	71.0	72.7	73.2	74.0	74.4	74.5	74.6	74.8	74.8
GE 4000	63.6	68.4	72.1	74.6	76.4	76.9	77.9	78.4	78.5	78.6	78.8	78.8
GE 3500	65.6	70.8	74.9	77.6	79.4	79.9	81.0	81.5	81.6	81.7	81.9	81.9
GE 3000	66.1	73.3	77.6	80.4	82.4	83.0	84.0	84.6	84.7	84.8	85.0	85.0
GE 2500	69.2	75.2	79.7	82.4	85.0	85.7	86.9	87.5	87.6	87.7	87.9	87.9
GE 2000	70.9	76.6	81.2	84.6	87.1	87.8	89.1	89.7	89.8	90.0	90.1	90.1
GE 1800	71.1	76.7	81.5	84.9	87.4	88.1	89.4	90.0	90.1	90.3	90.5	90.5
GE 1600	72.2	78.0	83.1	86.7	89.4	90.2	91.7	92.4	92.5	92.7	92.9	92.9
GE 1200	72.6	78.4	84.1	88.0	91.0	91.8	93.5	94.3	94.4	94.6	94.8	94.8
GE 1000	73.0	79.1	84.7	88.8	92.0	92.9	94.7	95.6	95.7	95.9	96.1	96.1
GE 900	73.0	79.2	84.8	88.9	92.3	93.2	95.1	96.0	96.2	96.4	96.6	96.6
GE 800	73.1	79.4	85.1	89.3	92.8	93.8	95.8	96.7	96.9	97.2	97.4	97.4
GE 700	73.1	79.4	85.2	89.5	93.0	94.0	96.3	97.4	97.6	97.9	98.1	98.1
GE 600	73.2	79.5	85.3	89.7	93.4	94.5	96.7	98.0	98.2	98.5	98.7	98.7
GE 500	73.2	79.5	85.3	89.8	93.6	94.8	97.1	98.5	98.7	99.1	99.3	99.3
GE 400	73.2	79.5	85.3	89.8	93.6	94.8	97.2	98.7	98.9	99.2	99.5	99.5
GE 300	73.2	79.5	85.3	89.8	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5
GE 200	73.2	79.5	85.3	89.8	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5
GE 100	73.2	79.5	85.3	89.8	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5
GE 000	73.2	79.5	85.3	89.8	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
[D UTC: + 5 MONTH: MAY HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible].7	49.5	49.6	50.2	50.4	50.5	50.5	50.6	50.6	50.7	50.7	50.7	50.7
[illegible].7	55.7	55.9	56.4	56.6	56.7	56.8	56.8	56.8	56.9	57.0	57.0	57.0
[illegible].7	55.7	56.0	56.5	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0
[illegible].7	55.7	56.0	56.5	56.6	56.7	56.8	56.9	56.9	56.9	57.0	57.0	57.0
[illegible].9	55.9	56.2	56.7	56.9	56.9	57.0	57.1	57.1	57.2	57.2	57.2	57.2
[illegible].9	56.9	57.2	57.7	57.9	58.0	58.1	58.1	58.1	58.2	58.3	58.3	58.3
[illegible].0	60.1	60.4	61.0	61.1	61.2	61.3	61.4	61.4	61.5	61.5	61.5	61.5
[illegible].0	61.1	61.4	62.0	62.2	62.2	62.3	62.4	62.4	62.5	62.5	62.5	62.5
[illegible].3	65.6	66.0	66.6	66.9	67.0	67.1	67.2	67.2	67.3	67.4	67.4	67.4
[illegible].9	67.2	67.7	68.3	68.7	68.8	68.9	69.0	69.0	69.1	69.1	69.2	69.2
[illegible].9	68.2	68.6	69.3	69.6	69.7	69.8	70.0	70.0	70.1	70.1	70.1	70.1
[illegible].1	70.4	70.8	71.6	72.0	72.1	72.2	72.3	72.3	72.4	72.5	72.5	72.5
[illegible].0	72.7	73.2	74.0	74.4	74.5	74.6	74.7	74.8	74.9	74.9	75.0	75.0
[illegible].5	75.4	76.9	77.9	78.4	78.5	78.6	78.8	78.8	78.9	78.9	78.9	78.9
[illegible].5	79.4	79.9	81.0	81.5	81.6	81.7	81.9	81.9	82.0	82.0	82.1	82.1
[illegible].4	82.4	83.0	84.0	84.5	84.7	84.8	85.0	85.0	85.1	85.1	85.2	85.2
[illegible].7	86.0	86.7	86.9	87.5	87.6	87.7	87.9	87.9	88.0	88.0	88.1	88.1
[illegible].6	87.1	87.8	89.1	89.7	89.8	90.0	90.1	90.1	90.3	90.3	90.3	90.3
[illegible].5	87.4	88.1	89.4	90.0	90.1	90.3	90.5	90.5	90.6	90.6	90.6	90.6
[illegible].7	89.4	90.2	91.7	92.4	92.5	92.7	92.9	92.9	93.0	93.0	93.1	93.1
[illegible].4	91.0	91.8	93.5	94.3	94.4	94.6	94.8	94.8	94.9	94.9	95.0	95.0
[illegible].4	92.0	92.9	94.7	95.6	95.7	95.9	96.1	96.1	96.2	96.2	96.3	96.3
[illegible].0	92.3	93.2	95.1	96.0	96.2	96.4	96.6	96.6	96.7	96.7	96.8	96.8
[illegible].2	92.8	93.8	95.8	96.7	96.9	97.2	97.4	97.4	97.5	97.5	97.5	97.5
[illegible].5	93.0	94.0	96.3	97.4	97.6	97.9	98.1	98.1	98.3	98.3	98.3	98.3
[illegible].7	93.4	94.5	96.7	98.0	98.2	98.5	98.7	98.7	98.9	98.9	99.0	99.0
[illegible].1	93.6	94.8	97.1	98.5	98.7	99.1	99.3	99.3	99.5	99.5	99.6	99.6
[illegible].1	93.6	94.8	97.2	98.7	98.8	99.2	99.5	99.5	99.6	99.7	99.7	99.7
[illegible].9	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5	99.7	99.8	99.8	99.9
[illegible].9	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5	99.8	99.8	99.8	99.9
[illegible].9	93.6	94.8	97.2	98.7	98.8	99.3	99.5	99.5	99.8	99.8	99.8	100.0
[illegible].9	93.6	94.8	97.2	98.7	98.9	99.3	99.5	99.5	99.8	99.8	99.9	100.0

[illegible]

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: JUN HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	51.1	54.9	58.4	60.7	63.4	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	54.9	58.8	63.4	65.9	68.8	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	54.9	58.8	63.4	65.9	68.8	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	54.9	58.8	63.4	65.9	68.8	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	55.1	59.1	63.8	66.2	69.1	69.4	70.3	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	55.8	59.8	64.4	66.9	69.8	70.1	71.0	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	58.4	62.7	67.6	70.2	73.7	74.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	59.7	64.0	69.1	71.9	75.3	75.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	63.2	68.1	73.7	76.7	80.6	80.9	82.2	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	64.2	69.1	74.8	77.9	81.9	82.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	64.5	69.4	75.2	78.3	82.3	82.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	66.7	70.6	76.7	79.9	84.0	84.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	66.9	71.9	78.2	81.4	85.6	85.9	87.2	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	68.1	74.4	81.1	84.4	88.7	89.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	69.3	75.1	81.8	85.1	89.7	90.1	91.9	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	70.7	76.0	83.2	86.6	91.8	92.2	94.1	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	71.4	76.7	84.2	87.6	92.9	93.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	71.9	77.3	84.8	88.1	93.4	93.9	95.9	96.4	96.6	96.6	96.6	96.6	96.6
GE 1800	72.0	77.4	85.0	88.3	93.7	94.1	96.1	96.7	96.8	96.8	96.8	96.8	96.8
GE 1500	72.1	77.6	85.3	88.6	94.2	94.7	96.7	97.2	97.7	97.7	97.7	97.7	97.7
GE 1200	72.1	77.6	85.3	88.8	94.2	94.7	96.9	97.4	97.9	97.9	97.9	97.9	97.9
GE 1000	72.2	77.7	85.4	88.9	94.4	94.9	97.2	97.8	98.2	98.2	98.2	98.2	98.2
GE 900	72.4	78.0	85.8	89.2	94.8	95.2	97.6	98.1	98.6	98.6	98.6	98.6	98.6
GE 800	72.6	78.0	85.8	89.2	94.8	95.2	97.6	98.1	98.6	98.6	98.6	98.6	98.6
GE 700	72.7	78.1	85.9	89.3	94.9	95.3	97.7	98.2	98.7	98.7	98.7	98.7	98.7
GE 600	72.7	78.1	85.9	89.3	94.9	95.3	97.7	98.2	98.7	98.7	98.7	98.7	98.7
GE 500	72.7	78.1	85.9	89.4	95.1	95.5	98.2	98.8	99.2	99.2	99.2	99.2	99.2
GE 400	72.7	78.1	85.9	89.4	95.1	95.5	98.2	98.8	99.2	99.2	99.2	99.2	99.2
GE 300	72.7	78.1	85.9	89.4	95.1	95.5	98.3	98.9	99.3	99.3	99.3	99.3	99.3
GE 200	72.7	78.1	85.9	89.6	95.3	96.0	98.6	99.2	99.7	99.7	99.9	99.9	99.9
GE 100	72.7	78.1	85.9	89.6	95.3	96.0	98.6	99.2	99.7	99.7	99.9	100.0	100.0
SP 000	72.7	78.1	85.9	89.6	95.3	96.0	98.6	99.2	99.7	99.7	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
E: + 5 MONTH: JUN HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES										
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	63.4	63.6	64.4	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 20000	69.3	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 18000	69.3	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 16000	69.3	69.1	70.0	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 14000	69.1	69.4	70.3	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7	70.7
GE 12000	69.8	70.1	71.0	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	73.7	74.0	75.1	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 9000	75.3	75.7	76.8	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
GE 8000	80.6	80.9	82.2	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
GE 7000	81.9	82.2	83.6	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9	83.9
GE 6000	82.3	82.7	84.0	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3	84.3
GE 5000	84.0	84.3	85.7	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0	86.0
GE 4500	85.5	85.9	87.3	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6	87.6
GE 4000	88.7	89.0	90.3	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7	90.7
GE 3500	89.7	90.1	91.9	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
GE 3000	91.8	92.2	94.1	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7	94.7
GE 2500	92.9	93.3	95.3	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
GE 2000	93.4	93.9	95.9	96.4	96.6	96.6	96.6	96.6	96.6	96.6	96.6	96.6
GE 1800	93.7	94.1	96.1	96.7	96.8	96.8	96.8	96.8	96.8	96.8	96.8	96.8
GE 1600	94.2	94.7	96.7	97.2	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 1400	94.2	94.7	96.9	97.4	97.9	97.9	97.9	97.9	97.9	97.9	97.9	97.9
GE 1200	94.4	94.9	97.2	97.8	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
GE 1000	94.7	95.2	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 900	94.9	95.2	97.6	98.1	98.6	98.6	98.6	98.6	98.6	98.6	98.6	98.6
GE 800	94.9	95.3	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 700	94.9	95.3	97.7	98.2	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 600	95.1	95.8	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 500	95.1	95.8	98.2	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 400	95.1	95.8	98.3	98.9	99.3	99.3	99.3	99.3	99.3	99.3	99.3	99.3
GE 300	95.8	96.0	98.6	99.2	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
GE 200	95.8	96.0	98.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0
GE 100	95.8	96.0	98.6	99.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 03-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	40.4	43.6	49.6	53.1	57.1	57.8	59.4	60.6	60.7	61.0	61.2	61.2	61
GE 20000	42.9	46.4	52.7	56.8	61.2	62.0	64.0	65.4	65.6	65.9	66.2	66.2	66
GE 18000	42.9	46.4	52.7	56.8	61.2	62.0	64.0	65.4	65.6	65.9	66.2	66.2	66
GE 16000	42.9	46.4	52.7	56.8	61.2	62.0	64.0	65.4	65.6	65.9	66.2	66.2	66
GE 14000	43.1	46.7	53.0	57.3	61.8	62.6	64.6	66.0	66.1	66.4	66.8	66.8	66
GE 12000	44.0	47.6	54.0	58.3	62.8	63.6	65.6	67.0	67.1	67.4	67.8	67.8	67
GE 10000	46.3	50.0	56.7	61.0	65.9	66.7	68.3	70.3	70.4	70.8	71.1	71.1	71
GE 9000	47.2	50.9	57.8	62.1	67.0	67.8	69.9	71.4	71.6	71.9	72.2	72.2	72
GE 8000	50.1	54.3	61.7	66.2	71.8	72.6	74.9	76.4	76.6	77.0	77.3	77.3	77
GE 7000	51.0	55.3	62.7	67.6	73.2	74.0	76.4	78.0	78.1	78.6	78.9	78.9	79
GE 6000	51.6	55.9	63.3	68.3	74.0	74.8	77.2	78.8	78.9	79.3	79.7	79.7	79
GE 5000	52.9	57.3	64.9	70.0	75.9	76.7	79.1	80.7	80.9	81.3	81.7	81.7	81
GE 4500	54.1	58.6	66.1	71.2	77.3	78.1	80.7	82.2	82.4	82.9	83.2	83.2	83
GE 4000	55.9	60.3	68.0	73.6	80.3	81.1	83.7	85.4	85.7	86.1	86.4	86.4	86
GE 3500	56.6	61.0	68.7	74.3	81.7	82.4	85.1	87.0	87.2	87.6	88.1	88.1	88
GE 3000	57.1	62.7	71.0	76.9	85.0	85.9	88.6	90.4	90.7	91.2	91.6	91.6	91
GE 2500	57.9	63.6	71.9	77.9	86.3	87.2	89.9	91.9	92.1	92.7	93.0	93.0	93
GE 2000	58.4	64.1	72.4	78.6	87.1	88.0	90.9	92.9	93.1	93.7	94.0	94.0	94
GE 1800	58.6	64.2	72.6	78.7	87.2	88.1	91.0	93.0	93.2	93.8	94.1	94.1	94
GE 1500	58.7	64.3	72.9	79.2	88.0	89.0	91.9	93.9	94.2	94.8	95.1	95.1	95
GE 1200	59.0	64.6	73.1	79.4	88.7	89.8	92.9	94.9	95.3	95.9	96.2	96.2	96
GE 1000	59.1	64.8	73.3	79.6	89.1	90.2	93.3	95.3	95.8	96.3	96.7	96.7	96
GE 900	59.1	64.9	73.4	79.7	89.2	90.3	93.4	95.4	95.9	96.4	96.8	96.8	96
GE 800	59.2	65.0	73.6	80.0	89.3	90.4	93.6	95.6	96.0	96.6	96.9	96.9	97
GE 700	59.2	65.0	73.6	80.0	89.3	90.4	93.8	95.9	96.3	96.9	97.2	97.2	97
GE 600	59.2	65.0	73.6	80.0	89.3	90.7	94.0	96.1	96.6	97.2	97.6	97.6	97
GE 500	59.2	65.0	73.6	80.0	89.3	90.7	94.1	96.2	96.8	97.4	97.8	97.8	97
GE 400	59.2	65.0	73.6	80.0	89.3	90.7	94.1	96.2	96.8	97.4	97.8	97.8	97
GE 300	59.2	65.0	73.6	80.0	89.3	90.7	94.1	96.2	96.8	97.4	97.9	98.0	9
GE 200	59.2	65.0	73.6	80.0	89.3	90.7	94.1	96.3	96.9	97.8	98.3	98.4	9
GE 100	59.2	65.0	73.6	80.0	89.3	90.7	94.1	96.3	96.9	97.9	98.4	98.6	9
GE 000	59.2	65.0	73.6	80.0	89.3	90.7	94.1	96.3	96.9	97.9	98.4	98.6	9

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUN HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	53.1	57.1	57.8	59.4	60.6	60.7	61.0	61.2	61.2	61.3	61.4	61.4	61.6
	56.8	61.2	62.0	64.0	65.4	65.5	65.9	66.2	66.2	66.3	66.4	66.4	66.6
	56.8	61.2	62.0	64.0	65.4	65.5	65.9	66.2	66.2	66.3	66.4	66.4	66.6
	56.8	61.2	62.0	64.0	65.4	65.6	65.9	66.2	66.2	66.3	66.4	66.4	66.6
	57.3	61.8	62.6	64.6	66.0	66.1	66.4	66.8	66.8	66.9	67.0	67.0	67.1
	58.3	62.8	63.6	65.6	67.0	67.1	67.4	67.8	67.8	67.9	68.0	68.0	68.1
	61.0	65.9	66.7	68.3	70.3	70.4	70.8	71.1	71.1	71.2	71.3	71.3	71.4
	62.1	67.0	67.8	69.9	71.4	71.6	71.9	72.2	72.2	72.3	72.4	72.4	72.6
	66.2	71.8	72.6	74.9	76.4	76.6	77.0	77.3	77.3	77.4	77.6	77.6	77.7
	67.6	73.2	74.0	76.4	78.0	78.1	78.6	78.9	78.9	79.0	79.1	79.1	79.2
	68.3	74.0	74.8	77.2	78.8	78.9	79.3	79.7	79.7	79.8	79.9	79.9	80.0
	70.0	75.9	76.7	79.1	80.7	80.9	81.3	81.7	81.7	81.8	81.9	81.9	82.0
	71.2	77.3	78.1	80.7	82.2	82.4	82.9	83.2	83.2	83.3	83.4	83.4	83.6
	73.6	80.3	81.1	83.7	85.4	85.7	86.1	86.4	86.4	86.6	86.7	86.7	86.8
	74.3	81.7	82.4	85.1	87.0	87.2	87.8	88.1	88.1	88.2	88.3	88.3	88.4
	75.9	85.0	85.9	88.6	90.4	90.7	91.2	91.6	91.6	91.7	91.8	91.8	91.9
	77.3	86.3	87.2	89.9	91.9	92.1	92.7	93.0	93.0	93.1	93.2	93.2	93.3
	78.5	87.1	88.0	90.9	92.9	93.1	93.7	94.0	94.0	94.1	94.2	94.2	94.3
	78.7	87.2	88.1	91.0	93.0	93.2	93.8	94.1	94.1	94.2	94.3	94.3	94.4
	79.2	88.0	89.0	91.9	93.9	94.2	94.8	95.1	95.1	95.2	95.3	95.3	95.4
	79.4	88.7	89.8	92.9	94.9	95.3	95.9	96.2	96.2	96.3	96.4	96.4	96.6
	79.5	89.1	90.2	93.3	95.3	95.8	96.3	96.7	96.7	96.8	96.9	96.9	97.0
	79.7	89.2	90.3	93.4	95.4	95.9	96.4	96.8	96.8	96.9	97.0	97.0	97.1
	80.0	89.3	90.4	93.5	95.6	96.0	96.6	96.9	96.9	97.0	97.1	97.1	97.2
	80.0	89.3	90.4	93.8	95.9	96.3	96.9	97.2	97.2	97.4	97.6	97.6	97.7
	80.0	89.3	90.7	94.0	96.1	96.6	97.2	97.6	97.6	97.8	97.9	97.9	98.0
	80.0	89.3	90.7	94.1	96.2	96.8	97.4	97.8	97.8	98.0	98.1	98.1	98.2
	80.0	89.3	90.7	94.1	96.2	96.8	97.4	97.8	97.8	98.0	98.1	98.1	98.3
	80.0	89.3	90.7	94.1	96.2	96.8	97.4	97.9	98.0	98.4	98.6	98.6	98.9
	80.0	89.3	90.7	94.1	96.3	96.9	97.8	98.3	98.4	98.9	99.0	99.0	99.7
	80.0	89.3	90.7	94.1	96.3	96.9	97.9	98.4	98.6	99.0	99.1	99.1	100.0
	80.0	89.3	90.7	94.1	96.3	96.9	97.9	98.4	98.6	99.0	99.1	99.1	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 06-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	33.1	37.8	43.8	47.2	51.2	53.2	54.8	55.6	55.9	56.1	56.1	56.1	56.
GE 20000	35.6	40.7	47.7	52.1	56.7	58.9	60.8	61.8	62.2	62.7	62.7	62.8	62.
GE 18000	35.6	40.7	47.7	52.1	56.7	58.9	60.8	61.8	62.2	62.7	62.7	62.8	62.
GE 16000	35.6	40.7	47.7	52.1	56.7	58.9	60.8	61.8	62.2	62.7	62.7	62.8	62.
GE 14000	35.7	40.8	47.8	52.2	56.8	59.0	60.9	61.9	62.4	62.9	62.9	63.0	63.
GE 12000	36.5	41.8	49.3	53.8	58.4	60.8	62.7	63.7	64.2	64.7	64.7	64.8	64.
GE 10000	38.7	44.1	51.7	56.7	61.8	64.1	66.2	67.2	67.8	68.2	68.2	68.3	68.
GE 9000	39.0	44.4	52.0	57.2	62.4	64.8	66.9	67.9	68.4	68.9	68.9	69.0	69.
GE 8000	43.8	49.7	58.6	64.1	69.7	72.3	74.4	75.9	76.4	76.9	76.9	77.0	77.
GE 7000	44.0	49.9	58.8	64.4	70.0	72.7	75.2	76.3	76.9	77.3	77.3	77.4	77.
GE 6000	44.2	50.3	59.6	65.4	71.0	73.7	76.2	77.3	77.9	78.3	78.3	78.4	78.
GE 5000	45.0	51.2	60.8	66.7	72.6	75.2	78.1	79.2	79.9	80.3	80.3	80.4	80.
GE 4500	45.3	51.6	61.3	67.1	73.0	75.8	78.7	80.1	80.8	81.2	81.2	81.3	81.
GE 4000	45.8	52.3	61.9	68.6	75.0	78.1	81.3	82.9	83.6	84.0	84.0	84.1	84.
GE 3500	46.4	53.1	62.9	69.9	76.6	79.8	83.0	84.6	85.2	85.7	85.7	85.8	85.
GE 3000	47.8	54.6	64.3	71.3	78.2	81.4	84.7	86.3	87.0	87.7	87.8	87.9	88.
GE 2500	49.1	55.9	65.9	72.9	79.8	83.0	86.2	88.1	88.8	89.4	89.6	89.7	89.
GE 2000	50.0	56.9	67.1	74.1	81.2	84.7	88.1	90.0	90.7	91.3	91.6	91.7	91.
GE 1800	50.0	57.0	67.2	74.2	81.3	84.8	88.2	90.1	90.8	91.4	91.7	91.8	91.
GE 1500	50.9	58.1	68.3	75.4	82.3	86.2	89.9	92.0	92.7	93.3	93.6	93.7	93.
GE 1200	51.3	58.7	69.0	76.3	83.9	87.3	91.3	93.4	94.1	94.8	95.0	95.1	95.
GE 1000	51.6	59.0	69.3	76.9	84.5	88.0	92.3	94.4	95.2	95.9	96.1	96.2	96.
GE 900	51.6	59.0	69.3	77.0	84.8	88.4	92.8	94.9	95.7	96.4	96.7	96.8	96.
GE 800	51.6	59.0	69.3	77.0	84.8	88.6	93.0	95.1	95.9	96.7	96.9	97.0	97.
GE 700	51.6	59.0	69.3	77.0	84.8	88.7	93.1	95.3	96.1	97.0	97.2	97.3	97.
GE 600	51.6	59.0	69.3	77.0	84.8	88.7	93.1	95.3	96.1	97.1	97.4	97.6	97.
GE 500	51.6	59.0	69.3	77.1	85.1	89.0	93.4	95.7	96.4	97.6	97.9	98.0	98.
GE 400	51.6	59.0	69.3	77.1	85.1	89.0	93.4	95.7	96.4	97.7	98.0	98.1	98.
GE 300	51.6	59.0	69.3	77.1	85.1	89.0	93.4	95.8	96.6	97.9	98.6	98.7	98.
GE 200	51.6	59.0	69.3	77.1	85.1	89.0	93.4	95.9	96.7	98.2	99.0	99.1	99.
GE 100	51.6	59.0	69.3	77.1	85.1	89.0	93.4	95.9	96.7	98.2	99.0	99.1	99.
GE 000	51.6	59.0	69.3	77.1	85.1	89.0	93.4	95.9	96.7	98.2	99.0	99.1	99.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JUN HOURS: 06-08

CEILING GE	VISIBILITY IN STATUTE MILES GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	47.2	51.2	53.2	54.8	55.6	55.9	56.1	5o.1	56.1	56.2	56.2	56.2	56.2
	52.1	56.7	58.9	60.8	61.8	62.2	62.7	62.7	62.8	62.9	62.9	62.9	62.9
	52.1	56.7	58.9	60.8	61.8	62.2	62.7	62.7	62.8	62.9	62.9	62.9	62.9
	52.1	56.7	58.9	60.8	61.8	62.2	62.7	62.7	62.8	62.9	62.9	62.9	62.9
	52.2	56.8	59.0	60.9	61.9	62.4	62.9	62.9	63.0	63.1	63.1	63.1	63.1
	53.3	58.4	60.8	62.7	63.7	64.2	64.7	64.7	64.8	64.9	64.9	64.9	64.9
	56.7	61.3	64.1	66.2	67.2	67.8	68.2	68.2	68.3	68.4	68.4	68.4	68.4
	57.2	62.4	64.8	66.9	67.9	68.4	68.9	68.9	69.0	69.1	69.1	69.1	69.1
	54.1	69.7	72.3	74.8	75.9	76.4	76.9	76.9	77.0	77.1	77.1	77.1	77.1
	54.4	70.0	72.7	75.2	76.3	76.9	77.3	77.3	77.4	77.6	77.6	77.6	77.6
	55.4	71.0	73.7	76.2	77.3	77.9	78.3	78.3	78.4	78.6	78.6	78.6	78.6
	76.7	77.6	75.2	78.1	79.2	79.9	80.3	80.3	80.4	80.6	80.6	80.6	80.6
	77.1	73.0	75.8	78.9	80.1	80.8	81.2	81.2	81.3	81.4	81.4	81.4	81.4
	83.5	75.0	78.1	81.3	82.9	83.6	84.0	84.0	84.1	84.2	84.2	84.2	84.2
	59.3	76.6	79.8	83.0	84.6	85.2	85.7	85.7	85.8	85.9	85.9	85.9	85.9
	71.3	78.2	81.4	84.7	86.3	87.0	87.7	87.8	87.9	88.0	88.0	88.0	88.0
	72.9	74.8	83.0	86.2	88.1	88.8	89.4	89.6	89.7	89.8	89.8	89.8	89.8
	74.1	81.2	84.7	88.1	90.0	90.7	91.3	91.6	91.7	91.8	91.8	91.8	91.8
	74.2	81.3	84.8	88.2	90.1	90.8	91.4	91.7	91.8	91.9	91.9	91.9	91.9
	75.4	82.3	86.2	89.9	92.0	92.7	93.3	93.6	93.7	93.8	93.8	93.8	93.8
	75.3	83.9	87.3	91.3	93.4	94.1	94.8	95.0	95.1	95.2	95.2	95.2	95.2
	76.9	84.6	88.0	92.3	94.4	95.2	95.9	96.1	96.2	96.3	96.3	96.3	96.3
	77.0	84.8	88.4	92.8	94.9	95.7	96.4	96.7	96.8	96.9	96.9	96.9	96.9
	77.0	84.9	88.6	93.0	95.1	95.9	96.7	96.9	97.0	97.1	97.1	97.1	97.1
	77.0	84.8	88.7	93.1	95.3	96.1	97.0	97.2	97.3	97.4	97.4	97.4	97.4
	77.0	84.8	88.7	93.1	95.3	96.1	97.1	97.4	97.6	97.7	97.7	97.7	97.7
	77.1	85.1	89.0	93.4	95.7	96.4	97.5	97.9	98.0	98.1	98.1	98.1	98.1
	77.1	85.1	89.0	93.4	95.7	96.4	97.7	98.0	98.1	98.2	98.2	98.3	98.6
	77.1	85.1	89.0	93.4	95.8	96.6	97.9	98.5	98.7	98.8	98.8	98.9	99.1
	77.1	85.1	89.0	93.4	95.9	96.7	98.2	99.0	99.1	99.3	99.3	99.6	99.8
	77.1	85.1	89.0	93.4	95.9	96.7	98.2	99.0	99.1	99.3	99.3	99.6	100.0
	77.1	85.1	89.0	93.4	95.9	96.7	98.2	99.0	99.1	99.3	99.3	99.6	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 09-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/
NO CEIL	43.0	49.4	53.2	54.7	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.
GE 20000	47.1	53.9	58.2	60.1	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
GE 18000	47.1	53.9	58.2	60.1	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
GE 16000	47.1	53.9	58.2	60.1	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.
GE 14000	47.6	54.3	58.8	60.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.
GE 12000	48.4	55.7	60.2	62.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.
GE 10000	50.2	58.2	62.9	64.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.
GE 9000	51.1	59.2	63.9	65.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.
GE 8000	55.2	64.3	69.3	71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.
GE 7000	56.1	65.2	70.3	72.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.
GE 6000	56.8	66.3	71.6	73.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.
GE 5000	57.8	67.3	73.0	75.4	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.
GE 4500	58.7	69.0	74.4	77.0	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.
GE 4000	59.8	71.0	77.1	80.7	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.
GE 3500	60.3	72.0	78.6	82.1	83.9	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.
GE 3000	61.3	73.6	80.3	84.2	86.3	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.
GE 2500	63.3	75.7	82.8	86.7	88.8	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.
GE 2000	65.1	77.2	84.9	89.1	91.2	91.9	92.3	92.4	92.4	92.4	92.6	92.6	92.
GE 1800	65.1	77.2	84.9	89.2	91.3	92.1	92.6	92.7	92.7	92.7	92.8	92.8	92.
GE 1500	66.2	78.4	86.4	91.8	93.9	94.7	95.2	95.3	95.3	95.3	95.4	95.4	95.
GE 1200	66.7	78.9	87.2	92.8	95.1	95.9	96.6	96.7	96.7	96.7	96.8	96.8	96.
GE 1000	67.0	79.3	87.8	93.6	96.0	97.0	97.7	97.8	97.8	97.8	97.9	97.9	97.
GE 900	67.1	79.4	88.0	93.8	96.3	97.3	98.1	98.2	98.2	98.4	98.6	98.6	98.
GE 800	67.2	79.6	88.1	93.9	96.4	97.7	98.7	98.8	98.8	99.0	99.1	99.1	99.
GE 700	67.2	79.6	88.1	94.0	96.7	97.9	98.9	99.0	99.0	99.2	99.3	99.3	99.
GE 600	67.2	79.6	88.1	94.0	96.9	98.1	99.1	99.2	99.2	99.4	99.6	99.6	99.
GE 500	67.2	79.6	88.1	94.0	97.0	98.2	99.3	99.4	99.4	99.7	99.8	99.8	99.
GE 400	67.2	79.6	88.1	94.0	97.0	98.2	99.4	99.6	99.6	99.8	99.9	99.9	99.
GE 300	67.2	79.6	88.1	94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.
GE 200	67.2	79.6	88.1	94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.
GE 100	67.2	79.6	88.1	94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.
GE 000	67.2	79.6	88.1	94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUN HOURS: 09-11

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
54.7	55.6	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7	55.7
60.1	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
60.1	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
60.1	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
60.7	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
62.1	63.2	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
64.9	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
65.9	67.1	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
71.4	72.8	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
72.4	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
73.7	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2	75.2
75.4	76.8	77.0	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2	77.2
77.0	78.6	78.8	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
80.7	82.4	82.8	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0	83.0
82.1	83.9	84.3	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
84.2	86.3	86.8	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2	87.2
86.7	88.8	89.2	89.6	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7	89.7
89.1	91.2	91.9	92.3	92.4	92.4	92.4	92.6	92.6	92.6	92.6	92.6	92.6
89.2	91.3	92.1	92.6	92.7	92.7	92.7	92.8	92.8	92.8	92.8	92.8	92.8
91.8	93.9	94.7	95.2	95.3	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4
92.6	95.1	95.9	96.6	96.7	96.7	96.7	96.8	96.8	96.8	96.8	96.8	96.8
93.6	96.0	97.0	97.7	97.8	97.8	97.8	97.9	97.9	97.9	97.9	97.9	97.9
93.8	96.3	97.3	98.1	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6
93.9	96.4	97.7	98.7	98.8	98.8	99.0	99.1	99.1	99.1	99.1	99.1	99.1
94.0	96.7	97.9	98.9	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3
94.0	96.9	98.1	99.1	99.2	99.2	99.4	99.6	99.6	99.6	99.6	99.6	99.6
94.0	97.0	98.2	99.3	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8
94.0	97.0	98.2	99.4	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9
94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0
94.0	97.0	98.2	99.4	99.6	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0

900

OPERATING LOCATION MAP
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUN HOURS: 12-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	43.0	46.0	47.6	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	4
GE 20000	48.3	52.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5
GE 18000	48.3	52.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5
GE 16000	48.3	52.0	54.6	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	5
GE 14000	49.0	52.7	55.2	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	5
GE 12000	49.3	54.0	56.7	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	5
GE 10000	53.0	57.3	60.0	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	6
GE 9000	54.0	58.3	61.0	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	6
GE 8000	58.3	63.3	66.3	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	6
GE 7000	58.7	63.3	66.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	6
GE 6000	59.4	64.6	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	6
GE 5000	61.7	67.4	70.9	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	7
GE 4500	63.4	69.6	73.0	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	7
GE 4000	66.6	73.2	77.1	78.4	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	7
GE 3500	70.9	77.3	81.6	83.0	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	8
GE 3000	74.2	82.1	86.7	88.3	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	8
GE 2500	76.2	84.7	89.3	92.0	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	9
GE 2000	77.4	86.0	91.8	94.3	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	9
GE 1800	77.4	86.1	91.9	94.4	95.3	95.7	96.0	96.0	96.1	96.1	96.1	96.1	9
GE 1500	78.0	86.7	92.7	95.2	96.2	96.6	97.1	97.1	97.3	97.3	97.3	97.3	9
GE 1200	78.2	87.3	93.7	96.3	97.6	98.1	98.8	98.8	99.0	99.0	99.0	99.0	9
GE 1000	78.2	87.6	94.0	96.7	97.9	98.4	99.1	99.1	99.3	99.3	99.3	99.3	9
GE 900	78.3	87.7	94.2	97.0	98.2	98.8	99.4	99.4	99.7	99.7	99.7	99.7	9
GE 800	78.3	87.7	94.2	97.1	98.3	98.9	99.6	99.6	99.8	99.8	99.8	99.8	9
GE 700	78.3	87.7	94.2	97.1	98.3	98.9	99.6	99.6	99.8	99.8	99.8	99.8	9
GE 600	78.3	87.7	94.2	97.1	98.3	98.9	99.6	99.6	99.8	99.8	99.8	99.8	9
GE 500	78.3	87.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10
GE 400	78.3	87.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10
GE 300	78.3	87.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10
GE 200	78.3	87.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10
GE 100	78.3	87.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10
GE 000	78.3	87.7	94.2	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	10

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUN HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7	47.7
	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	54.7	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	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	54.7
	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1	57.1
	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6	60.6
	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6	61.6
	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9	66.9
	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3	67.3
	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	73.8	73.8	73.8	73.8	73.8	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	78.4	78.7	78.9	78.9	78.9	79.0	79.0	79.0	79.0	79.0	79.0	79.0	79.0
	83.0	83.7	83.9	83.9	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
	89.3	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.6	89.6	89.6	89.6
	92.9	92.7	93.0	93.0	93.0	93.1	93.1	93.1	93.1	93.2	93.2	93.2	93.2
	94.3	95.1	95.4	95.6	95.6	95.7	95.7	95.7	95.7	95.8	95.8	95.8	95.8
	94.4	95.3	95.7	96.0	96.0	96.1	96.1	96.1	96.1	96.2	96.2	96.2	96.2
	95.2	96.2	96.6	97.1	97.1	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4
	95.3	97.6	98.1	98.8	98.8	99.0	99.0	99.0	99.0	99.1	99.1	99.1	99.1
	96.7	97.9	98.4	99.1	99.1	99.3	99.3	99.3	99.3	99.4	99.4	99.4	99.4
	97.0	98.2	98.8	99.4	99.4	99.7	99.7	99.7	99.7	99.8	99.8	99.8	99.8
	97.1	98.3	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	97.1	98.3	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	97.1	98.3	98.9	99.6	99.6	99.8	99.8	99.8	99.8	99.9	99.9	99.9	99.9
	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0
	97.1	98.4	99.0	99.7	99.7	99.9	99.9	99.9	99.9	100.0	100.0	100.0	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: JUN HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	43.9	46.1	47.9	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
GE 20000	53.0	55.7	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 18000	53.0	55.7	57.9	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
GE 16000	53.1	55.8	58.0	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
GE 14000	53.4	56.1	58.3	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
GE 12000	54.8	57.7	60.0	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
GE 10000	57.1	60.2	63.0	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7
GE 9000	57.6	60.8	63.6	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2
GE 8000	61.2	65.2	68.2	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
GE 7000	61.7	65.7	68.7	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4
GE 6000	62.6	66.6	69.6	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3
GE 5000	64.2	68.7	71.7	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7
GE 4500	65.3	70.0	74.6	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4
GE 4000	70.3	76.7	80.7	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0
GE 3500	74.4	81.1	85.7	86.8	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4
GE 3000	77.6	84.2	89.7	91.1	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2
GE 2500	79.3	86.7	92.0	93.8	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3
GE 2000	80.0	87.4	92.0	94.3	96.1	96.2	96.5	96.8	96.8	96.8	96.8	96.8
GE 1800	80.0	87.4	92.0	94.3	96.1	96.2	96.6	96.8	96.8	96.8	96.9	96.9
GE 1600	80.6	88.4	94.0	96.1	97.4	97.6	98.0	98.3	98.3	98.3	98.6	98.6
GE 1200	80.8	88.7	94.7	96.8	98.1	98.3	98.8	99.1	99.1	99.1	99.3	99.3
GE 1000	81.0	89.1	94.9	97.1	98.6	98.8	99.2	99.5	99.6	99.6	99.8	99.8
GE 900	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.7	99.7	99.7	99.9	99.9
GE 800	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.7	99.7	99.7	99.9	99.9
GE 700	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 600	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 500	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 400	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 300	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 200	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 100	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0
GE 000	81.0	89.1	95.0	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LST TO UTC: + 5 MONTH: JUN HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	48.2	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
	58.2	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3	58.3
	58.3	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4	58.4
	58.7	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8	58.8
	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4	60.4
	63.4	63.6	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7	63.7
	64.0	64.1	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2	64.2
	68.7	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	69.1	69.3	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4	69.4
	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
	72.3	72.6	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7	72.7
	75.1	75.3	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4	75.4
	81.4	81.9	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0	82.0
	86.-	87.2	87.3	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
	91.1	92.0	92.1	92.1	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2	92.2
	93.-	95.0	95.1	95.2	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3	95.3
	94.3	96.1	96.2	96.5	96.8	96.8	96.8	96.9	96.9	96.9	96.9	96.9	96.9
	94.9	96.1	96.2	96.6	96.8	96.9	96.8	96.9	96.9	96.9	96.9	96.9	96.9
	96.1	97.4	97.6	98.0	98.3	98.3	98.3	98.6	98.6	98.6	98.6	98.6	98.6
	96.9	98.1	98.3	98.8	99.1	99.1	99.1	99.3	99.3	99.3	99.3	99.3	99.3
	97.1	98.6	98.8	99.2	99.6	99.6	99.6	99.8	99.8	99.8	99.8	99.8	99.8
	97.2	98.7	98.9	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
	97.2	98.7	98.9	99.3	99.7	99.7	99.7	99.9	99.9	99.9	99.9	99.9	99.9
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	97.2	98.7	98.9	99.3	99.8	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JUN HOURS: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	48.4	50.4	52.7	53.8	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
GE 20000	53.6	51.1	53.8	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 18000	53.7	51.1	53.8	65.2	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
GE 16000	58.6	61.3	64.0	65.4	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
GE 14000	59.1	62.0	64.7	66.1	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
GE 12000	60.3	63.3	66.1	67.6	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
GE 10000	68.7	67.8	71.0	72.4	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
GE 9000	69.8	68.9	71.7	73.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
GE 8000	69.4	72.9	75.7	78.1	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4
GE 7000	69.9	73.4	77.2	78.7	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0
GE 6000	69.4	74.0	77.9	79.4	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8
GE 5000	70.4	75.7	80.7	82.4	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
GE 4500	71.4	77.0	82.1	83.9	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	72.3	80.9	86.3	87.3	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6
GE 3500	75.6	82.4	87.6	89.3	91.3	91.9	92.1	92.1	92.1	92.1	92.1	92.1
GE 3000	76.9	84.4	89.3	91.4	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8
GE 2500	78.3	86.6	91.6	94.1	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3
GE 2000	79.7	87.6	92.8	96.4	98.2	98.3	98.7	98.7	98.7	98.7	98.8	98.8
GE 1800	79.7	87.6	92.8	96.4	98.2	98.3	98.7	98.7	98.7	98.7	98.8	98.8
GE 1600	80.1	88.1	93.3	96.1	98.9	99.0	99.3	99.3	99.3	99.3	99.4	99.4
GE 1200	80.2	88.2	93.6	96.3	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 1000	80.2	88.2	93.6	96.3	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 900	80.2	88.2	93.6	96.3	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7
GE 800	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8
GE 700	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8
GE 600	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8
GE 500	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9 1
GE 400	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9 1
GE 300	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9 1
GE 200	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9 1
GE 100	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9 1
GE 000	80.2	88.2	93.6	96.3	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9 1

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH
TO UTC: + 5

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

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9	53.9
	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8	65.8
	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4	66.4
	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2	73.2
	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
	79.3	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.4
	79.9	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0	80.0
	80.7	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8	80.8
	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2	84.2
	85.7	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
	89.2	89.3	89.6	89.6	89.6	89.6	89.6	89.6	89.7	89.7	89.7	89.7	89.7
	91.9	91.9	92.1	92.1	92.1	92.1	92.1	92.1	92.2	92.2	92.2	92.2	92.2
	94.3	94.4	94.8	94.8	94.8	94.8	94.8	94.8	94.9	94.9	94.9	94.9	94.9
	96.9	97.0	97.3	97.3	97.3	97.3	97.3	97.3	97.4	97.4	97.4	97.4	97.4
	98.2	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
	98.2	98.3	98.7	98.7	98.7	98.7	98.8	98.8	98.9	98.9	98.9	98.9	98.9
	99.0	99.0	99.3	99.3	99.3	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6
	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
	99.1	99.2	99.6	99.6	99.6	99.6	99.7	99.7	99.8	99.8	99.8	99.8	99.8
	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
	99.2	99.3	99.7	99.7	99.7	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
	99.2	99.3	99.7	99.8	99.8	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUN HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	53.7	56.2	58.6	60.3	61.6	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.
GE 20000	59.0	62.2	65.3	67.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.
GE 18000	59.0	62.2	65.3	67.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.
GE 16000	59.0	62.2	65.3	67.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.
GE 14000	59.0	62.2	65.3	67.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.
GE 12000	60.0	63.2	66.3	68.2	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.
GE 10000	63.4	67.0	70.2	72.1	73.9	73.9	74.1	74.1	74.2	74.3	74.3	74.3	74.
GE 9000	64.4	68.2	71.5	73.5	75.3	75.3	75.5	75.5	75.7	75.8	75.8	75.8	75.
GE 8000	67.7	71.8	75.7	78.1	80.6	80.7	80.9	80.9	81.0	81.1	81.1	81.1	81.
GE 7000	68.2	72.4	76.3	78.9	81.3	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.
GE 6000	69.6	73.9	78.4	81.0	83.7	83.9	84.0	84.0	84.1	84.2	84.2	84.2	84.
GE 5000	73.3	74.8	77.3	82.3	85.2	85.3	85.7	85.7	85.9	86.0	86.0	86.0	86.
GE 4500	71.4	75.9	81.1	84.3	87.2	87.3	88.0	88.0	88.2	88.3	88.3	88.3	88.
GE 4000	72.9	77.6	83.4	86.6	90.0	90.1	90.9	90.9	91.1	91.2	91.2	91.2	91.
GE 3500	73.6	78.4	84.9	88.0	91.9	92.1	92.9	92.9	93.1	93.2	93.2	93.2	93.
GE 3000	74.3	79.4	86.3	90.0	94.3	94.6	95.7	95.7	95.9	96.0	96.0	96.0	96.
GE 2500	75.2	80.4	87.4	91.1	95.7	95.9	97.1	97.1	97.3	97.4	97.4	97.4	97.
GE 2000	75.7	81.1	88.3	92.2	96.8	97.0	98.2	98.2	98.4	98.5	98.5	98.5	98.
GE 1800	75.7	81.1	88.3	92.2	96.8	97.0	98.2	98.2	98.4	98.5	98.5	98.5	98.
GE 1600	76.1	81.6	88.9	92.9	97.4	97.7	98.9	98.9	99.1	99.2	99.2	99.2	99.
GE 1200	76.1	81.6	88.9	92.9	97.4	97.8	99.0	99.0	99.2	99.3	99.3	99.3	99.
GE 1000	76.1	81.6	88.9	93.0	97.6	97.9	99.1	99.1	99.3	99.4	99.4	99.4	99.
GE 900	76.2	81.7	89.2	93.3	97.9	98.2	99.4	99.4	99.7	99.8	99.8	99.8	99.
GE 800	76.2	81.7	89.2	93.3	97.9	98.2	99.4	99.4	99.7	99.8	99.8	99.8	99.
GE 700	76.2	81.7	89.2	93.3	97.9	98.2	99.4	99.4	99.7	99.8	99.8	99.8	99.
GE 600	76.2	81.7	89.2	93.3	97.9	98.2	99.6	99.6	99.8	99.9	99.9	99.9	99.
GE 500	76.2	81.7	89.2	93.3	97.9	98.2	99.6	99.6	99.8	99.9	99.9	99.9	99.
GE 400	76.2	81.7	89.2	93.3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.
GE 300	76.2	81.7	89.2	93.3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.
GE 200	76.2	81.7	89.2	93.3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.
GE 100	76.2	81.7	89.2	93.3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.
GE 000	76.2	81.7	89.2	93.3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible] NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
[illegible] UTC: + 5 MONTH: JUN HOURS: 21-23

CEILING	VISIBILITY IN STATUTE MILES											
IN FEET	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible].3	61.6	61.6	61.7	61.7	61.8	61.9	61.9	61.9	61.9	61.9	61.9	61.9
7.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
7.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
7.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
7.2	68.7	68.7	68.8	68.8	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
[illegible].2	69.7	69.7	69.8	69.8	69.9	70.0	70.0	70.0	70.0	70.0	70.0	70.0
73.1	73.9	73.9	74.1	74.1	74.2	74.3	74.3	74.3	74.3	74.3	74.3	74.3
75.6	75.3	75.3	75.6	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8	75.8
80.1	80.6	80.7	80.9	80.9	81.0	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible].9	81.3	81.4	81.7	81.7	81.8	81.9	81.9	81.9	81.9	81.9	81.9	81.9
[illegible].0	83.7	83.8	84.0	84.0	84.1	84.2	84.2	84.2	84.2	84.2	84.2	84.2
[illegible].3	85.2	85.3	85.7	85.7	85.9	86.0	86.0	86.0	86.0	86.0	86.0	86.0
[illegible].3	87.2	87.3	88.0	88.0	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
[illegible].3	90.0	90.1	90.9	90.9	91.1	91.2	91.2	91.2	91.2	91.2	91.2	91.2
[illegible].3	91.9	92.1	92.9	92.9	93.1	93.2	93.2	93.2	93.2	93.2	93.2	93.2
[illegible].3	94.3	94.6	95.7	95.7	95.9	96.0	96.0	96.0	96.0	96.0	96.0	96.0
[illegible].1	95.7	95.9	97.1	97.1	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4
[illegible].3	96.3	97.0	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible].2	96.3	97.0	98.2	98.2	98.4	98.6	98.6	98.6	98.6	98.6	98.6	98.6
[illegible].4	97.4	97.7	98.9	98.9	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible].3	97.4	97.8	99.0	99.0	99.2	99.3	99.3	99.3	99.3	99.3	99.3	99.3
[illegible].3	97.5	97.9	99.1	99.1	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
[illegible].3	97.7	98.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible].3	97.9	98.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible].3	97.9	98.2	99.4	99.4	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible].3	97.9	98.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible].3	97.9	98.2	99.6	99.6	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
[illegible].3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible].3	97.9	98.2	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

[illegible]00

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: JUN HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	44.6	48.1	51.5	53.2	54.8	55.2	55.7	56.0	56.1	56.2	56.2	56.2	56.2
GE 20000	49.7	53.3	57.9	60.0	61.9	62.3	62.9	63.3	63.3	63.5	63.5	63.5	63.5
GE 18000	49.8	53.4	57.9	60.0	61.9	62.3	62.9	63.3	63.3	63.5	63.5	63.5	63.5
GE 16000	49.9	53.9	58.0	60.1	61.9	62.3	63.0	63.3	63.4	63.5	63.5	63.6	63.6
GE 14000	50.3	54.2	58.4	60.5	62.3	62.8	63.4	63.7	63.8	63.9	64.0	64.0	64.0
GE 12000	51.2	55.4	59.6	61.8	63.7	64.1	64.8	65.1	65.2	65.3	65.3	65.4	65.4
GE 10000	53.2	57.4	62.9	65.2	67.3	67.8	68.5	68.9	69.0	69.1	69.1	69.1	69.2
GE 9000	54.6	59.3	63.3	66.2	68.4	68.8	69.5	69.9	70.0	70.1	70.2	70.2	70.2
GE 8000	57.4	63.7	68.8	71.3	73.8	74.3	75.1	75.5	75.6	75.7	75.8	75.8	75.8
GE 7000	58.3	64.4	69.4	72.0	74.6	75.1	76.0	76.3	76.4	76.6	76.6	76.6	76.6
GE 6000	59.6	65.1	70.4	73.0	75.6	76.2	77.0	77.4	77.5	77.6	77.6	77.6	77.7
GE 5000	61.0	66.8	72.3	75.1	77.8	78.4	79.3	79.7	79.8	79.9	80.0	80.0	80.0
GE 4500	62.1	68.2	73.8	76.7	79.6	80.1	81.1	81.5	81.6	81.8	81.8	81.8	81.8
GE 4000	64.2	70.8	76.8	80.1	83.3	83.9	85.0	85.4	85.6	85.7	85.8	85.8	85.8
GE 3500	65.7	72.5	78.9	82.4	85.8	86.5	87.6	88.1	88.3	88.4	88.5	88.5	88.5
GE 3000	67.5	74.7	81.4	85.0	88.9	89.6	90.8	91.3	91.5	91.7	91.7	91.7	91.8
GE 2500	69.8	76.8	83.2	87.0	91.0	91.7	93.0	93.5	93.7	93.9	93.9	93.9	94.0
GE 2000	69.8	77.2	84.4	88.3	92.4	93.2	94.5	95.1	95.3	95.5	95.6	95.6	95.6
GE 1800	69.8	77.3	84.4	88.4	92.5	93.3	94.7	95.3	95.4	95.6	95.7	95.7	95.9
GE 1500	70.3	77.9	85.2	89.4	93.6	94.4	95.9	96.5	96.8	96.9	97.0	97.1	97.1
GE 1200	70.5	78.2	85.7	90.0	94.3	95.1	96.7	97.4	97.6	97.8	97.9	97.9	98.0
GE 1000	70.7	78.4	86.0	90.3	94.7	95.6	97.2	97.8	98.1	98.3	98.4	98.4	98.5
GE 900	70.8	78.5	86.1	90.5	94.9	95.8	97.5	98.1	98.4	98.6	98.7	98.7	98.8
GE 800	70.8	78.5	86.1	90.5	94.9	95.9	97.6	98.2	98.5	98.7	98.8	98.8	98.9
GE 700	70.9	78.5	86.1	90.5	95.0	96.0	97.7	98.4	98.6	98.8	99.0	99.0	99.1
GE 600	70.9	78.5	86.1	90.5	95.0	96.0	97.8	98.4	98.7	98.9	99.1	99.1	99.2
GE 500	70.9	78.5	86.1	90.5	95.1	96.1	97.9	98.6	98.9	99.2	99.3	99.3	99.4
GE 400	70.9	78.5	86.1	90.5	95.1	96.1	97.9	98.6	98.9	99.2	99.3	99.3	99.4
GE 300	70.8	78.6	86.1	90.5	95.1	96.1	98.0	98.7	98.9	99.3	99.4	99.5	99.6
GE 200	70.8	78.5	86.1	90.6	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8
GE 100	70.8	78.5	86.1	90.6	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8
GE 000	70.8	78.5	86.1	90.6	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH
ST TO UTC: + 5

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

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	53.2	54.8	55.2	55.7	56.0	56.1	56.2	56.2	56.2	56.2	56.2	56.2	56.2
	60.0	61.9	62.3	62.9	63.3	63.3	63.5	63.5	63.5	63.5	63.6	63.6	63.6
	60.0	61.9	62.3	62.9	63.3	63.3	63.5	63.5	63.5	63.5	63.6	63.6	63.6
	60.1	61.9	62.3	63.0	63.3	63.4	63.5	63.5	63.6	63.6	63.6	63.6	63.6
	60.5	62.3	62.8	63.4	63.7	63.8	63.9	64.0	64.0	64.0	64.0	64.0	64.0
	61.8	63.7	64.1	64.8	65.1	65.2	65.3	65.3	65.4	65.4	65.4	65.4	65.4
	66.2	67.3	67.8	68.5	68.9	69.0	69.1	69.1	69.1	69.2	69.2	69.2	69.2
	66.2	68.4	68.8	69.5	69.9	70.0	70.1	70.2	70.2	70.2	70.2	70.2	70.2
	71.3	73.8	74.3	75.1	75.5	75.6	75.7	75.8	75.8	75.8	75.8	75.8	75.8
	72.0	74.6	75.1	76.0	76.3	76.4	76.6	76.6	76.6	76.6	76.7	76.7	76.7
	73.0	75.6	76.2	77.0	77.4	77.5	77.6	77.6	77.6	77.7	77.7	77.7	77.7
	76.1	77.8	78.4	79.3	79.7	79.8	79.9	80.0	80.0	80.0	80.0	80.0	80.0
	78.7	79.6	80.1	81.1	81.5	81.6	81.7	81.8	81.8	81.8	81.9	81.9	81.9
	80.1	83.3	83.9	85.0	85.4	85.6	85.7	85.7	85.8	85.8	85.8	85.8	85.8
	82.4	85.8	86.5	87.6	88.1	88.3	88.4	88.5	88.5	88.5	88.5	88.5	88.5
	86.0	88.9	89.6	90.8	91.3	91.5	91.7	91.7	91.7	91.8	91.8	91.8	91.8
	87.8	91.0	91.7	93.0	93.5	93.7	93.9	93.9	93.9	94.0	94.0	94.0	94.0
	88.3	92.4	93.2	94.5	95.1	95.3	95.5	95.6	95.6	95.6	95.7	95.7	95.7
	88.4	92.5	93.3	94.7	95.3	95.4	95.6	95.7	95.7	95.8	95.8	95.8	95.8
	89.4	93.6	94.4	95.9	96.5	96.8	96.9	97.0	97.1	97.1	97.1	97.1	97.1
	90.0	94.3	95.1	96.7	97.4	97.6	97.8	97.9	97.9	98.0	98.0	98.0	98.0
	90.3	94.7	95.6	97.2	97.8	98.1	98.3	98.4	98.4	98.5	98.5	98.5	98.5
	90.5	94.9	95.8	97.5	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8
	90.5	94.9	95.9	97.6	98.2	98.5	98.7	98.8	98.8	98.9	98.9	98.9	98.9
	90.5	95.0	96.0	97.7	98.4	98.6	98.8	99.0	99.0	99.1	99.1	99.1	99.1
	90.5	95.0	96.0	97.8	98.4	98.7	98.9	99.1	99.1	99.2	99.2	99.2	99.2
	90.5	95.1	96.1	97.9	98.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.4
	90.5	95.1	96.1	97.9	98.6	98.9	99.2	99.3	99.3	99.4	99.4	99.4	99.5
	90.5	95.1	96.1	98.0	98.7	98.9	99.3	99.4	99.5	99.6	99.6	99.6	99.7
	90.5	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	99.9
	90.5	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	100.0
	90.5	95.1	96.2	98.0	98.7	99.0	99.4	99.6	99.7	99.8	99.8	99.8	100.0

7200

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JUL HOURS: (

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	37.7	43.9	52.8	57.0	60.4	61.7	63.2	63.2	63.2	63.3	63.3	63.3
GE 20000	40.5	46.7	56.7	61.5	65.6	67.1	68.8	69.2	69.2	69.4	69.4	69.4
GE 18000	40.5	46.7	56.7	61.5	65.6	67.1	68.8	69.2	69.2	69.4	69.4	69.4
GE 16000	40.5	46.7	56.7	61.5	65.6	67.1	68.8	69.2	69.2	69.4	69.4	69.4
GE 14000	40.6	46.8	56.8	61.6	65.7	67.2	68.9	69.4	69.4	69.5	69.5	69.5
GE 12000	41.4	47.6	58.1	63.2	67.6	69.1	71.2	71.6	71.6	71.7	71.7	71.7
GE 10000	43.3	50.1	60.3	66.1	70.6	72.2	74.3	74.7	74.7	74.8	74.8	74.8
GE 9000	44.2	50.8	61.6	67.1	71.6	73.1	75.3	75.7	75.7	75.9	75.9	75.9
GE 8000	47.7	54.6	65.9	72.2	77.5	79.1	81.3	82.3	82.3	82.4	82.4	82.4
GE 7000	48.4	55.4	66.9	73.1	78.5	80.1	82.3	83.2	83.2	83.3	83.3	83.3
GE 6000	48.5	55.5	67.0	73.4	78.8	80.4	83.1	83.5	83.5	83.7	83.7	83.7
GE 5000	49.5	56.5	68.4	74.9	80.3	81.9	84.6	85.1	85.1	85.2	85.2	85.2
GE 4500	50.4	57.4	69.7	76.2	81.7	83.4	86.1	86.6	86.6	86.7	86.7	86.7
GE 4000	52.0	59.4	71.9	78.7	85.2	87.0	90.0	90.4	90.4	90.5	90.5	90.5
GE 3500	52.4	59.8	72.7	79.5	86.0	87.8	90.9	91.3	91.3	91.4	91.4	91.4
GE 3000	53.5	61.2	74.7	81.6	88.4	90.5	93.5	94.0	94.0	94.1	94.1	94.1
GE 2500	53.9	61.7	75.4	82.5	89.5	91.6	94.6	95.1	95.1	95.2	95.2	95.2
GE 2000	54.2	62.0	75.7	82.9	90.1	92.3	95.3	95.7	95.7	95.8	95.8	95.8
GE 1800	54.3	62.2	75.8	83.0	90.2	92.4	95.4	95.8	95.8	96.0	96.0	96.0
GE 1600	54.7	62.6	76.5	83.7	90.9	93.0	96.5	96.9	96.9	97.1	97.1	97.1
GE 1200	54.9	62.8	76.9	84.2	91.5	93.7	97.1	97.5	97.5	97.7	97.7	97.7
GE 1000	54.9	62.8	77.0	84.3	91.6	94.1	97.5	98.0	98.0	98.2	98.2	98.2
GE 900	55.2	63.1	77.3	84.6	92.2	94.6	98.1	98.5	98.5	98.7	98.7	98.7
GE 800	55.2	63.1	77.3	84.6	92.4	95.1	98.5	98.9	98.9	99.1	99.1	99.1
GE 700	55.2	63.1	77.3	84.6	92.4	95.1	98.7	99.1	99.1	99.4	99.4	99.4
GE 600	55.2	63.1	77.3	84.6	92.4	95.4	99.0	99.5	99.5	99.7	99.7	99.7
GE 500	55.2	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0
GE 400	55.2	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0
GE 300	55.2	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0
GE 200	55.2	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0
GE 100	55.2	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0
GE 000	55.2	63.2	77.4	84.7	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: JUL HOURS: 00-02

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	60.4	61.7	63.2	63.2	63.2	63.3	63.3	63.3	63.3	63.3	63.3	63.3
	65.6	67.1	68.8	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
	65.6	67.1	68.8	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
	65.6	67.1	68.8	69.2	69.2	69.4	69.4	69.4	69.4	69.4	69.4	69.4
	65.7	67.2	68.9	69.4	69.4	69.5	69.5	69.5	69.5	69.5	69.5	69.5
	67.6	69.1	71.2	71.6	71.6	71.7	71.7	71.7	71.7	71.7	71.7	71.7
	70.6	72.2	74.3	74.7	74.7	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	71.6	73.1	75.3	75.7	75.7	75.9	75.8	75.8	75.8	75.8	75.8	75.8
	77.5	79.1	81.8	82.3	82.3	82.4	82.4	82.4	82.4	82.4	82.4	82.4
	78.5	80.1	82.8	83.2	83.2	83.3	83.3	83.3	83.3	83.3	83.3	83.3
	78.8	80.4	83.1	83.5	83.5	83.7	83.7	83.7	83.7	83.7	83.7	83.7
	80.3	81.9	84.6	85.1	85.1	85.2	85.2	85.2	85.2	85.2	85.2	85.2
	81.7	83.4	86.1	86.6	86.6	86.7	86.7	86.7	86.7	86.7	86.7	86.7
	85.2	87.0	90.0	90.4	90.4	90.5	90.5	90.5	90.5	90.5	90.5	90.5
	86.0	87.8	90.9	91.3	91.3	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	86.4	88.5	93.5	94.0	94.0	94.1	94.1	94.1	94.1	94.1	94.1	94.1
	89.5	91.6	94.6	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
	90.1	92.3	95.3	95.7	95.7	95.8	95.8	95.8	95.8	95.8	95.8	95.8
	90.2	92.4	95.4	95.8	95.8	96.0	96.0	96.0	96.0	96.0	96.0	96.0
	90.9	93.0	96.5	96.9	96.9	97.1	97.1	97.1	97.1	97.1	97.1	97.1
	91.5	93.7	97.1	97.5	97.5	97.7	97.7	97.7	97.7	97.7	97.7	97.7
	91.6	94.1	97.5	98.0	98.0	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	92.2	94.6	98.1	98.5	98.5	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	92.4	95.1	98.5	98.9	98.9	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	92.4	95.1	98.7	99.1	99.1	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	92.4	95.4	99.0	99.5	99.5	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	92.6	95.6	99.4	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL HOURS: 03

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	31.5	35.1	41.0	48.2	54.5	56.1	59.7	61.2	61.6	62.3	62.6	62.6
GE 20000	33.6	37.6	44.1	51.9	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0
GE 18000	33.8	37.6	44.1	51.9	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0
GE 16000	33.8	37.6	44.1	51.9	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0
GE 14000	33.8	37.6	44.1	51.9	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0
GE 12000	34.3	38.7	45.2	53.0	60.2	61.9	66.2	68.2	68.6	69.6	69.9	69.9
GE 10000	35.6	39.3	46.5	54.6	62.3	64.1	68.5	70.5	71.0	71.9	72.3	72.3
GE 9000	36.0	40.5	47.2	55.7	63.9	65.7	70.3	72.3	72.7	73.7	74.0	74.0
GE 8000	38.5	43.4	50.8	59.8	69.0	71.1	75.8	78.1	78.5	79.5	79.8	79.8
GE 7000	39.1	44.0	51.3	60.3	69.6	71.6	76.3	78.6	79.0	80.0	80.3	80.3
GE 6000	39.1	44.1	51.5	60.5	69.8	71.8	76.6	78.8	79.2	80.2	80.5	80.5
GE 5000	40.3	45.7	53.7	62.9	72.5	74.5	79.4	81.6	82.0	83.0	83.3	83.3
GE 4500	41.6	46.6	54.5	63.8	73.4	75.6	80.5	82.8	83.2	84.2	84.5	84.5
GE 4000	43.2	48.6	57.2	66.8	76.9	79.0	84.4	87.0	87.4	88.4	88.7	88.7
GE 3500	43.3	48.8	57.5	67.1	77.3	79.5	85.2	88.0	88.4	89.4	89.7	89.7
GE 3000	44.0	49.5	58.5	68.4	79.1	81.4	87.2	90.1	90.5	91.5	91.8	91.8
GE 2500	44.2	49.9	58.9	69.0	80.0	82.3	88.1	91.0	91.4	92.4	92.7	92.7
GE 2000	44.5	50.2	59.4	69.6	80.8	83.0	88.8	91.8	92.3	93.2	93.5	93.5
GE 1800	44.7	50.4	59.6	69.8	81.0	83.2	89.0	92.0	92.5	93.5	93.9	93.9
GE 1500	45.1	50.8	59.9	70.2	81.6	84.0	89.8	92.8	93.2	94.3	94.6	94.6
GE 1200	45.3	51.0	60.3	70.9	82.7	85.2	91.0	94.0	94.4	95.5	95.8	95.8
GE 1000	45.5	51.2	60.5	71.4	83.3	85.8	91.6	94.6	95.1	96.1	96.5	96.5
GE 900	45.5	51.2	60.5	71.4	83.3	85.9	91.7	94.7	95.2	96.2	96.6	96.6
GE 800	45.8	51.5	61.2	72.2	84.2	86.9	92.8	95.8	96.3	97.4	97.7	97.7
GE 700	45.8	51.5	61.2	72.2	84.2	86.9	92.8	95.8	96.3	97.4	97.7	97.7
GE 600	45.8	51.5	61.3	72.3	84.5	87.2	93.1	96.1	96.7	97.7	98.1	98.1
GE 500	45.8	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.2	98.3	98.7	98.7
GE 400	45.8	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.3	98.4	98.8	98.8
GE 300	45.8	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.3	98.4	98.8	98.8
GE 200	45.8	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.3	98.5	98.9	98.9
GE 100	45.8	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.3	98.6	99.0	99.0
GE 000	45.8	51.5	61.3	72.3	84.9	87.6	93.7	96.7	97.3	98.6	99.0	99.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: JUL HOURS: 03-05

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	54.5	56.1	59.7	61.2	61.6	62.3	62.6	62.6	62.9	63.0	63.0	63.1
	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0	68.3	68.4	68.4	68.5
	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0	68.3	68.4	68.4	68.5
	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0	68.3	68.4	68.4	68.5
	58.7	60.3	64.3	66.2	66.7	67.6	68.0	68.0	68.3	68.4	68.4	68.5
	60.2	61.9	66.2	68.2	68.6	69.6	69.9	69.9	70.2	70.3	70.3	70.4
	62.3	64.1	68.5	70.5	71.0	71.9	72.3	72.3	72.6	72.7	72.7	72.8
	63.9	65.7	70.3	72.3	72.7	73.7	74.0	74.0	74.3	74.4	74.4	74.5
	69.0	71.1	75.8	78.1	78.5	79.5	79.8	79.8	80.1	80.2	80.2	80.3
	69.6	71.6	76.3	78.6	79.0	80.0	80.3	80.3	80.6	80.8	80.8	80.9
	69.8	71.8	76.6	78.8	79.2	80.2	80.5	80.5	80.9	81.0	81.0	81.1
	72.5	74.5	79.4	81.6	82.0	83.0	83.3	83.3	83.7	83.8	83.8	83.9
	73.4	75.6	80.5	82.8	83.2	84.2	84.5	84.5	84.8	84.9	84.9	85.1
	76.9	79.0	84.4	87.0	87.4	88.4	88.7	88.7	89.0	89.1	89.1	89.2
	77.3	79.5	85.2	88.0	88.4	89.4	89.7	89.7	90.0	90.1	90.1	90.2
	78.1	81.4	87.2	90.1	90.5	91.5	91.8	91.8	92.2	92.3	92.3	92.4
	80.0	82.3	88.1	91.0	91.4	92.4	92.7	92.7	93.0	93.1	93.1	93.2
	80.8	83.0	88.8	91.8	92.3	93.2	93.5	93.5	93.9	94.0	94.0	94.1
	81.0	83.2	89.0	92.0	92.5	93.5	93.9	93.9	94.2	94.3	94.3	94.4
	81.6	84.0	89.8	92.8	93.2	94.3	94.6	94.6	94.9	95.1	95.1	95.2
	82.7	85.2	91.0	94.0	94.4	95.5	95.8	95.8	96.1	96.2	96.2	96.3
	83.3	85.8	91.6	94.6	95.1	96.1	96.5	96.5	96.8	96.9	96.9	97.0
	83.3	85.9	91.7	94.7	95.2	96.2	96.6	96.6	96.9	97.0	97.0	97.1
	84.2	86.9	92.8	95.8	96.3	97.4	97.7	97.7	98.1	98.2	98.2	98.3
	84.2	86.9	92.8	95.8	96.3	97.4	97.7	97.7	98.1	98.2	98.2	98.3
	84.5	87.2	93.1	96.1	96.7	97.7	98.1	98.1	98.4	98.5	98.5	98.6
	84.9	87.6	93.7	96.7	97.2	98.3	98.7	98.7	99.0	99.1	99.1	99.2
	84.9	87.6	93.7	96.7	97.3	98.4	98.8	98.8	99.1	99.2	99.2	99.4
	84.9	87.6	93.7	96.7	97.3	98.4	98.8	98.8	99.2	99.4	99.4	99.6
	84.9	87.6	93.7	96.7	97.3	98.5	98.9	98.9	99.4	99.5	99.5	99.7
	84.9	87.6	93.7	96.7	97.3	98.6	99.0	99.0	99.5	99.6	99.6	99.9
	84.9	87.6	93.7	96.7	97.3	98.6	99.0	99.0	99.5	99.6	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL HOURS: 06

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	23.9	27.4	31.9	37.5	42.0	45.4	49.1	51.7	53.3	54.3	55.3	55.3
GE 20000	27.0	30.9	35.7	42.0	46.8	50.5	54.7	57.6	59.6	61.4	61.9	61.9
GE 18000	27.0	30.9	35.7	42.0	46.8	50.5	54.7	57.6	59.6	61.4	61.9	61.9
GE 16000	27.0	30.9	35.7	42.0	46.8	50.5	54.7	57.6	59.6	61.4	61.9	61.9
GE 14000	27.1	31.0	35.8	42.2	46.9	50.6	54.8	57.7	59.7	61.5	62.0	62.0
GE 12000	28.0	31.8	36.8	43.2	48.5	52.4	56.7	59.7	61.7	63.5	64.1	64.1
GE 10000	28.1	32.5	38.1	44.8	50.5	54.4	58.7	61.7	63.8	65.7	66.3	66.3
GE 9000	28.1	32.7	38.3	45.2	51.1	54.9	59.4	62.4	64.4	66.5	67.1	67.1
GE 8000	30.1	34.8	41.8	49.0	55.6	59.8	65.5	69.1	71.2	73.2	73.9	73.9
GE 7000	30.4	35.3	42.3	49.5	56.1	60.3	66.1	69.8	71.8	73.9	74.5	74.5
GE 6000	30.5	35.4	42.4	49.6	56.2	60.4	66.2	69.9	71.9	74.0	74.6	74.6
GE 5000	31.9	37.1	44.6	51.7	58.7	63.0	68.9	72.8	74.8	77.0	77.6	77.7
GE 4500	32.5	38.0	45.5	53.4	60.9	65.4	71.3	75.2	77.2	79.4	80.0	80.1
GE 4000	33.4	39.4	47.4	55.5	63.1	68.0	73.9	77.8	79.9	82.0	82.7	82.8
GE 3500	34.0	40.0	48.5	56.7	64.3	69.4	75.5	79.5	81.7	83.9	84.7	85.1
GE 3000	34.4	40.5	49.4	57.5	65.4	70.5	77.1	81.2	83.3	85.5	86.3	86.7
GE 2500	35.1	41.2	50.2	58.6	66.5	71.6	78.2	82.3	84.5	86.7	87.5	87.8
GE 2000	35.3	41.9	51.0	59.6	67.5	72.8	79.6	83.9	86.1	88.4	89.5	89.8
GE 1800	36.0	42.2	51.2	59.8	67.7	73.0	79.8	84.1	86.3	88.6	89.7	90.0
GE 1500	36.2	42.7	51.7	60.4	68.3	74.1	81.0	85.3	87.5	89.9	91.0	91.3
GE 1200	36.5	42.9	51.9	60.9	69.5	74.9	82.0	86.5	88.7	91.2	92.3	92.6
GE 1000	36.7	43.2	52.3	61.2	69.9	75.5	82.6	87.1	89.4	91.9	92.9	93.2
GE 900	36.7	43.2	52.3	61.7	70.4	76.0	83.1	87.6	89.9	92.4	93.4	93.8
GE 800	36.7	43.2	52.5	61.9	71.1	76.7	83.9	88.5	90.9	93.3	94.4	94.7
GE 700	36.7	43.2	52.5	61.9	71.1	77.0	84.3	89.0	91.4	93.9	94.9	95.3
GE 600	36.9	43.4	52.9	62.4	71.7	77.7	85.1	89.8	92.3	94.7	95.8	96.1
GE 500	36.9	43.4	52.9	62.5	71.9	78.2	85.9	91.0	93.4	95.9	97.1	97.4
GE 400	36.9	43.4	52.9	62.5	71.9	78.3	86.0	91.2	93.7	96.2	97.4	97.7
GE 300	36.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96.5	98.0	98.4
GE 200	36.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96.7	98.2	98.6
GE 100	36.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96.7	98.2	98.6
GE 000	36.9	43.4	52.9	62.5	71.9	78.4	86.2	91.4	93.9	96.7	98.2	98.6

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: JUL HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES										
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	42.0	45.4	49.1	51.7	53.3	54.3	55.3	55.3	55.6	55.6	55.7	55.8
GE 20000	46.3	50.5	54.7	57.6	59.6	61.4	61.9	61.9	62.3	62.3	62.7	62.8
GE 18000	46.3	50.5	54.7	57.6	59.6	61.4	61.9	61.9	62.3	62.3	62.7	62.8
GE 16000	46.3	50.5	54.7	57.6	59.6	61.4	61.9	61.9	62.3	62.3	62.7	62.8
GE 14000	46.9	50.6	54.8	57.7	59.7	61.5	62.0	62.0	62.4	62.4	62.8	62.9
GE 12000	48.5	52.4	56.7	59.7	61.7	63.5	64.1	64.1	64.4	64.4	64.8	64.9
GE 10000	50.5	54.4	58.7	61.7	63.8	65.7	66.3	66.3	66.7	66.7	67.1	67.2
GE 9000	51.1	54.9	59.4	62.4	64.4	66.5	67.1	67.1	67.4	67.4	67.8	68.0
GE 8000	55.6	59.8	65.5	69.1	71.2	73.2	73.9	73.9	74.2	74.2	74.6	74.7
GE 7000	56.1	60.3	66.1	69.8	71.8	73.9	74.5	74.5	74.8	74.8	75.3	75.4
GE 6000	56.2	60.4	66.2	69.9	71.9	74.0	74.6	74.6	74.9	74.9	75.4	75.5
GE 5000	63.7	68.0	68.9	72.8	74.8	77.0	77.6	77.7	78.1	78.1	78.5	78.6
GE 4500	63.9	68.4	71.3	75.2	77.2	79.4	80.0	80.1	80.4	80.4	80.9	81.0
GE 4000	63.1	68.0	73.9	77.8	79.9	82.0	82.7	82.8	83.1	83.1	83.5	83.7
GE 3500	64.3	69.4	75.5	79.6	81.7	83.9	84.7	85.1	85.4	85.4	85.8	85.9
GE 3000	65.4	70.5	77.1	81.2	83.3	85.5	86.3	86.7	87.0	87.0	87.4	87.5
GE 2500	66.5	71.6	78.2	82.3	84.5	86.7	87.5	87.8	88.2	88.2	88.6	88.7
GE 2000	67.5	72.8	79.6	83.9	86.1	88.4	89.5	89.8	90.1	90.1	90.5	90.6
GE 1800	67.7	73.0	79.8	84.1	86.3	88.6	89.7	90.0	90.3	90.3	90.8	90.9
GE 1600	68.3	74.1	81.0	85.3	87.5	89.9	91.0	91.3	91.6	91.6	92.0	92.2
GE 1400	69.5	74.9	82.0	86.5	88.7	91.2	92.3	92.6	92.9	92.9	93.3	93.4
GE 1200	69.9	75.5	82.6	87.1	89.4	91.8	92.9	93.2	93.5	93.5	94.0	94.1
GE 1000	70.4	76.0	83.1	87.6	89.9	92.4	93.4	93.8	94.1	94.1	94.5	94.6
GE 900	71.1	76.7	83.9	88.5	90.9	93.3	94.4	94.7	95.1	95.1	95.5	95.6
GE 800	71.1	77.0	84.3	89.0	91.4	93.9	94.9	95.3	95.6	95.6	96.0	96.1
GE 700	71.7	77.7	85.1	89.8	92.3	94.7	95.8	96.1	96.5	96.5	96.9	97.0
GE 600	71.9	78.2	85.9	91.0	93.4	95.9	97.1	97.4	97.7	97.7	98.2	98.3
GE 500	71.9	78.3	86.0	91.2	93.7	96.2	97.4	97.7	98.1	98.1	98.5	98.6
GE 400	71.9	78.4	86.2	91.4	93.9	96.5	98.0	98.4	98.7	98.7	99.1	99.6
GE 300	71.9	78.4	86.2	91.4	93.9	96.7	98.2	98.6	98.9	98.9	99.5	99.9
GE 200	71.9	78.4	86.2	91.4	93.9	96.7	98.2	98.6	98.9	98.9	99.5	100.0
GE 100	71.9	78.4	86.2	91.4	93.9	96.7	98.2	98.6	98.9	98.9	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: JUL HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	33.1	39.8	45.4	50.1	53.2	54.1	54.8	54.9	54.9	54.9	54.9	54.9
GE 20000	38.4	45.9	52.8	58.3	61.9	62.9	63.7	63.8	63.8	63.8	63.8	63.8
GE 18000	38.6	46.1	53.0	58.5	62.2	63.1	63.9	64.0	64.0	64.0	64.0	64.0
GE 16000	38.7	46.2	53.1	58.6	62.3	63.2	64.0	64.1	64.1	64.1	64.1	64.1
GE 14000	38.9	46.5	53.4	58.9	62.6	63.5	64.3	64.4	64.4	64.4	64.4	64.4
GE 12000	39.6	47.2	54.5	60.2	64.2	65.2	65.9	66.0	66.0	66.0	66.0	66.0
GE 10000	41.0	48.7	56.1	61.9	66.0	67.0	67.7	68.0	68.0	68.0	68.0	68.0
GE 9000	41.5	49.5	56.9	63.0	67.2	68.2	68.9	69.1	69.1	69.1	69.1	69.1
GE 8000	43.4	51.8	59.8	66.7	71.3	72.5	73.3	73.5	73.5	73.5	73.5	73.5
GE 7000	43.7	52.0	60.1	67.0	71.7	72.9	73.8	74.0	74.0	74.0	74.0	74.0
GE 6000	43.8	52.2	60.4	67.3	72.0	73.2	74.1	74.3	74.3	74.3	74.3	74.3
GE 5000	44.1	52.8	61.2	68.3	73.0	74.3	75.5	75.7	75.7	75.7	75.7	75.7
GE 4500	45.2	54.0	62.5	69.9	74.7	76.0	77.2	77.4	77.4	77.4	77.4	77.4
GE 4000	46.6	55.9	64.8	72.7	77.7	79.2	80.8	81.1	81.1	81.1	81.1	81.1
GE 3500	48.8	57.6	66.9	74.8	79.9	81.4	83.0	83.3	83.3	83.3	83.3	83.3
GE 3000	50.1	59.6	68.8	77.2	82.8	84.6	86.5	86.8	86.8	86.8	86.8	86.8
GE 2500	51.3	60.9	70.1	78.5	84.1	85.9	87.7	88.2	88.2	88.2	88.2	88.2
GE 2000	53.0	62.6	72.5	81.2	87.0	88.8	90.8	91.2	91.2	91.3	91.3	91.3
GE 1800	53.0	62.8	72.5	81.2	87.0	88.8	90.8	91.2	91.2	91.3	91.3	91.3
GE 1500	54.2	64.0	74.0	82.9	89.0	91.1	93.0	93.4	93.4	93.5	93.5	93.5
GE 1200	54.5	64.4	74.9	84.0	90.4	92.5	94.4	94.9	94.9	95.4	95.4	95.4
GE 1000	55.4	65.3	76.0	85.4	92.4	94.4	96.3	96.9	96.9	97.3	97.3	97.3
GE 900	55.6	65.7	76.7	86.2	93.3	95.4	97.3	97.8	97.8	98.3	98.3	98.3
GE 800	55.6	65.7	76.7	86.5	93.7	95.7	97.6	98.2	98.2	98.6	98.6	98.6
GE 700	55.6	65.7	76.7	86.5	93.7	95.9	98.2	98.8	98.8	99.2	99.2	99.2
GE 600	55.7	65.8	76.8	86.8	94.0	96.2	98.6	99.2	99.2	99.7	99.7	99.7
GE 500	55.7	65.8	76.8	86.8	94.0	96.2	98.8	99.5	99.5	99.9	99.9	99.9
GE 400	55.7	65.8	76.8	86.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0
GE 300	55.7	65.8	76.8	86.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0
GE 200	55.7	65.8	76.8	86.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0
GE 100	55.7	65.8	76.8	86.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0
GE 000	55.7	65.8	76.8	86.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JUL HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
0.1	53.2	54.1	54.6	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
.3	61.9	62.9	63.7	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8	63.8
.5	62.2	63.1	63.9	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0	64.0
.6	62.3	63.2	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
.9	62.6	63.5	64.3	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4	64.4
.2	64.2	65.2	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
.3	66.0	67.0	67.7	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
.0	67.2	68.2	68.9	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1	69.1
.7	71.3	72.5	73.3	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5	73.5
7.0	71.7	72.9	73.8	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0	74.0
7.3	72.0	73.2	74.1	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3	74.3
.3	73.0	74.3	75.5	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7	75.7
.3	74.7	76.0	77.2	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.4
0.7	77.7	79.2	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
4.3	79.9	81.4	83.0	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3	83.3
7.2	82.3	84.6	86.5	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8	86.8
.3	84.1	85.9	87.7	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2	88.2
1.2	87.0	88.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
1.2	87.0	88.8	90.8	91.2	91.3	91.3	91.3	91.3	91.3	91.3	91.3	91.3
.0	89.0	91.1	93.0	93.4	93.8	93.8	93.8	93.8	93.8	93.8	93.8	93.8
4.0	90.4	92.5	94.4	94.9	94.9	95.4	95.4	95.4	95.4	95.4	95.4	95.4
.4	92.4	94.4	96.3	96.9	96.9	97.3	97.3	97.3	97.3	97.3	97.3	97.3
.2	93.3	95.4	97.3	97.8	97.9	98.3	98.3	98.3	98.3	98.3	98.3	98.3
.5	93.7	95.7	97.6	98.2	98.2	98.6	98.6	98.6	98.6	98.6	98.6	98.6
.5	93.7	95.9	98.2	98.8	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
.8	94.0	96.2	98.6	99.2	99.2	99.7	99.7	99.7	99.7	99.7	99.7	99.7
.8	94.0	96.2	98.8	99.5	99.5	99.9	99.9	99.9	99.9	99.9	99.9	99.9
.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0
.8	94.0	96.2	98.9	99.6	99.6	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: JUL HOURS

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	35.5	42.4	46.2	48.6	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.
GE 20000	42.7	50.1	54.5	56.9	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.
GE 18000	42.8	50.2	54.6	57.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.
GE 16000	42.8	50.2	54.6	57.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.
GE 14000	43.1	50.5	55.2	57.5	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.
GE 12000	44.6	52.2	57.0	59.5	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.
GE 10000	45.7	53.3	58.7	61.4	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.
GE 9000	46.0	53.7	59.0	62.0	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.
GE 8000	48.5	56.2	62.2	65.2	66.8	67.1	67.6	67.6	67.6	67.6	67.6	67.
GE 7000	48.8	56.6	62.5	66.9	67.1	67.4	68.0	68.0	68.0	68.0	68.0	68.
GE 6000	49.0	56.8	62.8	66.9	67.5	67.8	68.4	68.4	68.4	68.4	68.4	68.
GE 5000	49.3	57.1	64.4	67.6	69.2	69.6	70.1	70.1	70.1	70.1	70.1	70.
GE 4500	51.4	59.3	66.5	70.3	71.6	71.9	72.5	72.5	72.5	72.5	72.5	72.
GE 4000	54.2	63.7	71.0	75.1	77.0	77.6	78.5	78.5	78.5	78.5	78.6	78.
GE 3500	57.7	67.8	76.0	80.4	82.4	83.0	83.9	84.0	84.0	84.0	84.0	84.
GE 3000	61.8	73.1	82.2	87.0	89.1	89.8	90.6	90.8	90.8	90.8	90.8	90.
GE 2500	62.9	74.3	84.2	89.3	91.4	92.2	93.1	93.4	93.4	93.4	93.4	93.
GE 2000	63.3	75.0	85.5	90.4	92.8	93.7	94.6	94.9	94.9	94.9	94.9	94.
GE 1800	63.3	75.0	85.5	90.4	92.8	93.7	94.6	94.9	94.9	94.9	94.9	94.
GE 1600	65.1	77.5	87.1	92.3	94.8	95.7	96.7	97.0	97.0	97.0	97.0	97.
GE 1200	65.7	78.5	88.1	93.2	95.9	96.8	97.7	98.1	98.1	98.1	98.1	98.
GE 1000	66.3	79.3	89.6	93.9	96.6	97.4	98.4	98.7	98.7	98.8	98.8	98.
GE 900	66.3	79.3	89.7	94.2	97.1	98.0	98.9	99.2	99.2	99.5	99.5	99.
GE 800	66.3	79.3	89.8	94.3	97.2	98.1	99.0	99.4	99.4	99.7	99.7	99.
GE 700	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 600	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 500	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 400	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 300	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 200	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 100	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.
GE 000	66.5	79.4	89.1	94.5	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

[illegible]ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 84
[illegible]TD UTC: + 5 MONTH: JUL HOURS: 12-14

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1	49.1
[illegible]	57.8	58.0	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1	58.1
[illegible]	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
[illegible]	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2	58.2
[illegible]	58.5	58.6	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7	58.7
[illegible]	60.6	60.8	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
[illegible]	62.5	62.7	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
[illegible]	63.2	63.4	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
[illegible]	65.9	67.1	67.5	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6	67.6
[illegible]	67.1	67.4	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0	68.0
[illegible]	67.5	67.5	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
[illegible]	69.2	69.5	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1	70.1
[illegible]	71.5	71.9	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
[illegible]	77.0	77.5	78.5	78.5	78.5	78.5	78.6	78.6	78.6	78.6	78.6	78.6
[illegible]	82.4	83.0	83.9	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0	84.0
[illegible]	89.1	89.8	90.6	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8	90.8
[illegible]	91.4	92.2	93.1	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
[illegible]	92.8	93.7	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	92.8	93.7	94.5	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
[illegible]	94.8	95.7	96.7	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0	97.0
[illegible]	95.9	96.8	97.7	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1	98.1
[illegible]	96.6	97.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	97.1	98.0	98.9	99.2	99.2	99.5	99.5	99.5	99.5	99.5	99.5	99.5
[illegible]	97.2	98.1	99.0	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	97.5	98.4	99.4	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 75 -
LST TO UTC: + 5 MONTH: JUL HOURS: 15-17

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	36.0	44.3	47.0	48.9	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9
GE 20000	47.4	54.6	57.4	59.5	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	47.7	54.9	57.6	59.9	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 16000	47.7	54.9	57.8	59.9	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2
GE 14000	48.0	55.1	58.1	60.1	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 12000	49.5	56.7	59.6	61.8	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2
GE 10000	51.2	58.6	61.9	63.9	64.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4
GE 9000	51.7	59.0	62.4	64.4	65.3	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9
GE 8000	55.6	63.5	67.1	69.4	70.4	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3
GE 7000	55.7	63.7	67.2	69.5	70.5	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6
GE 6000	56.0	64.0	67.6	69.9	71.0	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3
GE 5000	56.8	65.0	69.5	71.9	73.2	73.7	74.4	74.6	74.6	74.6	74.6	74.6	74.6
GE 4500	58.2	67.5	71.5	74.0	75.3	75.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9
GE 4000	61.3	71.4	76.0	79.0	80.8	81.3	82.2	82.5	82.5	82.5	82.5	82.5	82.5
GE 3500	65.3	75.7	80.6	83.9	85.6	86.1	87.0	87.3	87.4	87.4	87.4	87.4	87.4
GE 3000	69.0	80.0	85.3	89.1	91.2	92.0	93.1	93.4	93.5	93.7	93.7	93.8	93.8
GE 2500	69.9	81.4	87.2	91.2	93.3	94.2	95.4	95.7	95.8	95.9	95.9	96.0	96.0
GE 2000	70.9	82.4	88.5	92.6	94.9	95.8	97.1	97.4	97.5	97.6	97.6	97.7	97.7
GE 1800	70.9	82.4	88.6	92.9	95.1	95.9	97.2	97.5	97.7	97.8	97.8	98.0	98.0
GE 1600	71.3	82.9	89.2	93.5	95.8	96.8	98.1	98.4	98.6	98.7	98.7	98.8	98.9
GE 1200	71.6	83.2	89.7	94.1	96.6	97.5	98.8	99.1	99.4	99.5	99.5	99.6	99.6
GE 1000	71.6	83.2	89.9	94.3	96.8	97.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9
GE 900	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 800	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 700	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 600	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 500	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 400	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 300	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 200	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 100	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0
GE 000	71.7	83.3	90.0	94.4	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
) UTC: + 5 MONTH: JUL HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	49.5	49.7	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9	49.9
[illegible]	60.3	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
[illegible]	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
[illegible]	60.8	61.0	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2	61.2
[illegible]	61.0	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
[illegible]	62.7	63.0	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
[illegible]	64.7	65.2	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4	65.4
[illegible]	65.3	65.7	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9	65.9
[illegible]	70.4	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
[illegible]	70.5	71.0	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.6
[illegible]	71.0	71.4	72.0	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3	72.3
[illegible]	73.2	73.7	74.4	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6	74.6
[illegible]	75.3	75.8	76.6	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9	76.9
[illegible]	80.8	81.3	82.2	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5	82.5
[illegible]	85.6	86.1	87.0	87.3	87.4	87.4	87.4	87.4	87.4	87.4	87.4	87.4
[illegible]	91.2	92.0	93.1	93.4	93.5	93.7	93.7	93.8	93.8	93.8	93.8	93.8
[illegible]	93.3	94.2	95.4	95.7	95.8	95.9	95.9	96.0	96.0	96.0	96.0	96.0
[illegible]	94.9	95.8	97.1	97.4	97.5	97.6	97.6	97.7	97.7	97.7	97.7	97.7
[illegible]	95.1	95.9	97.2	97.5	97.7	97.8	97.8	98.0	98.0	98.0	98.0	98.0
[illegible]	95.6	96.8	98.1	98.4	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8
[illegible]	95.6	97.5	98.8	99.1	99.4	99.5	99.5	99.6	99.6	99.6	99.6	99.6
[illegible]	96.3	97.7	99.0	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9	99.9
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	97.8	99.1	99.6	99.8	99.9	99.9	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL HOURS: 18-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	43.2	51.3	54.6	56.8	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	6
GE 20000	50.5	58.6	62.3	64.6	67.4	68.0	68.2	68.3	68.3	68.3	68.3	68.3	6
GE 18000	51.0	59.0	62.7	65.1	67.8	68.4	68.6	68.7	68.7	68.7	68.7	68.7	6
GE 16000	51.0	59.0	62.7	65.1	67.8	68.4	68.6	68.7	68.7	68.7	68.7	68.7	6
GE 14000	51.2	59.2	62.9	65.3	68.1	68.6	68.8	68.9	68.9	68.9	68.9	68.9	6
GE 12000	52.7	61.0	64.7	67.1	70.0	70.5	70.8	70.9	70.9	70.9	70.9	70.9	7
GE 10000	54.5	63.0	66.9	69.6	72.5	73.0	73.2	73.3	73.3	73.3	73.3	73.3	7
GE 9000	55.1	63.6	67.5	70.3	73.2	73.8	74.0	74.1	74.1	74.1	74.1	74.1	7
GE 8000	58.5	68.0	72.5	75.4	78.7	79.2	79.7	79.9	79.9	79.9	79.9	79.9	7
GE 7000	59.0	68.6	73.1	76.0	79.5	80.0	80.4	80.6	80.6	80.6	80.6	80.6	8
GE 6000	59.1	68.7	73.2	76.1	79.7	80.2	80.8	81.1	81.1	81.1	81.1	81.1	-
GE 5000	60.3	70.1	74.9	78.0	81.7	82.3	82.8	83.1	83.1	83.1	83.1	83.1	8
GE 4500	61.6	71.7	76.8	79.8	83.8	84.3	84.6	85.2	85.2	85.2	85.2	85.2	8
GE 4000	64.9	75.7	81.6	84.6	88.9	89.6	90.2	90.5	90.5	90.5	90.5	90.5	9
GE 3500	67.0	78.2	84.2	87.3	92.5	93.1	93.8	94.1	94.1	94.1	94.1	94.1	9
GE 3000	68.4	79.9	86.0	90.0	94.8	95.7	96.6	96.9	96.9	96.9	96.9	96.9	9
GE 2500	69.0	80.2	86.3	90.4	95.3	96.5	97.3	97.7	97.7	97.8	97.8	97.8	9
GE 2000	69.0	80.4	86.6	91.0	95.2	97.4	98.4	98.8	98.8	99.1	99.1	99.1	9
GE 1800	69.3	80.4	86.6	91.0	95.2	97.4	98.4	98.8	98.8	99.1	99.1	99.1	9
GE 1500	69.0	80.6	86.9	91.3	96.6	97.8	98.9	99.4	99.4	99.7	99.7	99.7	9
GE 1200	69.1	80.7	87.0	91.4	96.7	98.0	99.0	99.5	99.5	99.8	99.8	99.8	9
GE 1000	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 900	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 800	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 700	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 600	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 500	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 400	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 300	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 200	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 100	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	10
GE 000	69.1	81.0	87.1	91.6	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
D UTC: + 5 MONTH: JUL HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	59.2	59.7	59.9	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
[illegible]	67.4	68.0	68.2	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3	68.3
[illegible]	67.8	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
[illegible]	67.8	68.4	68.6	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7	68.7
[illegible]	68.1	68.6	68.8	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
[illegible]	70.0	70.5	70.8	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9	70.9
[illegible]	72.5	73.0	73.2	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3	73.3
[illegible]	73.2	73.8	74.0	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1	74.1
[illegible]	78.7	79.2	79.7	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
[illegible]	79.5	80.0	80.4	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6	80.6
[illegible]	79.7	80.2	80.8	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1	81.1
[illegible]	81.7	82.3	82.8	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1	83.1
[illegible]	83.8	84.3	84.8	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2	85.2
[illegible]	88.9	89.6	90.2	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5	90.5
[illegible]	92.5	93.1	93.8	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1	94.1
[illegible]	94.8	95.7	96.6	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9	96.9
[illegible]	95.3	96.5	97.3	97.7	97.7	97.8	97.8	97.8	97.8	97.8	97.8	97.8
[illegible]	95.2	97.4	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	95.2	97.4	98.4	98.8	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1
[illegible]	96.6	97.8	98.9	99.4	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7
[illegible]	96.7	98.0	99.0	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	96.9	98.2	99.2	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL HOURS: 21

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	
NO CEIL	43.4	49.7	55.8	59.1	62.8	63.8	64.9	65.2	65.2	65.2	65.2	65.2	
GE 20000	47.2	54.1	61.2	65.3	69.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	
GE 18000	47.2	54.1	61.2	65.3	69.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	
GE 16000	47.2	54.1	61.2	65.3	69.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	
GE 14000	47.3	54.2	61.3	65.4	69.7	70.8	72.2	72.6	72.6	72.6	72.6	72.6	
GE 12000	48.4	55.4	63.0	67.1	71.5	72.6	74.0	74.4	74.4	74.4	74.4	74.4	
GE 10000	50.0	57.3	64.9	69.1	73.8	75.2	75.7	77.1	77.1	77.1	77.1	77.1	
GE 9000	50.3	57.7	65.5	69.9	74.6	76.1	77.6	78.1	78.1	78.1	78.1	78.1	
GE 8000	53.2	60.9	69.6	74.3	79.5	81.0	83.0	83.5	83.5	83.5	83.5	83.5	
GE 7000	54.0	61.6	70.4	75.2	80.3	81.8	83.9	84.4	84.4	84.4	84.4	84.4	
GE 6000	54.2	61.8	70.6	75.4	80.5	82.0	84.1	84.6	84.6	84.6	84.6	84.6	
GE 5000	54.6	62.4	72.0	77.3	82.8	84.3	86.3	86.9	86.9	86.9	86.9	86.9	
GE 4500	55.7	63.5	73.3	78.7	84.5	86.0	88.1	88.6	88.6	88.6	88.6	88.6	
GE 4000	57.6	65.7	76.1	81.5	87.4	89.0	91.2	91.7	91.7	91.7	91.7	91.7	
GE 3500	58.2	66.6	77.3	82.9	88.9	90.5	92.8	93.3	93.3	93.3	93.3	93.3	
GE 3000	58.3	67.3	78.5	84.2	90.4	92.2	94.4	95.1	95.1	95.2	95.2	95.2	
GE 2500	59.7	68.6	80.1	85.9	92.3	94.0	96.3	97.0	97.0	97.1	97.1	97.1	
GE 2000	59.7	68.6	80.1	85.9	92.4	94.1	96.3	97.4	97.4	97.5	97.5	97.5	
GE 1800	59.7	68.6	80.1	85.9	92.5	94.2	97.0	97.6	97.6	97.7	97.7	97.7	
GE 1500	59.7	68.6	80.2	86.0	92.9	94.8	97.8	98.5	98.5	98.6	98.6	98.6	
GE 1200	59.8	68.8	80.4	86.2	93.1	95.2	98.2	98.9	98.9	99.0	99.1	99.1	
GE 1000	59.8	68.8	80.4	86.2	93.2	95.4	98.4	99.1	99.1	99.2	99.4	99.4	
GE 900	59.8	68.8	80.4	86.2	93.2	95.5	98.5	99.2	99.2	99.4	99.5	99.5	
GE 800	59.8	68.8	80.4	86.2	93.2	95.6	98.6	99.4	99.4	99.5	99.6	99.6	
GE 700	59.9	68.9	80.5	86.3	93.3	95.7	98.8	99.6	99.6	99.7	99.8	99.8	
GE 600	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1
GE 500	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1
GE 400	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1
GE 300	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1
GE 200	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1
GE 100	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1
GE 000	59.9	69.0	80.6	86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	1

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUL HOURS: 21-23

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
59.1	62.8	63.8	64.9	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2	65.2
65.3	69.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
65.3	69.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
65.3	69.6	70.6	72.0	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5	72.5
65.4	69.7	70.8	72.2	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6	72.6
67.1	71.5	72.6	74.0	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4	74.4
69.1	73.8	75.2	76.7	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1	77.1
69.9	74.6	76.1	77.6	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1	78.1
74.3	79.5	81.0	83.0	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5	83.5
75.2	80.3	81.8	83.9	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4	84.4
75.4	80.5	82.0	84.1	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6	84.6
77.3	82.8	84.3	86.3	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
78.7	84.5	86.0	88.1	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.6
81.5	87.4	89.0	91.2	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7	91.7
82.9	88.9	90.5	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3	93.3
84.2	90.4	92.2	94.4	95.1	95.1	95.2	95.2	95.2	95.2	95.2	95.2	95.2
85.1	92.3	94.0	96.3	97.0	97.0	97.1	97.1	97.1	97.1	97.1	97.1	97.1
85.9	92.4	94.1	96.9	97.4	97.4	97.5	97.5	97.5	97.5	97.5	97.5	97.5
85.9	92.5	94.2	97.0	97.6	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7
86.0	92.9	94.3	97.8	98.5	98.5	98.6	98.6	98.6	98.6	98.6	98.6	98.6
86.2	93.1	95.2	98.2	98.9	98.9	99.0	99.1	99.1	99.1	99.1	99.1	99.1
86.2	93.2	95.4	98.4	99.1	99.1	99.2	99.4	99.4	99.4	99.4	99.4	99.4
86.2	93.2	95.5	98.5	99.2	99.2	99.4	99.5	99.5	99.5	99.5	99.5	99.5
86.2	93.2	95.6	98.6	99.4	99.4	99.5	99.6	99.6	99.6	99.6	99.6	99.6
86.3	93.3	95.7	98.8	99.6	99.6	99.7	99.8	99.8	99.8	99.8	99.8	99.8
86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
86.5	93.4	95.8	99.0	99.8	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JUL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	35.8	41.7	46.6	50.8	53.8	54.9	56.3	56.9	57.2	57.4	57.5	57.5
GE 20000	40.9	47.3	53.1	57.5	61.0	62.2	63.8	64.6	64.9	65.2	65.3	65.3
GE 18000	41.1	47.4	53.2	57.6	61.2	62.4	64.0	64.7	65.0	65.4	65.5	65.5
GE 16000	41.1	47.4	53.2	57.7	61.2	62.4	64.0	64.7	65.0	65.4	65.5	65.5
GE 14000	41.3	47.6	53.4	57.9	61.4	62.6	64.2	64.9	65.2	65.6	65.7	65.7
GE 12000	42.4	48.8	54.9	59.4	63.2	64.4	66.1	66.9	67.2	67.5	67.6	67.6
GE 10000	43.7	50.4	56.7	61.4	65.4	66.7	68.4	69.2	69.5	69.9	70.0	70.0
GE 9000	44.1	50.9	57.3	62.2	66.3	67.6	69.4	70.1	70.4	70.8	71.0	71.0
GE 8000	47.0	54.2	61.2	66.5	71.1	72.6	74.3	75.7	76.0	76.4	76.5	76.5
GE 7000	47.4	54.6	61.7	67.0	71.7	73.1	75.4	76.3	76.6	77.0	77.1	77.1
GE 6000	47.5	54.8	61.9	67.3	71.9	73.4	75.7	76.6	76.9	77.3	77.4	77.4
GE 5000	49.5	56.0	63.6	69.1	73.9	75.4	77.8	78.7	79.0	79.4	79.6	79.6
GE 4500	49.6	57.3	65.0	70.7	75.7	77.3	79.6	80.6	80.9	81.3	81.5	81.5
GE 4000	51.7	59.9	68.3	74.2	79.6	81.3	83.9	85.0	85.3	85.7	85.8	85.8
GE 3500	53.3	61.8	70.5	76.6	82.1	83.9	86.5	87.6	87.9	88.3	88.5	88.5
GE 3000	55.0	63.9	72.9	79.4	85.2	87.1	89.9	91.0	91.4	91.8	91.9	92.0
GE 2500	55.7	64.9	74.1	80.6	86.5	88.5	91.3	92.5	92.9	93.3	93.5	93.5
GE 2000	56.3	65.5	74.9	81.7	87.7	89.7	92.7	93.9	94.2	94.7	94.9	95.0
GE 1800	56.4	65.6	75.0	81.7	87.8	89.8	92.8	94.0	94.4	94.9	95.1	95.1
GE 1500	56.7	65.2	75.7	82.5	88.8	90.9	94.0	95.2	95.6	96.1	96.3	96.4
GE 1200	57.2	66.6	76.2	83.1	89.5	91.7	94.8	96.1	96.4	97.0	97.2	97.3
GE 1000	57.4	66.9	76.5	83.5	90.1	92.3	95.4	96.7	97.1	97.7	97.8	97.9
GE 900	57.5	66.9	76.7	83.8	90.4	92.7	95.8	97.1	97.4	98.0	98.2	98.3
GE 800	57.5	67.0	76.8	84.0	90.7	93.0	96.1	97.4	97.8	98.4	98.6	98.7
GE 700	57.6	67.0	76.8	84.0	90.7	93.1	96.3	97.7	98.1	98.7	98.9	98.9
GE 600	57.6	67.1	76.9	84.1	90.9	93.3	96.6	97.9	98.3	99.0	99.1	99.2
GE 500	57.6	67.1	76.9	84.2	91.0	93.5	96.8	98.2	98.6	99.2	99.4	99.5
GE 400	57.6	67.1	76.9	84.2	91.0	93.5	96.8	98.2	98.7	99.3	99.5	99.6
GE 300	57.6	67.1	76.9	84.2	91.0	93.5	96.9	98.3	98.7	99.3	99.6	99.7
GE 200	57.6	67.1	76.9	84.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7
GE 100	57.6	67.1	76.9	84.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7
GE 000	57.6	67.1	76.9	84.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 — MONTH: JUL HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/3	GE 1/4	GE 0
	50.8	53.8	54.9	56.3	56.9	57.2	57.4	57.5	57.5	57.6	57.6	57.6	57.7
	57.5	61.0	62.2	63.8	64.6	64.9	65.2	65.3	65.3	65.4	65.4	65.5	65.5
	57.6	61.2	62.4	64.0	64.7	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.6
	57.7	61.2	62.4	64.0	64.7	65.0	65.4	65.5	65.5	65.6	65.6	65.6	65.7
	57.9	61.4	62.6	64.2	64.9	65.2	65.6	65.7	65.7	65.8	65.8	65.8	65.9
	59.4	63.2	64.4	66.1	66.9	67.2	67.5	67.6	67.6	67.7	67.7	67.8	67.8
	61.4	65.4	66.7	68.4	69.2	69.5	69.9	70.0	70.0	70.1	70.1	70.1	70.2
	62.2	66.3	67.6	69.4	70.1	70.4	70.8	71.0	71.0	71.0	71.0	71.1	71.1
	66.5	71.1	72.6	74.3	75.7	76.0	76.4	76.5	76.5	76.6	76.6	76.6	76.7
	67.0	71.7	73.1	75.4	76.3	76.6	77.0	77.1	77.1	77.2	77.2	77.2	77.3
	67.3	71.9	73.4	75.7	76.6	76.9	77.3	77.4	77.4	77.5	77.5	77.6	77.6
	69.1	73.9	75.4	77.8	78.7	79.0	79.4	79.6	79.6	79.7	79.7	79.7	79.8
	70.7	75.7	77.3	79.6	80.6	80.9	81.3	81.5	81.5	81.6	81.6	81.6	81.7
	74.2	79.6	81.3	83.9	85.0	85.3	85.7	85.8	85.8	85.9	85.9	86.0	86.0
	76.6	82.1	83.9	86.5	87.6	87.9	88.3	88.5	88.5	88.6	88.6	88.7	88.7
	79.4	85.2	87.1	89.9	91.0	91.4	91.8	91.9	92.0	92.1	92.1	92.1	92.2
	83.6	86.5	88.5	91.3	92.5	92.9	93.3	93.5	93.5	93.6	93.6	93.7	93.7
	91.7	87.7	89.7	92.7	93.9	94.2	94.7	94.9	95.0	95.1	95.1	95.1	95.1
	91.7	87.8	89.8	92.8	94.0	94.4	94.9	95.1	95.1	95.2	95.2	95.3	95.3
	92.5	88.8	90.9	94.0	95.2	95.6	96.1	96.3	96.4	96.4	96.5	96.5	96.5
	93.1	89.5	91.7	94.8	96.1	96.4	97.0	97.2	97.3	97.3	97.4	97.4	97.4
	93.5	90.1	92.3	95.4	96.7	97.1	97.7	97.8	97.9	98.0	98.0	98.1	98.1
	93.8	90.4	92.7	95.8	97.1	97.4	98.0	98.2	98.3	98.4	98.4	98.4	98.5
	94.0	90.7	93.0	96.1	97.4	97.8	98.4	98.6	98.7	98.8	98.8	98.8	98.9
	94.0	90.7	93.1	96.3	97.7	98.1	98.7	98.9	98.9	99.0	99.0	99.1	99.1
	94.1	90.9	93.3	96.6	97.9	98.3	99.0	99.1	99.2	99.3	99.3	99.3	99.4
	94.2	91.0	93.5	96.8	98.2	98.6	99.2	99.4	99.5	99.6	99.6	99.7	99.7
	94.2	91.0	93.5	96.8	98.2	98.7	99.3	99.5	99.6	99.7	99.7	99.7	99.7
	94.2	91.0	93.5	96.9	98.3	98.7	99.3	99.6	99.7	99.7	99.8	99.8	99.9
	94.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7	99.8	99.8	99.9	99.9
	94.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0
	94.2	91.0	93.5	96.9	98.3	98.7	99.4	99.6	99.7	99.8	99.8	99.9	100.0

7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: AUG HOURS: 00-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/
NO CEIL	37.8	41.6	48.3	54.2	61.1	61.9	63.7	63.9	63.9	63.9	63.9	63.9	64.
GE 20000	40.4	45.2	52.7	59.0	66.5	67.3	69.0	69.2	69.2	69.2	69.2	69.2	69.
GE 18000	40.5	45.3	52.8	59.1	66.5	67.4	69.1	69.4	69.4	69.4	69.4	69.4	69.
GE 16000	40.5	45.3	52.8	59.1	66.6	67.4	69.1	69.4	69.4	69.4	69.4	69.4	69.
GE 14000	40.9	45.6	53.1	59.5	66.9	67.7	69.5	69.7	69.7	69.7	69.7	69.7	70.
GE 12000	41.4	46.1	53.7	60.1	67.5	68.4	70.1	70.3	70.3	70.3	70.3	70.3	70.
GE 10000	44.0	48.7	56.5	64.6	73.1	74.3	76.3	77.1	77.1	77.1	77.1	77.1	77
GE 9000	44.2	48.9	56.9	65.3	73.8	74.9	77.0	77.7	77.7	77.7	77.7	77.7	78.
GE 8000	47.2	52.4	61.0	69.6	78.9	80.8	83.3	84.1	84.1	84.1	84.1	84.1	84
GE 7000	47.8	53.0	61.6	70.2	79.6	81.4	84.0	84.7	84.7	84.7	84.7	84.7	85
GE 6000	48.1	53.3	61.9	70.8	80.1	81.9	84.6	85.4	85.4	85.4	85.4	85.4	85
GE 5000	48.4	53.7	62.5	71.4	81.0	82.8	85.6	86.3	86.3	86.3	86.3	86.3	86
GE 4500	48.8	54.1	63.0	72.3	81.8	83.8	86.6	87.3	87.3	87.3	87.3	87.3	87
GE 4000	49.8	55.7	65.1	74.7	84.8	87.1	89.9	90.6	90.6	90.6	90.6	90.6	91.
GE 3500	50.9	56.7	66.2	76.1	86.3	88.6	91.5	92.3	92.3	92.3	92.3	92.3	92.
GE 3000	51.7	57.9	67.5	77.7	88.3	90.8	93.9	94.6	94.6	94.7	94.7	94.7	95.
GE 2500	51.9	58.0	67.6	78.1	88.7	91.2	94.3	95.1	95.1	95.2	95.2	95.2	95.
GE 2000	51.9	58.1	68.0	78.5	89.1	91.6	94.8	95.8	95.8	95.9	95.9	95.9	96.
GE 1800	52.0	58.2	68.2	78.7	89.4	91.8	95.1	96.0	96.0	96.1	96.1	96.1	96
GE 1500	52.3	58.4	68.4	79.0	89.8	92.3	95.5	96.5	96.6	96.7	96.7	96.7	97
GE 1200	52.3	58.4	68.4	79.0	90.2	92.7	95.9	97.0	97.1	97.2	97.2	97.2	97.
GE 1000	52.3	58.5	68.7	79.4	90.5	93.0	96.2	97.3	97.7	97.8	97.8	97.8	98
GE 900	52.3	58.5	68.7	79.4	90.5	93.0	96.2	97.3	97.7	97.8	97.8	97.8	98
GE 800	52.4	58.6	68.9	79.6	91.1	93.5	96.8	98.0	98.4	98.5	98.5	98.5	98.
GE 700	52.4	58.6	68.9	79.6	91.2	93.7	96.9	98.1	98.5	98.6	98.6	98.6	98
GE 600	52.4	58.6	68.9	79.6	91.3	93.8	97.0	98.2	98.6	98.7	98.7	98.7	99
GE 500	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
GE 400	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
GE 300	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
GE 200	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
GE 100	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99
GE 000	52.4	58.6	68.9	79.7	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: AUG HOURS: 00-02

CEILING	VISIBILITY IN STATUTE MILES											
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
64.2	61.1	61.9	63.7	63.9	63.9	63.9	63.9	63.9	64.2	64.2	64.4	64.8
64.0	66.5	67.3	69.0	69.2	69.2	69.2	69.2	69.2	69.6	69.6	69.8	70.2
69.1	66.5	67.4	69.1	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.9	70.3
69.1	66.6	67.4	69.1	69.4	69.4	69.4	69.4	69.4	69.7	69.7	69.9	70.3
69.5	66.9	67.7	69.5	69.7	69.7	69.7	69.7	69.7	70.0	70.0	70.2	70.6
70.1	67.5	68.4	70.1	70.3	70.3	70.3	70.3	70.3	70.6	70.6	70.9	71.3
76.6	73.1	74.3	76.3	77.1	77.1	77.1	77.1	77.1	77.4	77.4	77.6	78.1
76.3	73.8	74.9	77.0	77.7	77.7	77.7	77.7	77.7	78.1	78.1	78.3	78.7
80.6	78.9	80.8	83.3	84.1	84.1	84.1	84.1	84.1	84.4	84.4	84.6	85.1
80.2	79.6	81.4	84.0	84.7	84.7	84.7	84.7	84.7	85.1	85.1	85.3	85.7
80.9	80.1	81.9	84.6	85.4	85.4	85.4	85.4	85.4	85.7	85.7	85.9	86.3
81.4	81.0	82.8	85.6	86.3	86.3	86.3	86.3	86.3	86.7	86.7	86.9	87.3
82.3	81.8	83.8	86.6	87.3	87.3	87.3	87.3	87.3	87.6	87.6	87.8	88.3
84.7	84.8	87.1	89.9	90.6	90.6	90.6	90.6	90.6	91.0	91.0	91.2	91.6
86.1	86.3	88.6	91.5	92.3	92.3	92.3	92.3	92.3	92.6	92.6	92.8	93.2
87.7	88.3	90.8	93.9	94.6	94.6	94.7	94.7	94.7	95.1	95.1	95.3	95.7
89.1	88.7	91.2	94.3	95.1	95.1	95.2	95.2	95.2	95.5	95.5	95.7	96.1
89.5	89.1	91.6	94.8	95.8	95.8	95.9	95.9	95.9	96.2	96.2	96.5	96.9
89.7	89.4	91.8	95.1	96.0	96.0	96.1	96.1	96.1	96.5	96.5	96.7	97.1
90.0	89.8	92.3	95.5	96.5	96.6	96.7	96.7	96.7	97.0	97.0	97.2	97.6
90.0	90.2	92.7	95.9	97.0	97.1	97.2	97.2	97.2	97.5	97.5	97.7	98.2
90.4	90.5	93.0	96.2	97.3	97.7	97.8	97.8	97.8	98.2	98.2	98.4	98.8
90.4	90.5	93.0	96.2	97.3	97.7	97.8	97.8	97.8	98.2	98.2	98.4	98.8
90.9	91.1	93.5	96.8	98.0	98.4	98.5	98.5	98.5	98.8	98.8	99.0	99.5
91.0	91.2	93.7	96.9	98.1	98.5	98.6	98.6	98.6	98.9	98.9	99.1	99.6
91.0	91.3	93.8	97.0	98.2	98.6	98.7	98.7	98.7	99.0	99.0	99.2	99.7
91.2	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
91.2	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
91.2	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
91.2	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
91.2	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0
91.2	91.5	94.0	97.3	98.5	98.9	99.0	99.0	99.0	99.4	99.4	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: AUG HOURS: 0

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	28.7	31.0	37.6	43.0	51.4	53.0	57.7	58.8	59.0	60.2	60.3	60.5
GE 20000	30.2	32.7	39.6	45.4	54.6	56.3	61.3	62.4	62.6	63.9	64.1	64.3
GE 18000	30.2	32.7	39.6	45.4	54.6	56.3	61.3	62.4	62.6	63.9	64.1	64.3
GE 16000	30.2	32.7	39.6	45.4	54.6	56.3	61.3	62.4	62.6	63.9	64.1	64.3
GE 14000	30.6	33.1	40.0	45.8	55.2	56.9	61.8	62.9	63.1	64.4	64.6	64.8
GE 12000	31.2	33.7	40.9	46.9	56.3	58.1	63.0	64.1	64.3	65.6	65.8	66.0
GE 10000	33.4	36.3	43.8	50.4	60.5	62.6	68.0	69.1	69.5	70.8	71.1	71.3
GE 9000	34.0	36.9	44.3	51.0	61.2	63.2	68.7	69.9	70.2	71.5	71.8	72.0
GE 8000	37.7	41.0	49.2	56.7	67.7	70.3	76.0	77.3	77.7	79.2	79.6	79.8
GE 7000	38.3	41.5	49.6	57.2	68.4	71.0	76.7	78.0	78.4	79.9	80.2	80.4
GE 6000	38.4	41.7	50.0	57.4	68.6	71.2	76.9	78.2	78.6	80.1	80.4	80.6
GE 5000	40.1	43.4	51.8	59.4	70.8	73.3	79.2	80.5	81.0	82.5	82.8	83.0
GE 4500	40.5	44.0	52.4	60.0	71.5	74.2	80.2	81.5	81.9	83.4	83.8	84.0
GE 4000	41.4	45.1	53.8	61.8	74.2	77.1	83.2	84.5	84.9	86.5	86.8	87.0
GE 3500	42.0	46.0	54.8	62.9	76.0	78.9	85.2	86.6	87.0	88.5	88.8	89.0
GE 3000	43.2	47.2	56.0	64.2	77.3	80.3	86.8	88.2	88.6	90.1	90.4	90.6
GE 2500	43.8	47.7	56.8	65.2	78.4	81.6	88.1	89.5	89.9	91.4	91.7	91.9
GE 2000	43.8	47.7	56.8	65.3	78.6	81.8	88.3	89.7	90.1	91.6	91.9	92.2
GE 1800	43.8	47.7	56.8	65.3	78.7	81.9	88.4	89.8	90.2	91.7	92.0	92.3
GE 1500	44.1	48.1	57.1	65.7	79.1	82.4	89.4	90.8	91.2	92.7	93.0	93.2
GE 1200	44.3	48.3	57.3	65.9	79.6	82.8	90.0	91.4	91.8	93.3	93.7	93.9
GE 1000	44.3	48.3	57.4	66.0	80.0	83.4	90.9	92.4	92.8	94.3	94.6	94.9
GE 900	44.3	48.3	57.4	66.0	80.0	83.4	91.0	92.6	93.0	94.5	94.8	95.1
GE 800	44.4	48.5	57.7	66.5	80.5	84.0	91.6	93.2	93.7	95.2	95.5	95.7
GE 700	44.4	48.5	57.7	66.6	80.6	84.1	91.9	93.7	94.1	95.6	95.9	96.1
GE 600	44.4	48.5	57.7	66.6	80.9	84.3	92.3	94.0	94.4	95.9	96.2	96.5
GE 500	44.4	48.5	57.7	66.6	80.9	84.5	92.7	94.7	95.2	96.7	97.0	97.2
GE 400	44.4	48.5	57.7	66.6	81.0	84.6	93.2	95.4	95.9	97.3	97.6	97.8
GE 300	44.4	48.5	57.7	66.6	81.1	84.7	93.4	95.6	96.0	97.5	97.8	98.1
GE 200	44.4	48.5	57.7	66.6	81.2	84.8	93.5	95.7	96.1	97.6	98.0	98.2
GE 100	44.4	48.5	57.7	66.6	81.2	84.8	93.5	95.7	96.1	97.6	98.0	98.2
GE 000	44.4	48.5	57.7	66.6	81.2	84.8	93.5	95.7	96.1	97.6	98.0	98.2

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: AUG HOURS: 03-05

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	43.0	51.4	53.0	57.7	58.8	59.0	60.2	60.3	60.5	60.8	60.8	61.1	61.5
	45.4	54.6	56.3	61.3	62.4	62.6	63.9	64.1	64.3	64.5	64.5	64.8	65.3
	45.4	54.6	56.3	61.3	62.4	62.6	63.9	64.1	64.3	64.5	64.5	64.8	65.3
	45.4	54.6	56.3	61.3	62.4	62.6	63.9	64.1	64.3	64.5	64.5	64.8	65.3
	45.8	55.2	56.9	61.8	62.9	63.1	64.4	64.6	64.8	65.1	65.1	65.4	65.8
	46.9	56.3	58.1	63.0	64.1	64.3	65.6	65.8	66.0	66.2	66.2	66.6	67.0
	50.4	60.5	62.6	68.0	69.1	69.5	70.8	71.1	71.3	71.5	71.5	71.8	72.3
	51.3	61.2	63.2	68.7	69.9	70.2	71.5	71.8	72.0	72.3	72.3	72.6	73.0
	56.7	67.7	70.3	76.0	77.3	77.7	79.2	79.6	79.8	80.0	80.0	80.3	80.8
	57.2	68.4	71.0	76.7	78.0	78.4	79.9	80.2	80.4	80.6	80.6	81.0	81.4
	57.4	68.6	71.2	76.9	78.2	78.6	80.1	80.4	80.6	80.9	80.9	81.2	81.6
	69.4	70.8	73.3	79.2	80.5	81.0	82.5	82.8	83.0	83.2	83.2	83.5	84.0
	69.0	71.5	74.2	80.2	81.5	81.9	83.4	83.8	84.0	84.2	84.2	84.5	84.9
	71.8	74.2	77.1	83.2	84.5	84.9	86.5	86.8	87.0	87.2	87.2	87.5	88.0
	72.9	76.0	78.9	85.2	86.6	87.0	88.5	88.8	89.0	89.2	89.2	89.6	90.0
	74.2	77.3	80.3	86.8	88.2	88.6	90.1	90.4	90.6	90.9	90.9	91.2	91.6
	75.2	78.4	81.6	88.1	89.5	89.9	91.4	91.7	91.9	92.2	92.2	92.5	92.9
	75.3	78.6	81.8	88.3	89.7	90.1	91.6	91.9	92.2	92.4	92.4	92.7	93.1
	75.3	78.7	81.9	88.4	89.8	90.2	91.7	92.0	92.3	92.5	92.5	92.8	93.2
	75.7	79.1	82.4	89.4	90.8	91.2	92.7	93.0	93.2	93.4	93.4	93.8	94.2
	75.9	79.5	82.8	90.0	91.4	91.8	93.3	93.7	93.9	94.1	94.1	94.4	94.8
	76.0	80.0	83.4	90.9	92.4	92.8	94.3	94.6	94.9	95.2	95.2	95.5	95.9
	76.0	80.0	83.4	91.0	92.6	93.0	94.5	94.8	95.1	95.4	95.4	95.7	96.1
	76.5	80.5	84.0	91.6	93.2	93.7	95.2	95.5	95.7	96.0	96.0	96.3	96.8
	76.5	80.6	84.1	91.9	93.7	94.1	95.6	95.9	96.1	96.5	96.5	96.8	97.2
	76.5	80.9	84.3	92.3	94.0	94.4	95.9	96.2	96.5	96.8	96.8	97.1	97.5
	77.5	80.9	84.5	92.7	94.7	95.2	96.7	97.0	97.2	97.5	97.5	97.8	98.3
	77.6	81.0	84.6	93.2	95.4	95.8	97.3	97.6	97.8	98.2	98.2	98.5	98.9
	77.6	81.1	84.7	93.4	95.6	96.0	97.5	97.8	98.1	98.4	98.4	98.7	99.1
	77.6	81.2	84.8	93.5	95.7	96.1	97.6	98.0	98.2	98.8	98.8	99.1	99.6
	77.6	81.2	84.8	93.5	95.7	96.1	97.6	98.0	98.2	98.8	98.8	99.1	99.7
	77.6	81.2	84.8	93.5	95.7	96.1	97.6	98.0	98.2	98.8	98.8	99.1	100.0

939

OPERATING LOCATION MAH — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVATIONS

STATION NUMBER: 724295 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: AUG HOURS: 06-

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	21.2	23.5	27.5	32.3	37.2	39.4	45.6	49.6	50.1	51.9	52.5	52.6	5
GE 20000	22.4	25.2	29.7	34.7	40.1	42.4	50.0	54.6	55.2	57.4	58.3	58.4	5
GE 18000	22.4	25.2	29.7	34.7	40.1	42.4	50.0	54.6	55.2	57.4	58.3	58.4	5
GE 16000	22.4	25.2	29.7	34.7	40.1	42.4	50.0	54.6	55.2	57.4	58.3	58.4	5
GE 14000	22.6	25.4	29.9	34.9	40.3	42.6	50.2	54.9	55.5	57.7	58.7	58.8	5
GE 12000	23.1	25.9	30.5	35.7	41.2	43.4	51.1	55.8	56.3	58.6	59.6	59.7	5
GE 10000	23.6	26.9	31.9	37.5	44.0	47.2	55.3	60.4	61.2	63.5	64.5	64.6	6
GE 9000	24.4	27.7	33.0	38.6	45.1	48.4	56.7	61.8	62.5	64.9	65.9	66.0	6
GE 8000	25.6	29.5	35.8	42.5	49.5	53.3	61.9	67.7	68.6	71.3	72.5	72.7	7
GE 7000	25.9	29.8	36.2	42.9	50.0	54.1	62.7	68.6	69.5	72.2	73.3	73.5	7
GE 6000	26.1	30.0	36.5	43.3	50.5	54.7	63.3	69.2	70.1	72.9	74.1	74.3	7
GE 5000	27.0	30.9	37.3	44.5	51.9	56.2	64.8	71.0	71.8	74.7	75.9	76.2	7
GE 4500	27.5	31.6	38.2	45.6	53.1	57.5	66.2	72.4	73.2	76.1	77.3	77.6	7
GE 4000	29.1	32.6	39.4	46.9	54.5	59.4	68.5	74.9	75.8	78.7	79.9	80.2	8
GE 3500	29.4	33.0	40.0	47.5	55.5	60.3	69.3	76.1	77.0	80.0	81.2	81.5	8
GE 3000	29.0	33.9	41.0	48.7	57.0	61.9	71.6	78.0	78.8	81.9	83.1	83.4	8
GE 2500	29.5	34.5	41.6	49.4	57.6	62.7	72.5	78.9	79.9	83.2	84.4	84.7	8
GE 2000	29.8	34.9	42.3	50.0	58.5	63.9	73.7	80.3	81.4	84.8	86.1	86.5	8
GE 1800	29.8	34.9	42.3	50.0	58.5	63.9	73.7	80.3	81.4	84.8	86.1	86.5	8
GE 1500	30.1	35.7	43.0	50.8	59.2	64.7	74.7	81.6	82.3	85.6	87.0	87.2	8
GE 1200	30.4	36.1	43.5	51.3	59.8	65.3	75.6	82.7	84.0	87.7	89.0	89.4	9
GE 1000	30.4	36.1	43.6	51.7	60.2	65.9	76.7	84.1	85.7	89.5	90.8	91.1	9
GE 900	30.4	36.1	43.9	51.8	60.3	66.1	76.9	84.4	86.0	89.8	91.1	91.4	9
GE 800	30.4	36.2	44.1	52.2	60.6	66.5	77.2	84.9	86.5	90.5	91.8	92.2	9
GE 700	30.4	36.3	44.2	52.4	60.9	66.7	77.5	85.4	87.0	91.0	92.4	92.7	9
GE 600	30.4	36.3	44.2	52.4	60.9	66.7	77.6	85.5	87.1	91.3	92.8	93.1	9
GE 500	30.4	36.3	44.2	52.5	61.1	67.0	78.3	86.3	88.0	92.3	93.8	94.1	9
GE 400	30.4	36.3	44.2	52.5	61.1	67.0	78.5	86.7	88.3	92.5	94.2	94.5	9
GE 300	30.4	36.3	44.2	52.5	61.1	67.0	78.5	86.7	88.3	92.8	94.4	94.7	9
GE 200	30.4	36.3	44.2	52.5	61.1	67.0	78.5	86.7	88.3	92.8	94.5	94.8	9
GE 100	30.4	36.3	44.2	52.5	61.1	67.0	78.5	86.7	88.3	92.8	94.5	94.8	9
GE 000	30.4	36.3	44.2	52.5	61.1	67.0	78.5	86.7	88.3	92.8	94.5	94.8	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: AUG HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES											
GE	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	37.2	39.4	45.6	49.6	50.1	51.9	52.5	52.6	53.1	53.5	53.9	54.1
[illegible]	40.1	42.4	50.0	54.5	55.2	57.4	58.3	58.4	59.0	59.5	59.8	60.2
[illegible]	40.1	42.4	50.0	54.6	55.2	57.4	58.3	58.4	59.0	59.5	59.8	60.2
[illegible]	40.1	42.4	50.0	54.6	55.2	57.4	58.3	58.4	59.0	59.5	59.8	60.2
[illegible]	40.3	42.6	50.2	54.8	55.5	57.7	58.7	58.8	59.5	59.9	60.2	60.6
[illegible]	41.2	43.4	51.1	55.3	56.3	58.6	59.6	59.7	60.3	60.8	61.1	61.5
[illegible]	44.0	47.2	55.3	60.4	61.2	63.5	64.5	64.6	65.3	65.7	66.0	66.5
[illegible]	45.1	48.4	56.7	61.9	62.6	64.9	65.9	66.0	66.7	67.1	67.4	67.8
[illegible]	48.5	53.3	61.4	67.7	68.6	71.3	72.5	72.7	73.3	73.8	74.1	74.5
[illegible]	50.0	54.1	62.7	68.6	69.5	72.2	73.3	73.5	74.2	74.6	74.9	75.4
[illegible]	50.5	54.7	63.3	69.2	70.1	72.9	74.1	74.3	74.9	75.4	75.7	76.1
[illegible]	51.9	56.2	64.8	71.0	71.[illegible]	74.7	75.9	76.2	76.9	77.3	77.6	78.1
[illegible]	53.1	57.5	66.2	73.4	73.2	76.1	77.3	77.6	78.3	78.7	79.0	79.5
[illegible]	54.5	59.4	68.5	75.9	75.8	78.7	79.9	80.2	81.0	81.4	81.7	82.2
[illegible]	55.5	60.3	69.3	76.1	77.0	80.0	81.2	81.5	82.3	82.7	83.0	83.4
[illegible]	57.0	61.9	71.5	78.0	78.8	81.9	83.1	83.4	84.2	84.6	84.9	85.4
[illegible]	57.5	62.7	72.5	78.9	79.9	83.2	84.4	84.7	85.5	85.9	86.2	86.7
[illegible]	58.3	63.9	73.7	80.3	81.4	84.8	86.1	86.5	87.2	87.7	88.1	88.5
[illegible]	58.5	63.9	73.7	80.3	81.4	84.8	86.1	86.5	87.2	87.7	88.1	88.5
[illegible]	59.2	64.7	74.7	81.6	82.8	86.6	87.8	88.2	89.0	89.6	89.9	90.3
[illegible]	59.8	65.3	75.6	82.7	84.0	87.7	89.0	89.4	90.2	90.8	91.1	91.5
[illegible]	60.2	65.9	76.7	84.1	85.7	89.5	90.8	91.1	92.0	92.6	92.9	93.3
[illegible]	60.3	66.1	76.8	84.4	86.0	89.5	91.1	91.4	92.4	92.9	93.2	93.7
[illegible]	60.6	66.5	77.2	84.9	86.5	90.5	91.8	92.2	93.1	93.7	94.0	94.4
[illegible]	60.9	66.7	77.5	85.4	87.0	91.0	92.4	92.7	93.7	94.2	94.5	94.9
[illegible]	61.4	66.7	77.6	85.5	87.1	91.3	92.8	93.1	94.1	94.6	94.9	95.5
[illegible]	61.1	67.0	77.8	85.8	87.5	91.8	93.0	93.4	94.2	94.7	95.0	95.6
[illegible]	61.1	67.0	78.0	86.0	87.8	92.0	93.2	93.6	94.5	95.0	95.3	95.9

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724280 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: AUG HOURS: 09

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	29.5	35.9	41.7	45.9	49.5	51.7	52.9	53.1	53.1	53.3	53.3	
GE 20000	32.4	38.9	45.4	50.4	55.2	57.4	58.7	58.9	58.9	59.1	59.1	
GE 18000	32.4	38.9	45.4	50.4	55.2	57.4	58.7	58.9	58.9	59.1	59.1	
GE 16000	32.4	38.9	45.4	50.4	55.2	57.4	58.7	58.9	58.9	59.1	59.1	
GE 14000	32.6	39.2	45.9	51.0	55.8	58.2	59.6	59.8	59.8	60.0	60.0	
GE 12000	33.0	39.8	46.6	51.7	56.9	59.2	60.6	61.0	61.0	61.2	61.2	
GE 10000	33.3	40.2	48.1	53.9	60.1	62.7	64.3	64.6	64.6	64.8	64.8	
GE 9000	34.4	41.5	49.3	54.5	61.2	63.8	65.5	65.8	65.8	66.0	66.0	
GE 8000	36.5	44.0	52.3	59.0	66.3	69.0	71.0	71.3	71.3	71.5	71.5	
GE 7000	37.0	45.7	53.5	59.8	67.1	69.8	71.7	72.0	72.0	72.3	72.3	
GE 6000	37.2	45.9	53.7	60.1	67.4	70.2	72.3	72.7	72.5	73.0	73.0	
GE 5000	38.3	47.1	55.2	61.5	69.0	71.8	74.0	74.4	74.5	74.7	74.7	
GE 4500	38.7	48.1	56.5	62.9	70.3	73.2	75.4	75.8	75.9	76.1	76.1	
GE 4000	40.4	50.2	58.9	66.1	74.2	77.2	79.4	79.9	80.0	80.2	80.2	
GE 3500	43.9	54.9	64.2	72.5	81.3	84.5	86.8	87.3	87.4	87.6	87.6	
GE 3000	47.0	58.3	68.5	77.2	86.2	89.4	91.7	92.2	92.4	92.6	92.6	
GE 2500	48.3	59.8	70.2	79.3	88.5	91.8	94.2	94.7	94.9	95.1	95.1	
GE 2000	49.3	61.4	72.0	81.4	90.9	94.3	96.7	97.2	97.4	97.6	97.6	
GE 1800	49.8	62.4	73.1	82.7	92.3	95.7	98.2	98.7	98.9	99.1	99.1	
GE 1500	50.3	63.1	74.1	83.7	93.4	96.8	99.3	99.8	100.0	100.2	100.2	
GE 1200	51.0	64.1	75.3	85.1	94.9	98.3	100.8	101.3	101.5	101.7	101.7	
GE 1000	51.2	64.3	75.5	85.3	95.1	98.5	101.0	101.5	101.7	101.9	101.9	
GE 900	51.2	64.3	75.5	85.3	95.1	98.5	101.0	101.5	101.7	101.9	101.9	
GE 800	51.2	64.3	75.5	85.3	95.1	98.5	101.0	101.5	101.7	101.9	101.9	
GE 700	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	
GE 600	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	
GE 500	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	
GE 400	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	
GE 300	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	1
GE 200	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	1
GE 100	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	1
GE 000	51.3	64.4	75.6	85.4	95.2	98.6	101.1	101.6	101.8	102.0	102.0	1

TOTAL NUMBER OF OBSERVATIONS 980

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
UTC: + 5 MONTH: AUG HOURS: 09-11

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	49.5	51.7	52.9	53.1	53.1	53.1	53.3	53.3	53.4	53.4	53.4	53.4
[illegible]	55.2	57.4	58.7	58.9	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2
[illegible]	55.2	57.4	58.7	58.9	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2
[illegible]	55.2	57.4	58.7	58.9	58.9	58.9	59.1	59.1	59.2	59.2	59.2	59.2
[illegible]	55.3	59.2	59.6	59.8	59.8	59.8	60.0	60.0	60.1	60.1	60.1	60.1
1.7	56.9	59.2	60.6	61.0	61.0	61.0	61.2	61.2	61.3	61.3	61.3	61.3
[illegible]	60.1	62.7	64.3	64.6	64.6	64.6	64.9	64.8	64.9	64.9	64.9	64.9
[illegible]	61.2	63.8	65.5	65.8	65.8	65.8	66.0	66.0	66.1	66.1	66.1	66.1
[illegible]	66.3	69.0	71.0	71.3	71.3	71.3	71.5	71.5	71.6	71.6	71.6	71.6
[illegible]	67.1	69.8	71.7	72.0	72.0	72.0	72.3	72.3	72.4	72.4	72.4	72.4
[illegible]	67.4	70.2	72.3	72.7	72.8	72.8	73.0	73.0	73.1	73.1	73.1	73.1
[illegible]	73.0	71.8	74.0	74.4	74.5	74.5	74.7	74.7	74.9	74.8	74.8	74.8
[illegible]	70.3	73.2	75.4	75.8	75.9	75.9	76.1	76.1	76.2	76.2	76.2	76.2
[illegible]	74.2	77.2	79.4	79.9	80.0	80.0	80.2	80.2	80.4	80.4	80.4	80.4
[illegible]	75.5	78.5	80.6	81.3	81.4	81.5	81.7	81.7	81.9	81.9	81.9	81.9
[illegible]	79.2	81.4	83.7	84.4	84.6	84.8	85.1	85.1	85.4	85.4	85.4	85.4
[illegible]	79.5	82.7	84.9	85.7	85.9	86.1	86.3	86.3	86.7	86.7	86.7	86.7
[illegible]	81.4	84.8	87.2	88.0	88.2	88.4	88.6	88.6	88.9	88.9	88.9	88.9
[illegible]	81.6	85.1	87.4	88.2	88.4	88.6	88.8	88.8	89.1	89.1	89.1	89.1
[illegible]	83.7	87.1	89.6	90.4	90.5	90.9	91.1	91.1	91.4	91.4	91.4	91.4
[illegible]	86.5	90.2	92.9	93.8	94.0	94.2	94.5	94.5	94.8	94.8	94.8	94.8
[illegible]	87.7	91.5	94.6	95.6	95.8	96.0	96.3	96.3	96.7	96.7	96.7	96.7
[illegible]	88.0	91.7	94.8	95.8	96.0	96.3	96.7	96.7	97.0	97.0	97.0	97.0
[illegible]	88.4	92.3	95.5	96.5	96.7	97.0	97.3	97.3	97.6	97.6	97.6	97.6
[illegible]	89.0	93.0	96.3	97.3	97.5	97.8	98.2	98.2	98.5	98.5	98.5	98.5
[illegible]	89.0	93.0	96.5	97.4	97.6	98.1	98.4	98.4	98.7	98.7	98.7	98.7
[illegible]	89.2	93.2	97.2	98.2	98.4	98.8	99.1	99.1	99.5	99.5	99.5	99.5
[illegible]	89.2	93.2	97.2	98.2	98.5	98.9	99.4	99.4	99.7	99.7	99.7	99.7
[illegible]	89.2	93.2	97.4	98.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0
[illegible]	89.2	93.2	97.4	98.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0
[illegible]	89.2	93.2	97.4	98.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0
[illegible]	89.2	93.2	97.4	98.4	98.7	99.1	99.7	99.7	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: AUG HOURS: 12-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	35.1	40.4	44.0	46.2	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47
GE 20000	40.0	45.3	50.1	53.2	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54
GE 18000	40.3	45.5	50.3	53.4	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55
GE 16000	40.3	46.5	50.3	53.4	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55
GE 14000	40.4	46.6	50.6	53.7	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55
GE 12000	41.3	47.6	52.0	55.3	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57
GE 10000	43.7	50.1	55.3	59.0	60.6	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61
GE 9000	44.2	50.6	56.2	59.9	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62
GE 8000	46.1	53.0	58.8	62.5	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65
GE 7000	45.5	53.5	59.3	63.2	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65
GE 6000	46.8	53.9	59.7	63.6	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66
GE 5000	47.1	55.0	61.0	64.9	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67
GE 4500	49.0	55.4	62.0	66.0	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68
GE 4000	50.3	58.3	66.1	70.3	74.0	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74
GE 3500	52.3	61.1	69.0	74.2	77.8	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79
GE 3000	57.3	66.4	77.0	83.1	87.4	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89
GE 2500	59.6	71.0	82.7	88.7	91.3	92.6	93.1	93.1	93.1	93.2	93.2	93.2	93
GE 2000	60.6	72.1	84.0	90.2	93.0	94.3	94.8	94.8	94.8	94.9	94.9	94.9	94
GE 1800	60.9	72.6	84.5	90.8	93.6	94.9	95.5	95.5	95.5	95.6	95.6	95.6	95
GE 1600	61.0	74.1	86.1	90.3	95.2	96.4	97.1	97.1	97.2	97.3	97.3	97.3	97
GE 1200	62.6	74.9	86.8	91.1	96.0	97.3	98.0	98.1	98.2	98.4	98.5	98.5	98
GE 1000	62.7	74.9	86.1	91.4	96.6	97.9	98.7	98.9	99.0	99.2	99.4	99.4	9
GE 900	62.8	74.9	86.3	91.5	96.7	98.0	98.8	99.1	99.2	99.5	99.6	99.6	9
GE 800	62.8	74.9	86.3	91.5	96.7	98.0	98.8	99.1	99.2	99.5	99.6	99.6	9
GE 700	62.8	74.9	86.3	91.5	96.7	98.1	98.9	99.2	99.4	99.6	99.7	99.7	99
GE 600	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99
GE 500	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.7	99.8	99.8	9
GE 400	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100
GE 300	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100
GE 200	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100
GE 100	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100
GE 000	62.9	74.9	86.3	91.5	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100

TOTAL NUMBER OF OBSERVATIONS 929

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 75 - FEB 88
TC: + 5 MONTH: AUG HOURS: 12-14

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	47.1	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3	47.3
	54.4	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8	54.8
	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
	54.6	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0	55.0
	55.1	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5	55.5
	56.7	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2	57.2
	60.5	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
	61.5	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0	62.0
	64.7	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1	65.1
	65.2	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7	65.7
	65.8	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2	66.2
	67.1	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5	67.5
	68.1	68.7	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8	68.8
	74.0	74.5	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
	77.8	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
	87.4	88.6	89.1	89.1	89.1	89.1	89.1	89.1	89.2	89.2	89.2	89.2
	91.8	92.5	93.1	93.1	93.1	93.2	93.2	93.2	93.3	93.3	93.3	93.3
	93.0	94.3	94.8	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
	93.6	94.9	95.5	95.5	95.5	95.6	95.6	95.6	95.7	95.7	95.7	95.7
	95.2	96.4	97.1	97.1	97.2	97.3	97.3	97.3	97.4	97.4	97.4	97.4
	96.0	97.3	98.0	98.1	98.2	98.4	98.5	98.5	98.6	98.6	98.6	98.6
	96.6	97.8	98.7	98.9	99.0	99.2	99.4	99.4	99.5	99.5	99.5	99.5
	96.7	98.0	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
	96.7	98.0	98.8	99.1	99.2	99.5	99.6	99.6	99.7	99.7	99.7	99.7
	96.7	98.1	98.9	99.2	99.4	99.6	99.7	99.7	99.8	99.8	99.8	99.8
	96.7	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
	96.7	98.2	99.0	99.4	99.5	99.7	99.8	99.8	99.9	99.9	99.9	99.9
	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0
	96.7	98.2	99.0	99.4	99.5	99.8	99.9	99.9	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: AUG HOURS: 15

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	40.3	46.3	50.3	51.8	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	47.3	53.5	58.0	60.0	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	47.5	53.9	58.2	60.2	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	47.5	53.9	58.2	60.2	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	47.6	53.9	58.3	60.4	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	48.3	54.7	59.4	61.5	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	49.8	57.0	62.0	64.9	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	51.3	58.5	64.0	67.2	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	54.5	61.7	68.0	71.7	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	55.4	62.6	69.3	72.8	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	55.6	62.8	69.4	73.4	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	56.3	63.8	70.6	75.1	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4500	56.7	64.4	71.5	76.1	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	58.5	66.0	73.5	80.8	81.9	82.7	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	61.5	70.9	78.8	84.3	85.5	86.3	86.6	86.9	86.9	86.9	86.9	86.9
GE 3000	66.6	76.2	85.1	91.1	92.6	93.7	94.2	94.5	94.5	94.6	94.6	94.6
GE 2500	67.3	77.6	86.6	92.3	94.3	95.4	95.9	96.3	96.3	96.5	96.5	96.5
GE 2000	67.6	78.2	87.1	93.5	95.3	96.3	96.9	97.3	97.3	97.4	97.4	97.4
GE 1800	67.6	78.2	87.1	93.5	95.3	96.3	96.9	97.3	97.3	97.4	97.4	97.4
GE 1500	67.7	78.5	87.5	94.1	96.1	97.2	97.7	98.4	98.4	98.7	98.7	98.7
GE 1200	68.1	79.1	88.1	94.6	96.7	97.7	98.3	98.9	98.9	99.2	99.2	99.2
GE 1000	68.5	79.5	88.5	95.2	97.2	98.3	98.3	99.5	99.5	99.8	99.8	99.8
GE 900	68.5	79.5	88.5	95.2	97.2	98.3	98.3	99.5	99.5	99.5	99.5	99.5
GE 800	68.6	79.7	88.6	95.3	97.3	98.4	98.9	99.6	99.6	99.9	99.9	99.9
GE 700	68.6	79.7	88.6	95.3	97.3	98.4	98.9	99.6	99.6	99.9	99.9	99.9
GE 600	68.6	79.7	88.6	95.3	97.3	98.4	98.9	99.6	99.6	99.9	99.9	99.9
GE 500	68.6	79.7	88.6	95.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0 1
GE 400	68.6	79.7	88.6	95.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0 1
GE 300	68.6	79.7	88.6	95.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0 1
GE 200	68.6	79.7	88.6	95.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0 1
GE 100	68.6	79.7	88.6	95.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0 1
GE 000	68.6	79.7	88.6	95.3	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0 1

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: AUG HOURS: 15-17

CEILING	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22000	52.5	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8	52.8
GE 20000	60.8	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3	61.3
GE 18000	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 16000	61.0	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5	61.5
GE 14000	61.2	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7	61.7
GE 12000	62.3	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8	62.8
GE 10000	65.7	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 9000	68.0	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
GE 8000	72.5	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1	73.1
GE 7000	73.5	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
GE 6000	74.2	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8	74.8
GE 5000	75.9	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5	76.5
GE 4500	77.0	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6	77.6
GE 4000	81.9	82.7	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
GE 3500	85.5	86.3	86.8	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9	86.9
GE 3000	92.6	93.7	94.2	94.5	94.5	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
GE 2500	94.3	95.4	95.9	96.3	96.3	96.5	96.5	96.5	96.5	96.5	96.5	96.5	96.5
GE 2000	95.3	96.3	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1800	95.3	96.3	96.9	97.3	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
GE 1600	96.1	97.2	97.7	98.4	98.4	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
GE 1400	96.7	97.7	98.3	98.9	98.9	99.2	99.2	99.2	99.2	99.2	99.2	99.2	99.2
GE 1200	97.2	98.3	98.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 1000	97.2	98.3	98.3	99.5	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
GE 900	97.3	98.4	98.9	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 800	97.3	98.4	98.9	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 700	97.3	98.4	98.9	99.6	99.6	99.9	99.9	99.9	99.9	99.9	99.9	99.9	99.9
GE 600	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 500	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 400	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 300	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 200	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 100	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
GE 0	97.4	98.5	99.0	99.7	99.7	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: AUG HOURS: 18

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	
NO CEIL	41.4	47.2	51.7	54.1	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	5
GE 20000	48.5	55.4	61.1	64.4	66.0	66.6	66.7	66.7	66.7	66.7	66.7	66.7	6
GE 18000	48.5	55.4	61.1	64.4	66.0	66.6	66.7	66.7	66.7	66.7	66.7	66.7	6
GE 16000	48.5	55.4	61.1	64.4	66.0	66.6	66.7	66.7	66.7	66.7	66.7	66.7	6
GE 14000	48.6	55.6	61.3	64.6	66.2	66.8	67.0	67.0	67.0	67.0	67.0	67.0	6
GE 12000	49.5	56.5	62.6	66.1	67.7	68.4	68.6	68.6	68.6	68.6	68.6	68.6	6
GE 10000	51.3	59.0	65.4	69.2	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	7
GE 9000	52.5	60.4	67.1	71.3	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.5	7
GE 8000	57.5	66.2	73.7	78.6	80.9	81.6	81.9	81.9	81.9	81.9	81.9	81.9	8
GE 7000	58.2	66.9	74.3	79.4	81.8	82.6	82.9	82.9	82.9	82.9	82.9	82.9	8
GE 6000	58.4	67.1	74.7	79.9	82.4	83.1	83.4	83.4	83.4	83.4	83.4	83.4	8
GE 5000	59.6	68.5	76.1	81.3	84.0	84.7	85.1	85.3	85.4	85.4	85.4	85.4	8
GE 4500	60.4	69.5	77.5	82.8	85.6	86.3	86.8	87.0	87.1	87.1	87.1	87.1	8
GE 4000	62.7	73.1	81.3	86.9	90.0	90.8	91.2	91.5	91.6	91.6	91.6	91.6	9
GE 3500	63.9	74.4	82.6	88.5	91.7	92.6	93.0	93.3	93.4	93.4	93.5	93.5	9
GE 3000	65.1	75.9	84.3	90.5	93.6	94.6	95.2	95.6	95.7	95.7	95.8	95.8	9
GE 2500	65.3	76.3	84.8	91.1	94.7	95.6	96.2	96.7	96.8	96.8	96.9	96.9	9
GE 2000	65.6	76.7	85.3	91.7	95.5	96.5	97.1	97.5	97.6	97.6	97.7	97.7	9
GE 1800	65.7	76.8	85.4	91.8	95.5	96.5	97.2	97.6	97.7	97.7	98.0	98.0	9
GE 1500	66.1	76.9	85.6	92.2	96.3	97.3	98.0	98.4	98.5	98.6	98.8	98.8	9
GE 1200	66.0	77.1	85.6	92.5	96.7	97.6	98.3	98.7	98.8	99.0	99.2	99.2	9
GE 1000	66.2	77.3	86.0	92.7	96.9	97.8	98.5	98.9	99.0	99.5	99.7	99.7	9
GE 900	66.2	77.3	86.0	92.7	96.9	97.8	98.5	98.9	99.0	99.5	99.7	99.7	9
GE 800	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 700	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 600	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 500	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 400	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 300	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 200	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 100	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10
GE 000	66.2	77.3	86.0	92.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	10

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: AUG HOURS: 18-20

	VISIBILITY IN STATUTE MILES											
	GE 5	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	54.9	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3	55.3
.0	55.0	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
.0	55.0	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
.4	55.0	66.6	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7	66.7
.5	65.2	66.3	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0	67.0
.1	67.7	68.4	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6	68.6
.2	71.3	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4	72.4
.3	73.4	74.2	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5	74.5
.5	80.9	81.6	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9	81.9
.6	81.8	82.6	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9	82.9
.7	82.4	83.1	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4	83.4
.2	84.0	84.7	85.1	85.3	85.4	85.4	85.4	85.4	85.4	85.4	85.4	85.4
.3	86.5	86.3	86.8	87.0	87.1	87.1	87.1	87.1	87.1	87.1	87.1	87.1
.4	90.0	90.8	91.2	91.5	91.6	91.6	91.6	91.6	91.7	91.7	91.7	91.7
.5	91.7	92.6	93.0	93.3	93.4	93.4	93.5	93.5	93.7	93.7	93.7	93.7
.6	93.6	94.6	95.2	95.6	95.7	95.7	95.8	95.8	95.9	95.9	95.9	95.9
.1	94.7	95.6	96.2	96.7	96.8	96.8	96.9	96.9	97.0	97.0	97.0	97.0
.2	95.5	96.5	97.1	97.5	97.6	97.6	97.7	97.7	97.8	97.8	97.8	97.8
.3	95.6	96.6	97.2	97.6	97.7	97.7	98.0	98.0	98.1	98.1	98.1	98.1
.2	96.3	97.3	98.0	98.4	98.5	98.6	98.8	98.8	99.0	99.0	99.0	99.0
.5	96.7	97.6	98.3	98.7	98.8	99.0	99.2	99.2	99.5	99.5	99.5	99.5
.7	96.9	97.8	98.5	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9
.7	96.9	97.8	98.5	98.9	99.0	99.5	99.7	99.7	99.9	99.9	99.9	99.9
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0
.7	97.0	98.0	98.6	99.0	99.1	99.6	99.8	99.8	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: AUG HOURS: 1

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	43.9	49.8	54.9	60.2	63.4	64.0	64.1	64.1	64.1	64.1	64.1	64.1
GE 20000	48.3	55.2	61.1	67.7	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0
GE 18000	48.4	55.3	61.2	67.8	72.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1
GE 16000	48.4	55.3	61.2	67.8	72.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1
GE 14000	48.4	55.3	61.2	67.8	72.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2
GE 12000	48.6	55.7	61.8	68.5	73.1	73.8	74.1	74.1	74.1	74.1	74.1	74.1
GE 10000	49.4	57.0	63.2	71.0	76.3	77.5	77.8	78.0	78.0	78.0	78.0	78.0
GE 9000	50.3	57.5	63.8	71.6	76.9	78.2	78.5	78.7	78.7	78.7	78.7	78.7
GE 8000	53.2	61.2	68.6	77.5	83.8	85.1	85.6	85.7	85.7	85.7	85.7	85.7
GE 7000	54.0	61.9	69.4	78.4	84.5	86.0	86.6	86.7	86.7	86.7	86.7	86.7
GE 6000	54.4	62.4	69.8	78.9	85.1	86.6	87.1	87.2	87.2	87.2	87.2	87.2
GE 5000	55.4	63.3	70.8	79.9	86.0	87.5	88.1	88.2	88.2	88.2	88.2	88.2
GE 4500	55.8	64.0	71.4	80.3	87.0	88.5	89.0	89.1	89.1	89.1	89.1	89.1
GE 4000	58.4	66.9	74.5	84.3	90.6	92.3	92.8	92.9	92.9	92.9	92.9	92.9
GE 3500	59.4	68.1	75.8	85.7	92.0	93.7	94.2	94.3	94.3	94.4	94.4	94.4
GE 3000	60.4	69.2	77.0	87.4	94.2	95.8	96.3	96.5	96.6	96.7	96.8	96.8
GE 2500	60.5	69.4	77.2	87.7	94.6	96.3	97.0	97.1	97.2	97.3	97.4	97.4
GE 2000	60.5	69.5	77.4	88.1	95.1	96.9	97.4	97.5	97.6	97.7	97.8	97.8
GE 1800	60.5	69.5	77.4	88.1	95.1	96.9	97.4	97.5	97.6	97.7	97.8	97.8
GE 1500	60.6	69.6	77.5	88.2	95.3	97.1	97.6	97.7	97.8	98.0	98.1	98.1
GE 1200	60.6	69.6	77.5	88.3	95.5	97.3	97.8	98.0	98.1	98.3	98.4	98.4
GE 1000	60.9	69.8	77.7	88.5	95.7	97.5	98.2	98.3	98.4	98.8	98.9	98.9
GE 900	61.0	69.9	77.8	88.7	95.9	97.7	98.4	98.5	98.6	99.0	99.1	99.1
GE 800	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5
GE 700	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5
GE 600	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5
GE 500	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5
GE 400	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6
GE 300	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6
GE 200	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6
GE 100	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6
GE 000	61.3	70.2	78.2	89.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: AUG HOURS: 21-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	64.2	63.4	64.0	64.1	64.1	64.1	64.1	64.1	64.1	64.2	64.3	64.4
	72.7	72.2	72.7	73.0	73.0	73.0	73.0	73.0	73.0	73.1	73.2	73.3
	72.8	72.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.4
	72.8	72.3	72.8	73.1	73.1	73.1	73.1	73.1	73.1	73.2	73.3	73.4
	72.8	72.4	72.9	73.2	73.2	73.2	73.2	73.2	73.2	73.3	73.4	73.5
	73.5	73.1	73.8	74.1	74.1	74.1	74.1	74.1	74.1	74.2	74.3	74.4
	76.2	75.3	77.5	77.8	78.0	78.0	78.0	78.0	78.0	78.1	78.2	78.3
	78.5	76.9	78.2	78.5	78.7	78.7	78.7	78.7	78.7	78.8	78.9	79.0
	87.5	83.8	85.1	85.6	85.7	85.7	85.7	85.7	85.7	85.8	85.9	86.0	
	87.6	84.5	86.0	86.6	86.7	86.7	86.7	86.7	86.7	86.8	86.9	87.0
	87.6	85.1	86.6	87.1	87.2	87.2	87.2	87.2	87.2	87.3	87.4	87.5
	88.1	85.9	87.5	88.1	88.2	88.2	88.2	88.2	88.2	88.3	88.4	88.5
	89.0	87.0	88.5	89.0	89.1	89.1	89.1	89.1	89.1	89.2	89.4	89.5
	92.4	90.6	92.3	92.8	92.9	92.9	92.9	92.9	92.9	93.0	93.1	93.2
	93.7	92.0	93.7	94.2	94.3	94.3	94.4	94.4	94.4	94.5	94.6	94.7
	96.1	94.2	95.8	96.3	96.5	96.6	96.7	96.8	96.8	96.9	97.0	97.1
	97.2	96.6	96.8	97.0	97.1	97.2	97.3	97.4	97.4	97.5	97.6	97.7
	97.1	96.1	96.9	97.4	97.5	97.6	97.7	97.8	97.8	97.9	98.1	98.2
	97.1	96.1	96.9	97.4	97.5	97.6	97.7	97.8	97.8	98.0	98.1	98.2
	97.3	96.3	97.1	97.6	97.7	97.8	98.0	98.1	98.1	98.2	98.3	98.4
	97.3	96.5	97.3	97.8	98.0	98.1	98.3	98.4	98.4	98.5	98.6	98.7
	97.5	96.7	97.5	98.2	98.4	98.8	98.9	98.9	98.9	99.0	99.1	99.2
	97.7	96.9	97.7	98.4	98.5	98.6	99.0	99.1	99.1	99.2	99.4	99.5
	98.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5	99.5	99.6	99.7	99.8
	98.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5	99.5	99.6	99.7	99.8
	98.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5	99.5	99.6	99.7	99.8
	98.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.5	99.5	99.6	99.7	99.8
	98.0	96.2	98.1	98.7	98.8	98.9	99.4	99.5	99.6	99.6	99.7	99.8	99.9
	98.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6	99.6	99.7	99.8	100.0
	98.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6	99.6	99.7	99.8	100.0
	98.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6	99.6	99.7	99.8	100.0
	98.0	96.2	98.1	98.7	98.8	98.9	99.5	99.6	99.6	99.6	99.7	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: AUG HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	34.8	39.5	44.5	48.5	52.1	53.2	54.9	55.6	55.7	56.1	56.2	56.2
GE 20000	38.7	44.1	49.7	54.4	58.7	59.8	61.8	62.6	62.7	63.2	63.3	63.4
GE 18000	38.8	44.1	49.8	54.4	58.8	59.9	61.9	62.7	62.8	63.2	63.4	63.4
GE 16000	38.8	44.1	49.8	54.4	58.9	59.9	61.9	62.7	62.8	63.2	63.4	63.4
GE 14000	39.0	44.3	50.0	54.7	59.1	60.3	62.3	63.1	63.2	63.6	63.8	63.9
GE 12000	39.5	45.0	50.9	55.7	60.2	61.4	63.4	64.2	64.3	64.8	64.9	65.0
GE 10000	41.2	47.0	53.3	58.1	64.0	65.5	67.7	68.6	68.8	69.2	69.4	69.4
GE 9000	41.9	47.7	54.3	59.3	65.1	66.7	68.9	69.9	70.0	70.5	70.7	70.7
GE 8000	44.3	51.2	58.5	64.3	70.5	72.3	74.8	75.8	76.0	76.5	76.7	76.7
GE 7000	45.4	51.9	59.1	65.5	71.3	73.1	75.6	76.6	76.8	77.3	77.5	77.6
GE 6000	45.6	52.1	59.5	65.9	71.8	73.6	76.1	77.1	77.3	77.9	78.1	78.1
GE 5000	46.5	53.2	60.7	67.3	73.2	75.1	77.6	78.7	78.9	79.4	79.7	79.7
GE 4500	47.1	53.9	61.6	68.3	74.3	76.2	78.8	79.9	80.1	80.7	80.9	81.0
GE 4000	48.9	56.3	64.3	71.5	78.0	80.1	82.9	84.0	84.2	84.8	85.0	85.0
GE 3500	49.3	57.6	65.9	73.3	80.1	82.2	85.0	86.2	86.4	87.0	87.2	87.3
GE 3000	52.0	60.2	68.7	76.5	83.6	85.9	88.8	90.1	90.3	91.0	91.2	91.3
GE 2500	52.6	60.9	69.7	77.7	84.9	87.3	90.3	91.5	91.8	92.5	92.7	92.8
GE 2000	53.3	61.4	70.3	78.5	85.8	88.3	91.3	92.6	92.9	93.6	93.8	93.9
GE 1800	53.5	61.6	70.5	78.6	86.0	88.4	91.4	92.8	93.0	93.7	94.0	94.1
GE 1500	53.4	62.1	71.1	79.3	86.8	89.3	92.4	93.9	94.1	94.9	95.2	95.3
GE 1200	53.8	62.6	71.6	79.9	87.6	90.1	93.3	94.8	95.1	95.9	96.2	96.3
GE 1000	54.0	62.9	72.2	80.3	88.1	90.7	94.1	95.5	95.8	96.9	97.2	97.2
GE 900	54.1	63.0	72.3	80.4	88.2	90.8	94.2	95.6	95.9	97.0	97.3	97.4
GE 800	54.1	63.0	72.2	80.5	88.5	91.1	94.5	95.9	96.2	97.4	97.7	97.8
GE 700	54.1	62.9	72.2	80.7	88.6	91.2	94.7	96.0	96.3	97.7	98.0	98.1
GE 600	54.1	62.9	72.2	80.7	88.7	91.3	94.8	96.5	96.9	97.8	98.1	98.2
GE 500	54.1	62.9	72.2	80.7	88.7	91.4	95.1	96.4	97.2	98.2	98.5	98.6
GE 400	54.1	62.9	72.2	80.7	88.8	91.4	95.2	96.9	97.3	98.3	98.7	98.7
GE 300	54.1	62.9	72.2	80.7	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.8
GE 200	54.1	62.9	72.2	80.7	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.9
GE 100	54.1	62.9	72.2	80.7	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.9
GE 000	54.1	62.9	72.2	80.7	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.9

TOTAL NUMBER OF OBSERVATIONS 7439

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH
TI UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG HOURS: ALL

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	[illegible]	52.1	53.2	54.9	55.6	55.7	56.1	56.2	56.2	56.4	56.4	56.6	56.7
	[illegible]	58.7	59.8	61.8	62.6	62.7	63.2	63.3	63.4	63.5	63.6	63.7	63.9
	[illegible]	58.8	59.9	61.9	62.7	62.8	63.2	63.4	63.4	63.6	63.7	63.8	64.0
	[illegible]	58.8	59.9	61.9	62.7	62.8	63.2	63.4	63.4	63.6	63.7	63.8	64.0
	[illegible]	59.1	60.3	62.3	63.1	63.2	63.6	63.8	63.9	64.0	64.1	64.2	64.4
	[illegible]	60.2	61.4	63.4	64.2	64.3	64.8	64.9	65.0	65.1	65.2	65.3	65.5
	[illegible]	64.0	65.5	67.7	68.6	68.8	69.2	69.4	69.4	69.6	69.7	69.8	70.0
	[illegible]	65.1	66.7	68.8	69.9	70.0	70.6	70.7	70.7	70.9	70.9	71.1	71.2
	[illegible]	70.5	72.3	74.4	75.8	76.0	76.5	76.7	76.7	76.9	77.0	77.1	77.3
	[illegible]	71.3	73.1	75.5	76.6	76.8	77.3	77.5	77.6	77.7	77.8	77.9	78.1
	[illegible]	71.5	73.6	76.1	77.1	77.3	77.9	78.1	78.1	78.3	78.4	78.5	78.7
	[illegible]	73.2	75.1	77.5	78.7	78.9	79.4	79.7	79.7	79.9	80.0	80.1	80.3
	[illegible]	74.3	76.2	78.5	79.9	80.1	80.7	80.9	81.0	81.1	81.2	81.3	81.5
	[illegible]	78.0	80.1	82.9	84.0	84.2	84.8	85.0	85.0	85.2	85.3	85.4	85.6
	[illegible]	80.1	82.2	85.0	86.2	86.4	87.0	87.2	87.3	87.5	87.6	87.7	87.9
	[illegible]	83.6	86.9	89.8	90.1	90.3	91.0	91.2	91.3	91.5	91.6	91.7	91.9
	[illegible]	84.9	87.3	90.3	91.5	91.7	92.5	92.7	92.8	93.0	93.1	93.2	93.4
	[illegible]	85.8	88.3	91.3	92.6	92.9	93.6	93.8	93.9	94.1	94.2	94.3	94.5
	[illegible]	86.0	88.4	91.4	92.8	93.0	93.7	94.0	94.1	94.3	94.4	94.5	94.7
	[illegible]	86.8	89.3	92.4	93.9	94.1	94.9	95.2	95.3	95.5	95.6	95.7	95.9
	[illegible]	87.6	90.1	93.3	94.8	95.1	95.9	96.2	96.3	96.5	96.6	96.7	96.9
	[illegible]	88.1	90.7	94.1	95.6	96.0	96.9	97.2	97.2	97.5	97.6	97.7	97.9
	[illegible]	88.2	90.8	94.2	95.8	96.1	97.0	97.3	97.4	97.7	97.8	97.9	98.1
	[illegible]	88.5	91.1	94.5	96.1	96.5	97.4	97.7	97.8	98.1	98.2	98.3	98.5	
	[illegible]	88.6	91.2	94.7	96.4	96.8	97.7	98.0	98.1	98.3	98.4	98.5	98.7
	[illegible]	88.7	91.3	94.8	96.5	96.9	97.8	98.1	98.2	98.5	98.6	98.7	98.9
	[illegible]	88.7	91.4	95.1	96.8	97.2	98.2	98.5	98.6	98.9	98.9	99.1	99.2
	[illegible]	88.8	91.4	95.2	96.9	97.3	98.3	98.7	98.7	99.0	99.1	99.2	99.4
	[illegible]	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.8	99.2	99.2	99.4	99.6
	[illegible]	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.9	99.3	99.4	99.6	99.8
	[illegible]	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.9	99.3	99.4	99.6	99.9
	[illegible]	88.8	91.5	95.3	97.0	97.4	98.4	98.8	98.9	99.3	99.4	99.6	100.0

7459

OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: SEP HOURS

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	47.4	53.3	57.6	59.8	63.6	64.2	65.0	65.1	65.1	65.1	65.3	65.
GE 20000	49.2	55.3	59.9	62.2	66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.
GE 18000	49.2	55.3	59.9	62.2	66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.
GE 16000	49.2	55.3	59.9	62.2	66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.
GE 14000	49.2	55.3	59.9	62.2	66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.
GE 12000	49.6	55.8	60.3	63.1	67.3	68.0	68.8	69.1	69.1	69.3	69.6	69.
GE 10000	50.1	56.4	64.2	66.7	70.9	72.0	72.8	73.1	73.1	73.3	73.6	73.
GE 9000	50.1	56.7	64.3	67.4	71.7	72.8	73.6	73.9	73.9	74.1	74.4	74.
GE 8000	55.4	63.8	69.7	72.4	76.3	77.3	78.7	79.0	79.0	79.4	79.7	79.
GE 7000	56.8	65.3	71.2	74.0	78.3	79.4	80.2	80.6	80.6	81.0	81.2	81.
GE 6000	57.1	65.7	71.6	74.8	78.7	79.8	80.6	80.9	80.9	81.3	81.6	81.
GE 5000	58.1	67.4	73.6	76.8	81.1	82.4	83.2	83.5	83.5	84.0	84.2	84.
GE 4500	60.3	69.2	75.4	78.4	83.1	84.4	85.2	85.6	85.6	86.0	86.2	86.
GE 4000	62.9	71.9	77.6	80.4	85.3	87.0	87.9	88.2	88.2	88.7	88.9	89.
GE 3500	62.5	71.7	78.1	81.2	86.3	88.0	89.3	89.7	89.7	90.1	90.3	90.
GE 3000	63.3	73.0	80.4	83.7	88.4	90.4	91.8	92.1	92.1	92.5	92.8	92.
GE 2500	64.4	74.4	81.7	85.2	90.6	92.2	93.6	94.0	94.0	94.4	94.7	94.
GE 2000	64.9	74.4	82.0	85.6	91.4	93.2	94.6	95.0	95.0	95.4	95.7	95.
GE 1800	65.1	75.0	82.9	86.2	91.7	93.4	94.8	95.2	95.2	95.7	95.9	95.
GE 1500	65.4	75.3	82.6	86.7	92.1	93.9	95.2	95.7	95.7	96.1	96.3	96.
GE 1200	65.6	75.4	82.6	87.1	92.6	94.3	95.7	96.1	96.1	96.5	96.8	96.
GE 1000	65.6	75.7	83.0	87.3	92.8	94.6	96.0	96.3	96.3	96.8	97.0	97.
GE 900	65.6	75.8	83.1	87.5	93.0	94.8	96.1	96.4	96.4	97.0	97.2	97.
GE 800	65.7	75.9	83.5	87.8	93.4	95.2	96.5	97.4	97.5	98.0	98.2	98.
GE 700	65.7	75.9	83.5	88.0	93.6	95.3	96.7	97.7	97.8	98.2	98.4	98.
GE 600	65.7	75.9	83.5	88.0	93.6	95.3	96.9	97.9	98.0	98.4	98.7	98.
GE 500	65.7	75.9	83.5	88.0	93.7	95.4	97.0	98.0	98.1	98.5	98.7	98.
GE 400	65.7	75.9	83.5	88.0	93.7	95.4	97.0	98.0	98.1	98.6	98.8	98.
GE 300	65.7	75.9	83.5	88.0	93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.
GE 200	65.7	75.9	83.5	88.0	93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.
GE 100	65.7	75.9	83.5	88.0	93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.
GE 000	65.7	75.9	83.5	88.0	93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.

TOTAL NUMBER OF OBSERVATIONS 909

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

E: RICKENBACKER ANGB OH
+ 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: SEP HOURS: 00-02

VISIBILITY IN STATUTE MILES										
GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
63.6	64.2	65.0	65.1	65.1	65.1	65.3	65.3	65.6	65.7	66.0	66.0
66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.7	68.9	69.0	69.3	69.4
66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.7	68.9	69.0	69.3	69.4
66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.7	68.9	69.0	69.3	69.4
66.4	67.1	67.9	68.2	68.2	68.4	68.7	68.7	68.9	69.0	69.3	69.4
67.3	68.0	68.8	69.1	69.1	69.3	69.6	69.6	69.8	69.9	70.2	70.3
70.9	72.0	72.8	73.1	73.1	73.3	73.6	73.6	73.8	73.9	74.2	74.3
71.7	72.8	73.6	73.9	73.9	74.1	74.3	74.3	74.6	74.7	75.0	75.1
76.8	77.9	78.7	79.0	79.0	79.4	79.7	79.7	79.9	80.0	80.3	80.4
78.3	79.4	80.2	80.6	80.6	81.0	81.2	81.2	81.4	81.6	81.9	82.0
78.7	79.8	80.6	80.9	80.9	81.3	81.6	81.6	81.8	81.9	82.2	82.3
81.1	82.4	83.2	83.6	83.6	84.0	84.2	84.2	84.4	84.6	84.9	85.0
83.1	84.4	85.2	85.6	85.6	86.0	86.2	86.2	86.4	86.6	86.9	87.0
85.3	87.0	87.9	88.2	88.2	88.7	88.9	88.9	89.1	89.2	89.6	89.7
86.3	88.0	89.3	89.7	89.7	90.1	90.3	90.3	90.6	90.7	91.0	91.1
88.8	90.4	91.8	92.1	92.1	92.6	92.8	92.8	93.0	93.1	93.4	93.6
90.6	92.2	93.6	94.0	94.0	94.4	94.7	94.7	94.9	95.0	95.3	95.4
91.4	93.2	94.6	95.0	95.0	95.4	95.7	95.7	95.9	96.0	96.3	96.4
91.7	93.4	94.8	95.2	95.2	95.7	95.9	95.9	96.1	96.2	96.6	96.7
92.1	93.9	95.2	95.7	95.7	96.1	96.3	96.3	96.6	96.7	97.0	97.1
92.6	94.3	95.7	96.1	96.1	96.6	96.8	96.8	97.0	97.1	97.4	97.6
92.8	94.6	95.9	96.3	96.3	96.8	97.0	97.0	97.2	97.3	97.7	97.8
93.0	94.8	96.1	96.8	96.9	97.3	97.6	97.6	97.8	97.9	98.2	98.3
93.4	95.2	96.6	97.4	97.6	98.0	98.2	98.2	98.4	98.6	98.9	99.0
93.6	95.3	96.7	97.7	97.8	98.2	98.4	98.4	98.7	98.8	99.1	99.2
93.6	95.3	96.9	97.9	98.0	98.4	98.7	98.7	98.9	99.0	99.3	99.4
93.7	95.4	97.0	98.0	98.1	98.6	98.8	98.8	99.0	99.1	99.4	99.6
93.7	95.4	97.0	98.0	98.1	98.6	98.8	98.8	99.0	99.1	99.4	99.6
93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.7	99.8
93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.8	99.9
93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.8	99.9
93.7	95.4	97.1	98.1	98.2	98.7	98.9	98.9	99.1	99.3	99.8	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 MONTH: SEP HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	40.4	44.4	51.4	55.2	60.4	61.1	62.9	64.0	64.0	65.4	65.8	66.1	66.9
GE 20000	41.2	46.1	53.7	57.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8
GE 18000	41.2	46.1	53.7	57.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8
GE 16000	41.2	46.1	53.7	57.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8
GE 14000	41.2	46.1	53.7	57.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8
GE 12000	41.7	46.6	54.1	58.1	63.6	64.2	66.0	67.1	67.1	68.6	68.9	69.3	70.2
GE 10000	42.4	47.7	55.2	59.2	65.3	66.1	68.1	69.2	69.2	70.7	71.0	71.4	72.3
GE 9000	42.9	48.4	56.3	60.3	66.4	67.2	69.2	70.3	70.3	71.8	72.1	72.6	73.4
GE 8000	44.5	50.7	58.7	62.7	69.1	69.9	72.0	73.2	73.2	75.0	75.3	75.8	76.8
GE 7000	45.9	52.1	60.1	64.1	70.6	71.3	73.4	74.7	74.7	76.4	76.8	77.2	78.2
GE 6000	46.4	52.7	60.7	64.7	71.1	71.9	74.0	75.2	75.2	77.0	77.3	77.8	78.8
GE 5000	47.9	54.3	62.6	66.6	73.0	73.8	76.0	77.3	77.3	79.1	79.4	79.9	80.9
GE 4500	48.2	56.0	63.2	67.6	74.0	74.8	77.0	78.3	78.3	80.1	80.4	80.9	81.9
GE 4000	50.1	57.3	65.7	70.0	76.4	77.2	79.6	80.9	80.9	82.7	83.0	83.4	84.4
GE 3500	51.1	58.3	66.8	71.3	78.3	79.1	81.7	83.0	83.0	84.8	85.1	85.6	86.6
GE 3000	51.6	58.8	67.3	71.9	78.9	79.7	82.4	83.8	83.8	85.7	86.0	86.4	87.4
GE 2500	52.4	59.8	68.3	73.4	80.9	81.7	84.7	86.0	86.0	87.9	88.2	88.7	89.7
GE 2000	53.4	60.9	70.3	75.4	83.2	84.0	87.0	88.3	88.3	90.2	90.6	91.0	92.0
GE 1800	53.8	61.2	70.7	75.8	83.6	84.3	87.3	88.7	88.7	90.6	90.9	91.3	92.3
GE 1500	54.6	62.0	71.4	76.7	84.9	85.7	88.7	90.0	90.0	91.9	92.2	92.7	93.7
GE 1200	54.8	62.4	71.9	77.3	85.8	86.8	89.8	91.1	91.2	93.1	93.4	93.9	94.9
GE 1000	54.8	62.4	72.0	77.4	85.9	86.9	90.0	91.3	91.4	93.3	93.7	94.1	95.1
GE 900	54.8	62.4	72.0	77.4	86.0	87.0	90.1	91.6	91.9	93.8	94.1	94.6	95.7
GE 800	55.0	62.7	72.4	77.9	86.4	87.4	90.8	92.3	92.7	94.6	95.0	95.4	96.6
GE 700	55.0	62.7	72.4	78.0	86.7	87.7	91.0	92.6	92.9	94.8	95.2	95.7	96.8
GE 600	55.0	62.7	72.6	78.3	87.0	88.0	91.3	93.0	93.3	95.3	95.9	96.4	97.6
GE 500	55.0	62.7	72.6	78.3	87.0	88.0	91.4	93.2	93.6	95.6	96.1	96.7	97.8
GE 400	55.0	62.7	72.6	78.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9
GE 300	55.0	62.7	72.6	78.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9
GE 200	55.0	62.7	72.6	78.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9
GE 100	55.0	62.7	72.6	78.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9
GE 000	55.0	62.7	72.6	78.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
UTC: + 5 MONTH: SEP HOURS: 03-05

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.2	60.4	61.1	62.9	64.0	64.0	65.4	65.8	66.1	66.9	66.9	67.2	67.4
.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8	69.8	70.1	70.6
.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8	69.8	70.1	70.6
.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8	69.8	70.1	70.6
.7	63.1	63.8	65.6	66.7	66.7	68.1	68.4	68.9	69.8	69.8	70.1	70.6
.1	63.6	64.2	66.0	67.1	67.1	68.6	68.9	69.3	70.2	70.2	70.6	71.0
.2	65.3	66.1	66.1	69.2	69.2	70.7	71.0	71.4	72.3	72.3	72.7	73.1
.3	66.4	67.2	69.2	70.3	70.3	71.8	72.1	72.6	73.4	73.4	73.8	74.2
.7	69.1	69.9	72.0	73.2	73.2	75.0	75.3	75.8	76.8	76.9	77.2	77.7
.1	70.6	71.3	73.4	74.7	74.7	76.4	76.8	77.2	78.2	78.3	78.7	79.1
.7	71.1	71.9	74.0	75.2	75.2	77.0	77.3	77.8	78.8	78.9	79.2	79.7
.8	73.0	73.8	76.0	77.3	77.3	79.1	79.4	79.9	80.9	81.0	81.3	81.8
.8	74.0	74.8	77.0	78.3	78.3	80.1	80.4	80.9	81.9	82.0	82.3	82.8
.0	76.4	77.2	79.6	80.9	80.9	82.7	83.0	83.4	84.4	84.5	84.9	85.3
.8	78.3	79.1	81.7	83.0	83.0	84.8	85.1	85.6	86.6	86.7	87.0	87.4
.8	78.9	79.7	82.4	83.8	83.8	85.7	86.0	86.4	87.4	87.6	87.9	88.3
.4	80.9	81.7	84.7	86.0	86.0	87.9	88.2	88.7	89.7	89.8	90.1	90.6
.6	83.2	84.0	87.0	88.3	88.3	90.2	90.6	91.0	92.0	92.1	92.4	92.9
.2	83.6	84.3	87.3	88.7	88.7	90.6	90.9	91.3	92.3	92.4	92.8	93.2
.7	84.9	85.7	88.7	90.0	90.0	91.9	92.2	92.7	93.7	93.8	94.1	94.6
.5	85.8	86.8	89.8	91.1	91.2	93.1	93.4	93.9	94.9	95.0	95.4	95.9
.4	85.9	86.9	90.0	91.3	91.4	93.3	93.7	94.1	95.1	95.2	95.7	96.1
.4	86.0	87.0	90.1	91.6	91.9	93.8	94.1	94.6	95.7	95.8	96.2	96.8
.9	86.4	87.4	90.8	92.3	92.7	94.6	95.0	95.4	96.6	96.7	97.1	97.7
.0	86.7	87.7	91.0	92.6	92.9	94.8	95.2	95.7	96.8	96.9	97.3	97.9
.3	87.0	88.0	91.3	93.0	93.3	95.3	95.9	96.4	97.6	97.7	98.1	98.7
.1	87.0	88.0	91.4	93.2	93.6	95.6	96.1	96.7	97.8	97.9	98.4	99.0
.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.0	98.6	99.1
.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.0	98.7	99.3
.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.1	99.0	99.7
.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.2	99.2	99.9
.3	87.0	88.0	91.4	93.2	93.6	95.6	96.2	96.8	97.9	98.2	99.2	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS: 06-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	26.9	30.8	34.7	40.1	44.3	46.1	49.0	51.2	52.4	54.3	56.1	56.4	57
GE 20000	28.0	32.4	36.6	42.2	47.1	49.4	52.6	54.9	56.6	58.6	60.3	60.7	61
GE 18000	28.1	32.6	36.7	42.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61
GE 16000	28.1	32.6	36.7	42.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61
GE 14000	28.1	32.6	36.7	42.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61
GE 12000	28.8	33.3	37.8	43.6	48.8	51.3	54.4	56.8	58.4	60.4	62.2	62.6	63
GE 10000	29.7	34.4	39.0	44.9	50.6	53.2	56.7	59.0	60.7	62.8	64.6	64.9	66
GE 9000	30.3	35.2	40.0	45.9	51.6	54.2	57.7	60.0	61.7	63.8	65.6	65.9	67
GE 8000	32.1	37.8	43.0	48.9	54.9	57.8	61.6	64.0	65.7	68.0	70.0	70.3	71
GE 7000	32.4	38.1	43.3	49.3	55.6	58.4	62.6	65.0	66.7	69.0	71.0	71.3	72
GE 6000	32.9	38.6	43.8	49.8	56.0	59.0	63.3	65.8	67.4	69.8	71.8	72.1	73
GE 5000	34.2	39.9	45.1	51.6	58.0	61.0	65.3	67.9	69.6	72.0	74.1	74.4	75
GE 4500	34.9	40.7	46.0	52.4	58.9	61.9	66.2	68.8	70.4	72.9	75.2	75.6	76
GE 4000	35.8	41.6	47.0	53.8	60.4	63.4	67.8	70.3	72.1	74.6	77.0	77.3	78
GE 3500	36.7	42.7	48.3	55.3	62.4	65.6	70.0	72.5	74.3	76.8	79.2	79.6	80
GE 3000	37.8	44.0	49.7	56.7	64.0	67.2	72.1	74.7	76.4	78.9	81.3	81.7	82
GE 2500	39.5	44.9	50.6	57.3	65.4	68.7	73.7	76.2	78.0	80.4	82.9	83.2	84
GE 2000	39.7	46.3	52.1	59.6	67.8	71.0	76.1	78.7	80.4	82.9	85.3	85.8	87
GE 1800	39.9	46.4	52.2	59.7	68.0	71.2	76.3	78.9	80.7	83.1	85.6	86.0	87
GE 1500	40.2	47.2	53.2	60.9	69.7	72.9	78.2	80.9	82.7	85.3	88.0	88.4	89
GE 1200	40.3	47.3	53.4	61.1	70.0	73.4	78.8	81.6	83.3	86.0	89.0	89.4	90
GE 1000	40.4	47.4	53.8	61.4	70.3	73.9	79.2	82.6	84.4	87.2	90.3	90.8	92
GE 900	40.4	47.4	53.8	61.6	70.5	74.1	79.6	83.0	84.9	87.7	90.9	91.3	92
GE 800	40.4	47.4	53.8	61.6	70.7	74.2	79.7	83.1	85.0	87.9	91.1	91.6	93
GE 700	40.6	47.6	54.0	61.8	71.1	74.7	80.1	83.7	85.6	88.4	91.7	92.1	93
GE 600	40.6	47.6	54.0	61.8	71.1	74.7	80.1	83.7	85.6	88.4	91.7	92.1	93
GE 500	40.6	47.6	54.0	61.8	71.4	75.0	80.8	84.3	86.2	89.1	92.4	92.9	94
GE 400	40.6	47.6	54.0	61.9	71.7	75.2	81.0	84.7	86.6	89.6	93.0	93.4	95
GE 300	40.6	47.6	54.0	61.9	71.7	75.2	81.0	84.7	86.6	89.6	93.1	93.6	95
GE 200	40.6	47.6	54.0	61.9	71.7	75.2	81.0	84.7	86.6	89.6	93.1	93.6	95
GE 100	40.6	47.6	54.0	61.9	71.7	75.2	81.0	84.8	86.7	89.7	93.2	93.8	95
GE 000	40.6	47.6	54.0	61.9	71.7	75.2	81.0	84.8	86.7	89.7	93.2	93.8	95

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: SEP HOURS: 06-08

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.1	44.3	46.1	49.0	51.2	52.4	54.3	56.1	56.4	57.4	57.6	58.8	59.8
.2	47.1	49.4	52.6	54.9	56.6	58.6	60.3	60.7	61.7	61.8	63.1	64.2
.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61.8	61.9	63.2	64.3
.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61.8	61.9	63.2	64.3
.3	47.2	49.6	52.7	55.0	56.7	58.7	60.4	60.8	61.8	61.9	63.2	64.3
.4	48.8	51.3	54.4	56.8	58.4	60.4	62.2	62.6	63.6	63.7	65.0	66.1
.5	50.6	53.2	56.7	59.0	60.7	62.8	64.6	64.9	66.0	66.1	67.4	68.6
.5	51.6	54.2	57.7	60.0	61.7	63.8	65.6	65.9	67.0	67.1	68.4	69.6
.6	54.9	57.8	61.6	64.0	65.7	68.0	70.0	70.3	71.4	71.6	72.9	74.0
.6	55.6	58.4	62.6	65.0	66.7	69.0	71.0	71.3	72.4	72.6	73.9	75.0
.7	56.0	59.0	63.3	65.8	67.4	69.8	71.8	72.1	73.2	73.3	74.7	75.8
.8	58.0	61.0	65.3	67.9	69.6	72.0	74.1	74.4	75.6	75.7	77.0	78.1
.8	58.9	61.9	66.2	68.8	70.4	72.9	75.2	75.6	76.8	76.9	78.2	79.3
.9	60.4	63.4	67.8	70.3	72.1	74.6	77.0	77.3	78.6	78.7	80.0	81.1
.9	62.4	65.6	70.0	72.6	74.3	76.8	79.2	79.6	80.8	80.9	82.2	83.3
.9	64.0	67.2	72.1	74.7	76.4	78.9	81.3	81.7	82.9	83.0	84.4	85.7
.9	65.4	68.7	73.7	76.2	78.0	80.4	82.9	83.2	84.4	84.6	86.0	87.2
.9	67.8	71.0	76.1	78.7	80.4	82.9	85.3	85.8	87.0	87.1	88.6	89.8
.9	68.0	71.2	76.3	78.9	80.7	83.1	85.6	86.0	87.2	87.3	88.8	90.0
.9	69.7	72.9	78.2	80.9	82.7	85.3	88.0	88.4	89.8	89.9	91.3	92.6
.9	70.0	73.4	78.8	81.6	83.3	86.0	89.0	89.4	90.9	91.0	92.4	93.7
.9	70.3	73.9	79.2	82.6	84.4	87.2	90.3	90.9	92.2	92.3	93.9	95.0
.9	70.6	74.1	79.6	83.0	84.9	87.7	90.9	91.3	92.8	93.0	94.4	95.7
.9	70.7	74.2	79.7	83.1	85.0	87.9	91.1	91.6	93.0	93.2	94.7	95.9
.9	71.1	74.7	80.1	83.7	85.6	88.4	91.7	92.1	93.6	93.8	95.2	96.4
.9	71.1	74.7	80.1	83.7	85.6	88.4	91.7	92.1	93.7	93.9	95.3	96.6
.9	71.4	75.0	80.8	84.3	86.2	89.1	92.4	92.9	94.4	94.7	96.1	97.4
.9	71.7	75.2	81.0	84.7	86.5	89.6	93.0	93.4	95.0	95.2	96.7	98.0
.9	71.7	75.2	81.0	84.7	86.6	89.6	93.1	93.6	95.3	95.6	97.0	98.4
.9	71.7	75.2	81.0	84.7	86.6	89.6	93.1	93.6	95.6	95.8	97.4	99.0
1.0	71.7	75.2	81.0	84.8	86.7	89.7	93.2	93.8	95.9	96.3	98.0	100.0
1.0	71.7	75.2	81.0	84.8	86.7	89.7	93.2	93.8	95.9	96.3	98.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73
LST TO UTC: + 5 MONTH: SEP HOURS: 09-11

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	38.0	42.8	47.0	50.0	51.9	53.7	55.1	55.6	55.7	55.9	56.1	56.2	56.3
GE 20000	40.7	46.6	51.4	54.9	56.9	58.8	60.4	60.9	61.0	61.3	61.6	61.7	61.8
GE 18000	41.0	46.9	51.8	55.2	57.2	59.1	60.8	61.2	61.3	61.7	61.9	62.0	62.1
GE 16000	41.0	46.9	51.8	55.2	57.2	59.1	60.8	61.2	61.3	61.7	61.9	62.0	62.1
GE 14000	41.1	47.0	51.9	55.3	57.3	59.2	60.9	61.3	61.4	61.8	62.0	62.1	62.2
GE 12000	41.7	48.0	53.1	56.6	58.8	60.7	62.3	62.8	62.9	63.2	63.4	63.6	63.7
GE 10000	42.9	49.4	54.9	58.4	60.7	62.6	64.3	64.8	64.9	65.2	65.4	65.6	65.7
GE 9000	44.1	51.0	56.6	60.2	62.4	64.3	66.1	66.6	66.7	67.0	67.2	67.3	67.4
GE 8000	47.2	54.8	60.9	64.8	67.3	69.3	71.1	71.6	71.7	72.0	72.2	72.3	72.4
GE 7000	48.0	55.8	62.1	66.1	68.7	70.7	72.6	73.0	73.1	73.4	73.7	73.8	73.9
GE 6000	48.1	55.9	62.3	66.3	68.9	70.9	72.8	73.2	73.3	73.7	73.9	74.0	74.1
GE 5000	49.0	56.8	63.7	67.8	70.6	72.6	74.4	75.0	75.1	75.4	75.7	75.8	75.9
GE 4500	49.4	57.2	64.1	68.2	71.0	73.0	74.9	75.4	75.6	75.9	76.1	76.3	76.4
GE 4000	50.6	58.7	65.7	69.9	72.9	75.0	76.9	77.4	77.7	78.0	78.2	78.4	78.6
GE 3500	51.8	60.8	68.0	72.6	76.0	78.1	80.0	80.6	80.8	81.1	81.3	81.6	81.7
GE 3000	53.1	62.4	70.0	74.8	78.3	80.4	82.4	83.0	83.2	83.6	83.8	84.0	84.1
GE 2500	54.2	63.7	71.2	76.2	79.8	81.9	84.0	84.6	84.8	85.1	85.3	85.6	85.7
GE 2000	55.7	65.1	73.1	78.2	82.1	84.3	86.6	87.1	87.4	87.8	88.0	88.2	88.4
GE 1800	55.8	65.2	73.2	78.3	82.3	84.6	86.8	87.3	87.7	88.0	88.2	88.4	88.7
GE 1500	57.1	66.7	74.9	80.0	84.2	86.6	88.9	89.4	89.8	90.1	90.3	90.6	90.8
GE 1200	58.2	67.9	76.2	81.3	86.1	88.7	91.1	91.7	92.1	92.4	92.7	92.9	93.1
GE 1000	58.3	68.0	76.4	81.7	86.9	89.6	92.0	92.8	93.2	93.6	93.8	94.0	94.2
GE 900	58.4	68.1	76.6	81.9	87.0	89.9	92.3	93.6	94.0	94.3	94.6	94.8	95.0
GE 800	58.4	68.1	76.8	82.1	87.4	90.6	93.2	94.4	94.9	95.2	95.4	95.7	96.0
GE 700	58.4	68.3	77.1	82.4	88.3	91.4	94.1	95.3	95.8	96.1	96.4	96.7	97.0
GE 600	58.4	68.3	77.2	82.7	88.6	91.9	94.7	96.2	96.7	97.0	97.3	97.6	97.9
GE 500	58.4	68.3	77.2	82.7	88.7	92.0	94.9	96.6	97.0	97.4	97.8	98.0	98.4
GE 400	58.4	68.3	77.2	82.7	88.8	92.1	95.1	97.0	97.6	98.1	98.6	98.8	99.2
GE 300	58.4	68.3	77.2	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6
GE 200	58.4	68.3	77.2	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6
GE 100	58.4	68.3	77.2	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6
GE 000	58.4	68.3	77.2	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
T TO UTC: + 5 MONTH: SEP HOURS: 09-11

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	50.0	51.9	53.7	55.1	55.6	55.7	55.9	56.1	56.2	56.3	56.3	56.4	56.6
	54.9	56.9	58.8	60.4	60.9	61.0	61.3	61.6	61.7	61.8	61.8	61.9	62.0
	55.2	57.2	59.1	60.8	61.2	61.3	61.7	61.9	62.0	62.1	62.1	62.2	62.3
	55.2	57.2	59.1	60.8	61.2	61.3	61.7	61.9	62.0	62.1	62.1	62.2	62.3
	55.3	57.3	59.2	60.9	61.3	61.4	61.8	62.0	62.1	62.2	62.2	62.3	62.4
	56.6	58.8	60.7	62.3	62.8	62.9	63.2	63.4	63.6	63.7	63.7	63.8	63.9
	58.4	60.7	62.6	64.3	64.8	64.9	65.2	65.4	65.6	65.7	65.7	65.8	65.9
	60.2	62.4	64.3	66.1	66.6	66.7	67.0	67.2	67.3	67.4	67.4	67.6	67.7
	64.8	67.3	69.3	71.1	71.6	71.7	72.0	72.2	72.3	72.4	72.4	72.6	72.7
	66.1	68.7	70.7	72.6	73.0	73.1	73.4	73.7	73.8	73.9	73.9	74.0	74.1
	66.3	68.9	70.9	72.8	73.2	73.3	73.7	73.9	74.0	74.1	74.1	74.2	74.3
	67.8	70.6	72.6	74.4	75.0	75.1	75.4	75.7	75.8	75.9	75.9	76.0	76.1
	68.2	71.0	73.0	74.9	75.4	75.6	75.9	76.1	76.3	76.4	76.4	76.6	76.7
	68.9	72.9	75.0	76.9	77.4	77.7	78.0	78.2	78.4	78.6	78.6	78.7	78.8
	72.6	75.0	78.1	80.0	80.6	80.8	81.1	81.3	81.6	81.7	81.7	81.8	81.9
	74.8	78.3	80.4	82.4	83.0	83.2	83.6	83.8	84.0	84.1	84.1	84.2	84.3
	79.2	79.8	81.9	84.0	84.6	84.8	85.1	85.3	85.6	85.7	85.7	85.8	85.9
	79.2	82.1	84.3	86.6	87.1	87.4	87.8	88.0	88.2	88.4	88.4	88.6	88.7
	79.3	82.3	84.6	86.8	87.3	87.7	88.0	88.2	88.4	88.7	88.7	88.8	88.9
	80.0	84.2	86.6	88.9	89.4	89.8	90.1	90.3	90.6	90.8	90.8	90.9	91.0
	81.3	86.1	88.7	91.1	91.7	92.1	92.4	92.7	92.9	93.1	93.1	93.2	93.3
	81.7	86.9	89.6	92.0	92.8	93.2	93.6	93.8	94.0	94.2	94.2	94.3	94.4
	81.9	87.0	89.9	92.3	93.6	94.0	94.3	94.6	94.8	95.0	95.0	95.1	95.2
	82.1	87.4	90.6	93.2	94.4	94.9	95.2	95.4	95.7	96.0	96.0	96.1	96.2
	82.4	88.3	91.4	94.1	95.3	95.8	96.1	96.4	96.7	97.0	97.0	97.1	97.2
	82.7	88.6	91.9	94.7	96.2	96.7	97.0	97.3	97.6	97.9	97.9	98.0	98.1
	82.7	88.7	92.0	94.9	96.6	97.0	97.4	97.8	98.0	98.4	98.4	98.6	98.7
	82.7	88.8	92.1	95.1	97.0	97.6	98.1	98.6	98.8	99.2	99.2	99.3	99.4
	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6	99.6	99.7	99.8
	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6	99.6	99.7	99.8
	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6	99.8	99.9	100.0
	82.7	88.8	92.1	95.1	97.0	97.6	98.2	98.8	99.0	99.6	99.8	99.9	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS: 12-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	46.8	49.7	51.2	52.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	5
GE 20000	51.3	54.9	56.6	58.7	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	5
GE 18000	51.4	55.0	56.7	58.8	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	5
GE 16000	51.4	55.0	56.7	58.8	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	5
GE 14000	51.9	55.4	57.1	59.2	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	6
GE 12000	52.3	55.9	57.6	59.7	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	6
GE 10000	54.3	58.0	60.1	62.2	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	6
GE 9000	55.7	59.4	61.6	63.7	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	6
GE 8000	58.6	62.7	65.0	67.1	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	6
GE 7000	59.0	63.1	65.3	67.9	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	6
GE 6000	59.1	63.2	65.9	68.0	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	6
GE 5000	63.3	67.4	69.1	69.2	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	7
GE 4500	64.7	68.9	70.7	71.0	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	7
GE 4000	65.9	70.9	73.6	75.9	76.4	77.1	77.2	77.3	77.3	77.3	77.3	77.3	7
GE 3500	68.8	74.9	78.1	80.9	81.4	82.1	82.4	82.6	82.6	82.6	82.6	82.6	8
GE 3000	74.1	80.8	84.3	87.3	88.1	88.8	89.1	89.2	89.2	89.2	89.2	89.2	8
GE 2500	76.2	83.2	87.4	90.7	91.4	92.1	92.4	92.6	92.6	92.6	92.6	92.6	9
GE 2000	77.3	85.0	89.0	92.2	93.0	93.7	94.2	94.3	94.3	94.3	94.3	94.3	9
GE 1800	77.9	85.6	89.6	92.8	93.6	94.2	94.9	94.9	94.9	94.9	94.9	94.9	9
GE 1500	78.9	86.7	90.9	94.2	95.1	95.8	96.3	96.4	96.4	96.4	96.4	96.4	9
GE 1200	79.8	87.8	92.1	95.6	96.6	97.4	98.1	98.2	98.2	98.2	98.2	98.2	9
GE 1000	80.0	88.1	92.4	96.0	97.0	97.9	98.6	98.7	98.7	98.8	98.8	98.8	9
GE 900	80.0	88.1	92.4	96.0	97.3	98.2	99.0	99.1	99.1	99.2	99.2	99.2	9
GE 800	80.0	88.1	92.4	96.0	97.3	98.2	99.0	99.1	99.1	99.2	99.2	99.2	9
GE 700	80.0	88.1	92.4	96.2	97.7	98.6	99.3	99.4	99.4	99.6	99.6	99.6	9
GE 600	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10
GE 500	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10
GE 400	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10
GE 300	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10
GE 200	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10
GE 100	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10
GE 000	80.0	88.1	92.4	96.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	10

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
LT UTC: + 5 MONTH: SEP HOURS: 12-14

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	52.9	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
	59.7	59.1	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7	59.7
	59.8	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
5	59.8	59.2	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8	59.8
	60.2	59.7	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2	60.2
	60.7	60.1	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7	60.7
	63.2	62.7	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	64.7	64.1	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
	68.1	67.6	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1	68.1
	68.9	68.3	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9	68.9
	69.0	68.4	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	70.2	69.7	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	72.1	71.4	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1	72.1
	77.2	76.4	77.1	77.2	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3	77.3
	82.4	81.4	82.1	82.4	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6	82.6
	89.1	88.1	88.8	89.1	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2	89.2
	92.4	91.4	92.1	92.4	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6	92.6
	94.2	93.0	93.7	94.2	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3	94.3
	94.9	93.6	94.2	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9	94.9
	96.4	95.1	95.8	96.3	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4	96.4
	98.2	96.6	97.4	98.1	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2	98.2
	98.7	97.0	97.9	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	99.1	97.3	98.2	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	99.1	97.3	98.2	99.0	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
9	99.2	97.7	98.6	99.3	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
10	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
11	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
12	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
13	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
14	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
15	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0
16	99.2	97.7	98.7	99.6	99.7	99.7	99.9	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATING LOCATION NAM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: KICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: SEP HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	50.1	51.3	53.1	54.0	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6
GE 20000	55.7	57.2	59.1	60.2	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8
GE 18000	55.7	57.3	59.2	60.3	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9
GE 16000	55.8	57.3	59.2	60.3	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9
GE 14000	55.8	57.4	59.3	60.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0
GE 12000	56.2	57.9	59.8	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4
GE 10000	63.4	65.0	67.4	68.6	68.9	68.9	69.1	69.1	69.1	69.1	69.1	69.1
GE 9000	63.7	65.4	67.8	69.0	69.3	69.3	69.5	69.5	69.5	69.5	69.5	69.5
GE 8000	64.1	67.3	69.6	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2
GE 7000	64.4	67.9	70.2	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9
GE 6000	64.5	68.0	70.3	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0
GE 5000	67.1	70.5	72.9	74.1	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7
GE 4500	70.2	74.0	76.7	78.2	78.5	78.5	78.8	78.8	78.8	78.8	78.8	78.8
GE 4000	74.2	78.0	82.0	83.7	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7
GE 3500	77.6	82.9	86.2	88.1	88.9	89.0	89.3	89.3	89.3	89.4	89.4	89.4
GE 3000	81.9	87.7	91.1	93.1	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.4
GE 2500	83.3	89.7	93.1	95.1	95.9	96.0	96.3	96.3	96.3	96.4	96.4	96.4
GE 2000	84.2	90.6	94.0	96.1	96.9	97.0	97.3	97.3	97.3	97.4	97.4	97.4
GE 1800	84.5	90.9	94.3	96.4	97.2	97.3	97.6	97.6	97.6	97.7	97.7	97.7
GE 1600	84.9	91.3	94.7	96.8	97.7	97.8	98.1	98.1	98.1	98.2	98.2	98.2
GE 1400	85.2	91.6	95.0	97.1	98.0	98.1	98.4	98.4	98.4	98.5	98.5	98.5
GE 1200	85.4	91.8	95.2	97.3	98.2	98.3	98.6	98.6	98.6	98.7	98.7	98.7
GE 1000	85.8	92.2	95.6	97.7	98.6	98.7	99.0	99.0	99.0	99.1	99.1	99.1
GE 900	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 800	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 700	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 600	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 500	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 400	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 300	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 200	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 100	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2
GE 000	85.8	92.2	95.6	97.8	98.7	98.8	99.1	99.1	99.1	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
AT TIME UTC: + 5 MONTH: SEP HOURS: 15-17

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22	54.6	54.3	54.3	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6	54.6
GE 20	60.2	60.5	60.5	60.5	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8	60.8
GE 18	60.3	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 16	60.3	60.7	60.7	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9	60.9
GE 14	60.4	60.8	60.8	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0	61.0
GE 12	60.9	61.2	61.2	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4	61.4
GE 10	63.8	63.9	63.9	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1	64.1
GE 9	65.4	65.8	65.8	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
GE 8	70.7	71.0	71.0	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2	71.2
GE 7	71.3	71.7	71.7	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9	71.9
GE 6	71.4	71.8	71.8	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0	72.0
GE 5	74.1	74.4	74.4	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7	74.7
GE 4	73.2	73.4	73.4	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7	73.7
GE 3	83.7	84.3	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
GE 2	88.1	88.9	89.0	89.3	89.3	89.3	89.4	89.4	89.4	89.4	89.4	89.4	89.4
GE 1	93.1	93.9	94.0	94.3	94.3	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4
GE 0	95.1	95.9	96.0	96.3	96.3	96.3	96.7	96.7	96.7	96.7	96.7	96.7	96.7
GE 0	96.1	96.9	97.0	97.3	97.3	97.3	97.7	97.7	97.7	97.7	97.7	97.7	97.7
GE 0	96.4	97.2	97.3	97.6	97.6	97.6	98.0	98.0	98.0	98.0	98.0	98.0	98.0
GE 0	96.3	97.7	97.8	98.1	98.1	98.1	98.5	98.5	98.5	98.5	98.5	98.5	98.5
GE 0	96.5	97.8	98.0	98.3	98.3	98.3	98.8	98.8	98.8	98.8	98.8	98.8	98.8
GE 0	97.3	98.2	98.4	98.7	98.7	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 0	97.3	98.2	98.4	98.7	98.7	98.7	99.2	99.2	99.2	99.3	99.3	99.3	99.3
GE 0	97.4	98.3	98.5	98.8	98.8	98.8	99.3	99.3	99.3	99.4	99.4	99.4	99.4
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5
GE 0	97.5	98.4	98.6	98.9	98.9	98.9	99.4	99.4	99.4	99.5	99.5	99.5	99.5

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OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: *
LST TO UTC: + 5 MONTH: SEP HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	56.0	57.1	59.4	62.0	62.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4
GE 20000	61.3	63.9	66.2	68.8	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2
GE 18000	61.3	63.9	66.2	68.8	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2
GE 16000	61.3	63.9	66.2	68.8	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2
GE 14000	61.3	63.9	66.2	68.8	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2
GE 12000	61.9	64.3	67.2	69.9	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3
GE 10000	63.1	66.0	68.8	71.6	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0
GE 9000	63.7	67.2	70.0	72.8	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2
GE 8000	67.2	71.1	74.2	77.1	78.1	78.2	78.9	78.9	78.9	78.9	78.9	78.9
GE 7000	67.4	71.3	74.4	77.3	78.3	78.4	79.1	79.1	79.1	79.1	79.1	79.1
GE 6000	68.5	72.4	75.6	78.4	79.4	79.6	80.2	80.2	80.2	80.2	80.2	80.2
GE 5000	70.7	74.2	77.8	80.2	81.6	81.7	82.3	82.3	82.3	82.3	82.3	82.3
GE 4500	72.4	75.9	80.2	83.5	85.0	85.1	85.8	85.8	85.8	85.8	85.8	85.8
GE 4000	74.1	77.9	83.4	87.2	88.0	88.1	88.8	88.8	88.8	88.8	88.8	88.8
GE 3500	76.4	82.1	86.9	89.9	92.3	92.4	93.1	93.1	93.1	93.1	93.1	93.1
GE 3000	78.2	84.1	87.9	92.6	95.1	95.2	95.9	95.9	95.9	95.9	95.9	95.9
GE 2500	79.1	86.1	89.1	93.8	96.5	96.7	97.3	97.4	97.4	97.6	97.6	97.6
GE 2000	79.7	86.3	89.7	94.4	97.3	97.4	98.1	98.2	98.2	98.3	98.3	98.3
GE 1800	79.7	86.5	89.7	94.4	97.3	97.4	98.1	98.2	98.2	98.3	98.3	98.3
GE 1500	79.8	86.9	89.8	94.7	97.7	97.8	98.6	98.7	98.7	98.8	98.8	98.8
GE 1200	79.8	86.9	89.9	94.8	97.8	98.0	98.8	99.1	99.1	99.2	99.2	99.2
GE 1000	79.9	86.9	89.9	94.9	98.0	98.2	99.0	99.3	99.3	99.4	99.4	99.4
GE 900	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.4	99.4	99.5	99.5	99.5
GE 800	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.7	99.7	99.8	99.8	99.8
GE 700	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	99.9	99.9	99.9
GE 600	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	99.9	99.9	99.9
GE 500	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0
GE 400	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0
GE 300	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0
GE 200	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0
GE 100	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0
GE 000	79.9	86.9	90.0	95.0	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: SEP HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	62.9	63.0	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4	63.4
	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	69.7	69.8	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	70.8	70.9	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3	71.3
	72.4	72.6	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0	73.0
	73.7	73.8	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2	74.2
	78.1	78.2	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9	78.9
	78.3	78.4	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1	79.1
	79.4	79.6	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2	80.2
	81.6	81.7	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3	82.3
	85.0	85.1	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8	85.8
	89.0	89.1	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8	89.8
	92.3	92.4	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1	93.1
	95.1	95.2	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9	95.9
	96.5	96.7	97.3	97.4	97.4	97.6	97.6	97.6	97.6	97.6	97.6	97.6
	97.3	97.4	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	97.3	97.4	98.1	98.2	98.2	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	97.7	97.8	98.6	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
	97.8	98.0	98.8	99.1	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	98.0	98.2	99.0	99.3	99.3	99.4	99.4	99.4	99.4	99.4	99.4	99.4
	98.1	98.3	99.1	99.4	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
	98.1	98.3	99.1	99.7	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	98.1	98.3	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	98.1	98.3	99.1	99.8	99.8	99.9	99.9	99.9	99.9	99.9	99.9	99.9
	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	98.1	98.3	99.1	99.8	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: SEP HOURS: 21-2

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/
NO CEIL	55.4	59.2	62.6	65.3	67.3	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.
GE 20000	57.9	62.3	65.7	69.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.
GE 18000	57.9	62.3	65.7	69.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.
GE 16000	57.9	62.3	65.7	69.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.
GE 14000	58.6	63.0	66.3	69.8	71.9	71.9	72.1	72.1	72.3	72.3	72.4	72.4	72.
GE 12000	59.2	63.8	67.1	70.8	72.9	72.9	73.1	73.1	73.3	73.3	73.4	73.4	73.
GE 10000	61.1	66.6	70.2	74.1	76.4	76.4	76.8	76.8	77.0	77.0	77.1	77.1	77.
GE 9000	61.3	67.3	71.4	75.3	77.7	77.7	78.0	78.0	78.2	78.2	78.3	78.3	78.
GE 8000	63.3	69.4	73.9	78.0	80.3	80.4	80.9	80.9	81.1	81.1	81.2	81.2	81.
GE 7000	63.9	70.3	74.8	78.9	81.2	81.3	81.8	81.8	82.0	82.0	82.1	82.1	82.
GE 6000	64.8	71.2	75.7	79.8	82.1	82.2	82.7	82.7	82.9	82.9	83.0	83.0	83.
GE 5000	67.3	74.0	78.6	82.8	85.4	85.6	86.0	86.0	86.2	86.2	86.3	86.3	86.
GE 4500	68.1	74.8	79.3	83.7	86.3	86.4	86.9	86.9	87.1	87.1	87.2	87.2	87.
GE 4000	69.7	76.7	81.6	86.2	89.2	89.3	89.8	89.8	90.0	90.0	90.1	90.1	90.
GE 3500	70.4	77.7	82.7	88.1	91.4	91.6	92.0	92.0	92.2	92.2	92.3	92.3	92.
GE 3000	72.6	80.3	85.4	91.1	94.6	94.7	95.1	95.1	95.3	95.3	95.4	95.4	95.
GE 2500	73.6	81.6	87.2	93.0	96.4	96.6	97.0	97.0	97.2	97.2	97.3	97.3	97.
GE 2000	73.7	81.9	87.6	93.4	96.9	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.
GE 1800	73.7	81.9	87.6	93.4	96.9	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.
GE 1500	74.0	82.2	87.9	94.0	97.7	97.9	98.4	98.4	98.7	98.7	98.8	98.8	98.
GE 1200	74.0	82.2	87.9	94.0	97.7	97.9	98.6	98.7	98.9	98.9	99.0	99.0	99.
GE 1000	74.0	82.2	87.9	94.0	97.7	97.9	98.6	98.7	98.9	98.9	99.0	99.0	99.
GE 900	74.0	82.2	87.9	94.0	97.7	97.9	98.6	98.7	99.0	99.1	99.2	99.2	99.
GE 800	74.0	82.2	87.9	94.1	97.8	98.0	98.7	98.8	99.1	99.4	99.6	99.6	99.
GE 700	74.0	82.2	87.9	94.1	98.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	99.
GE 600	74.0	82.2	87.9	94.1	98.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	99.
GE 500	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
GE 400	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
GE 300	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
GE 200	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
GE 100	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.
GE 000	74.0	82.2	87.9	94.1	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: SEP HOURS: 21-23

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
[illegible]	67.3	67.3	67.3	67.6	67.6	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7
[illegible]	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
[illegible]	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
69.1	71.2	71.2	71.4	71.4	71.7	71.7	71.8	71.8	71.8	71.8	71.8	71.8	71.8
[illegible]	71.9	71.9	72.1	72.1	72.3	72.3	72.4	72.4	72.4	72.4	72.4	72.4	72.4
[illegible]	72.9	72.9	73.1	73.1	73.3	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
[illegible]	76.4	76.4	76.6	76.6	77.0	77.0	77.1	77.1	77.1	77.1	77.1	77.1	77.1
[illegible]	77.7	77.7	78.0	78.0	78.2	78.2	78.3	78.3	78.3	78.3	78.3	78.3	78.3
[illegible]	80.3	80.4	80.9	80.9	81.1	81.1	81.2	81.2	81.2	81.2	81.2	81.2	81.2
[illegible]	81.2	81.3	81.6	81.8	82.0	82.0	82.1	82.1	82.1	82.1	82.1	82.1	82.1
[illegible]	82.1	82.2	82.7	82.7	82.9	82.9	83.0	83.0	83.0	83.0	83.0	83.0	83.0
[illegible]	85.4	85.5	86.0	86.0	86.2	86.2	86.3	86.3	86.3	86.3	86.3	86.3	86.3
[illegible]	85.3	86.4	86.9	86.9	87.1	87.1	87.2	87.2	87.2	87.2	87.2	87.2	87.2
[illegible]	89.2	89.3	89.8	89.8	90.0	90.0	90.1	90.1	90.1	90.1	90.1	90.1	90.1
[illegible]	91.4	91.6	92.0	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3
[illegible]	94.6	94.7	95.1	95.1	95.3	95.3	95.4	95.4	95.4	95.4	95.4	95.4	95.4
[illegible]	96.4	96.6	97.0	97.0	97.2	97.2	97.3	97.3	97.3	97.3	97.3	97.3	97.3
[illegible]	96.9	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	96.9	97.1	97.7	97.7	97.9	97.9	98.0	98.0	98.0	98.0	98.0	98.0	98.0
[illegible]	97.7	97.9	98.4	98.4	98.7	98.7	98.8	98.8	98.8	98.8	98.8	98.8	98.8
[illegible]	97.7	97.9	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	97.7	97.9	98.6	98.7	98.9	98.9	99.0	99.0	99.0	99.0	99.0	99.0	99.0
[illegible]	97.7	97.9	98.6	98.7	99.0	99.1	99.2	99.2	99.2	99.2	99.2	99.2	99.2
[illegible]	97.8	98.0	98.7	98.8	99.1	99.4	99.6	99.6	99.6	99.6	99.6	99.6	99.6
[illegible]	98.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	98.0	98.2	98.9	99.0	99.3	99.7	99.8	99.8	99.8	99.8	99.8	99.8	99.8
[illegible]	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0
[illegible]	98.0	98.2	99.1	99.2	99.6	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1/
NO CEIL	45.1	48.6	52.1	54.9	57.3	57.9	58.9	59.4	59.6	60.0	60.3	60.4	6(
GE 20000	48.2	52.3	56.1	59.2	61.8	62.5	63.6	64.1	64.3	64.8	65.2	65.3	6!
GE 18000	48.3	52.4	56.2	59.3	61.8	62.6	63.7	64.2	64.4	64.9	65.3	65.4	6!
GE 16000	48.3	52.4	56.2	59.3	61.8	62.6	63.7	64.2	64.4	64.9	65.3	65.4	6!
GE 14000	48.4	52.6	56.4	59.5	62.0	62.8	63.8	64.3	64.6	65.1	65.4	65.5	6!
GE 12000	48.9	53.3	57.2	60.3	62.9	63.7	64.8	65.3	65.5	66.0	66.4	66.5	6!
GE 10000	50.5	55.3	59.4	62.6	65.4	66.3	67.4	67.9	68.2	68.7	69.0	69.1	6!
GE 9000	51.3	56.3	60.6	63.9	66.7	67.6	68.7	69.2	69.5	70.0	70.3	70.4	7(
GE 8000	54.1	59.7	64.4	67.7	70.6	71.6	72.8	73.4	73.6	74.2	74.6	74.7	7!
GE 7000	54.7	60.5	65.3	68.6	71.6	72.5	73.8	74.4	74.6	75.2	75.6	75.7	76
GE 6000	55.2	61.0	65.7	69.1	72.1	73.0	74.3	74.9	75.1	75.7	76.1	76.2	76
GE 5000	56.9	62.7	67.6	71.1	74.2	75.2	76.5	77.1	77.4	78.0	78.4	78.5	7!
GE 4500	58.1	64.2	69.2	72.9	76.1	77.1	78.4	79.0	79.2	79.9	80.3	80.4	8(
GE 4000	60.4	66.9	72.1	75.9	79.3	80.3	81.7	82.3	82.6	83.2	83.6	83.8	8!
GE 3500	61.9	68.9	74.3	78.4	82.2	83.2	84.7	85.3	85.6	86.3	86.7	86.8	87
GE 3000	64.1	71.5	77.0	81.4	85.2	86.3	87.9	88.5	88.8	89.4	89.9	90.0	90
GE 2500	65.3	72.9	78.6	83.2	87.1	88.2	89.9	90.5	90.8	91.5	91.9	92.0	92
GE 2000	66.1	73.8	79.7	84.4	88.6	89.7	91.5	92.1	92.4	93.1	93.5	93.6	94
GE 1800	66.3	74.0	79.9	84.6	88.8	90.0	91.7	92.3	92.6	93.3	93.7	93.9	94
GE 1500	66.9	74.7	80.7	85.5	89.9	91.0	92.8	93.5	93.8	94.5	94.9	95.1	95
GE 1200	67.2	75.0	81.1	86.0	90.5	91.8	93.7	94.4	94.7	95.4	95.9	96.0	96
GE 1000	67.3	75.2	81.3	86.3	90.8	92.2	94.0	94.8	95.2	95.9	96.4	96.5	96
GE 900	67.3	75.2	81.4	86.3	91.0	92.3	94.2	95.2	95.5	96.3	96.8	96.9	97
GE 800	67.3	75.3	81.5	86.5	91.2	92.6	94.5	95.5	95.9	96.7	97.2	97.4	97
GE 700	67.4	75.3	81.6	86.6	91.5	92.9	94.9	95.9	96.3	97.1	97.6	97.8	98
GE 600	67.4	75.3	81.6	86.7	91.6	93.0	95.0	96.1	96.5	97.3	97.9	98.0	98
GE 500	67.4	75.3	81.6	86.7	91.6	93.1	95.2	96.3	96.7	97.5	98.1	98.3	98
GE 400	67.4	75.3	81.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.3	98.5	99
GE 300	67.4	75.3	81.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99
GE 200	67.4	75.3	81.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99
GE 100	67.4	75.3	81.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99
GE 000	67.4	75.3	81.6	86.7	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99

TOTAL NUMBER OF OBSERVATIONS 7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: SEP HOURS: ALL

CEILING	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	57.3	57.9	58.9	59.4	59.6	60.0	60.3	60.4	60.7	60.7	61.0	61.1
	61.8	62.5	63.6	64.1	64.3	64.8	65.2	65.3	65.6	65.6	65.9	66.1
	61.8	62.6	63.7	64.2	64.4	64.9	65.3	65.4	65.7	65.7	65.9	66.2
	61.8	62.6	63.7	64.2	64.4	64.9	65.3	65.4	65.7	65.7	65.9	66.2
	62.0	62.8	63.8	64.3	64.6	65.1	65.4	65.5	65.8	65.8	66.1	66.3
	62.9	63.7	64.8	65.3	65.5	66.0	66.4	66.5	66.8	66.8	67.1	67.3
	65.4	66.3	67.4	67.9	68.2	68.7	69.0	69.1	69.4	69.4	69.7	69.9
	66.7	67.6	68.7	69.2	69.5	70.0	70.3	70.4	70.7	70.7	71.0	71.2
	70.6	71.6	72.8	73.4	73.6	74.2	74.6	74.7	75.0	75.0	75.3	75.5
	71.6	72.5	73.8	74.4	74.6	75.2	75.6	75.7	76.0	76.0	76.3	76.5
	72.1	73.0	74.3	74.9	75.1	75.7	76.1	76.2	76.5	76.6	76.8	77.0
	74.2	75.2	76.5	77.1	77.4	78.0	78.4	78.5	78.8	78.8	79.1	79.3
	75.1	77.1	78.4	79.0	79.2	79.9	80.3	80.4	80.7	80.8	81.0	81.2
	79.3	80.3	81.7	82.3	82.6	83.2	83.6	83.8	84.1	84.1	84.4	84.6
	82.2	83.2	84.7	85.3	85.6	86.3	86.7	86.8	87.1	87.2	87.4	87.7
	85.2	86.3	87.9	88.5	88.8	89.4	89.9	90.0	90.3	90.3	90.6	90.9
	87.1	88.2	89.9	90.5	90.8	91.5	91.9	92.0	92.3	92.4	92.7	92.9
	88.6	89.7	91.5	92.1	92.4	93.1	93.5	93.6	94.0	94.0	94.3	94.5
	88.8	90.0	91.7	92.3	92.6	93.3	93.7	93.9	94.2	94.2	94.5	94.8
	89.9	91.0	92.8	93.5	93.8	94.5	94.9	95.1	95.4	95.5	95.7	96.0
	90.5	91.8	93.7	94.4	94.7	95.4	95.9	96.0	96.4	96.4	96.7	97.0
	90.8	92.2	94.0	94.8	95.2	95.9	96.4	96.5	96.9	97.0	97.3	97.5
	91.0	92.3	94.2	95.2	95.5	96.3	96.8	96.9	97.3	97.4	97.7	97.9
	91.2	92.6	94.5	95.5	95.9	96.7	97.2	97.4	97.8	97.8	98.1	98.4
	91.5	92.9	94.9	95.9	96.3	97.1	97.6	97.8	98.2	98.2	98.5	98.8
	91.6	93.0	95.0	96.1	96.5	97.3	97.9	98.0	98.5	98.5	98.8	99.1
	91.6	93.1	95.2	96.3	96.7	97.5	98.1	98.3	98.7	98.8	99.1	99.3
	91.7	93.1	95.3	96.4	96.8	97.7	98.3	98.5	98.9	98.9	99.3	99.5
	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.0	99.1	99.4	99.7
	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.0	99.1	99.5	99.8
	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.1	99.2	99.6	100.0
	91.7	93.1	95.3	96.4	96.8	97.7	98.4	98.5	99.1	99.2	99.6	100.0

OPERATING LOCATION "A" — PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
USAFETAC, ASHEVILLE NC — FROM HOURLY OBSERVAT[illegible]S

STATION NUMBER: 724285 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 — MONTH: OCT HOURS: 00-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	49.4	50.8	52.3	53.0	54.0	54.1	54.7	54.9	55.1	55.2	55.4	55.4	55
GE 20000	52.5	54.0	55.7	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58
GE 18000	52.5	54.0	55.7	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58
GE 16000	52.5	54.0	55.7	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58
GE 14000	52.5	54.0	55.7	56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58
GE 12000	52.6	54.1	55.8	56.6	57.5	57.6	58.3	58.5	58.6	58.7	58.9	58.9	59
GE 10000	54.0	55.7	57.4	58.2	59.1	59.2	59.9	60.1	60.2	60.3	60.5	60.5	60
GE 9000	54.7	56.5	58.3	59.0	60.0	60.1	60.8	61.0	61.1	61.2	61.4	61.4	61
GE 8000	56.8	58.6	60.5	61.6	62.6	62.7	63.3	63.8	63.9	64.0	64.2	64.2	64
GE 7000	58.1	59.9	61.8	63.0	64.2	64.3	65.1	65.5	65.6	65.7	65.9	65.9	66
GE 6000	59.4	61.2	63.2	64.5	65.7	65.8	66.6	67.0	67.1	67.2	67.4	67.4	67
GE 5000	64.2	66.2	68.9	70.9	72.4	72.5	73.2	73.7	73.8	73.9	74.1	74.1	74
GE 4500	66.6	68.6	71.3	73.5	75.3	75.4	76.5	76.9	77.0	77.1	77.3	77.3	77
GE 4000	69.0	71.4	74.1	76.6	78.6	78.7	79.9	80.4	80.5	80.6	81.0	81.0	81
GE 3500	70.3	72.8	75.5	78.2	80.3	80.4	81.6	82.2	82.3	82.4	82.7	82.7	82
GE 3000	72.5	74.9	77.8	80.9	83.9	84.0	85.2	85.7	85.8	85.9	86.2	86.2	86
GE 2500	73.3	76.1	79.4	82.6	85.6	85.7	86.9	87.4	87.5	87.6	88.0	88.0	88
GE 2000	74.4	77.3	80.9	84.4	87.6	87.8	89.0	89.6	89.7	89.8	90.1	90.1	90
GE 1800	74.4	77.3	81.1	84.6	87.8	88.1	89.2	89.8	89.9	90.0	90.3	90.3	90
GE 1500	75.3	78.5	82.4	86.2	89.7	90.0	91.2	91.7	91.8	91.9	92.3	92.4	92
GE 1200	75.5	78.7	82.6	86.7	90.4	90.8	91.9	92.5	92.6	92.7	93.0	93.1	93
GE 1000	76.2	79.6	83.5	87.7	91.7	92.0	93.2	93.8	93.9	94.0	94.3	94.5	94
GE 900	76.8	80.1	84.2	88.6	92.8	93.1	94.4	94.9	95.1	95.2	95.5	95.7	95
GE 800	77.0	80.3	84.8	89.9	94.4	94.7	96.0	96.6	96.7	96.8	97.1	97.3	97
GE 700	77.0	80.3	84.8	89.9	94.4	95.1	96.6	97.2	97.3	97.4	97.7	98.0	98
GE 600	77.0	80.3	84.8	89.9	94.4	95.1	96.8	97.4	97.5	97.6	98.0	98.2	98
GE 500	77.0	80.3	84.8	89.9	94.4	95.3	97.0	97.6	98.1	98.2	98.5	98.7	98
GE 400	77.0	80.3	84.8	89.9	94.4	95.3	97.2	97.8	98.3	98.4	98.7	98.9	99
GE 300	77.0	80.3	84.8	89.9	94.5	95.4	97.3	98.0	98.4	98.5	98.8	99.0	99
GE 200	77.0	80.3	84.8	89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99
GE 100	77.0	80.3	84.8	89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99
GE 000	77.0	80.3	84.8	89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: OCT HOURS: 00-02

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
53.0	54.0	54.1	54.7	54.9	55.1	55.2	55.4	55.4	55.5	55.6	55.6	55.6
56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58.9	59.0	59.0	59.0
56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58.9	59.0	59.0	59.0
56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58.9	59.0	59.0	59.0
56.5	57.4	57.5	58.2	58.4	58.5	58.6	58.8	58.8	58.9	59.0	59.0	59.0
56.6	57.5	57.6	58.3	58.5	58.6	58.7	58.9	58.9	59.0	59.1	59.1	59.1
58.2	59.1	59.2	59.9	60.1	60.2	60.3	60.5	60.5	60.6	60.8	60.8	60.8
59.0	60.0	60.1	60.8	61.0	61.1	61.2	61.4	61.4	61.5	61.6	61.6	61.6
61.6	62.6	62.7	63.3	63.8	63.9	64.0	64.2	64.2	64.3	64.4	64.4	64.4
63.0	64.2	64.3	65.1	65.5	65.6	65.7	65.9	65.9	66.0	66.1	66.1	66.1
64.5	65.7	65.8	66.6	67.0	67.1	67.2	67.4	67.4	67.5	67.6	67.6	67.6
70.9	72.4	72.5	73.2	73.7	73.8	73.9	74.1	74.1	74.2	74.3	74.3	74.3
73.5	75.3	75.4	76.5	76.9	77.0	77.1	77.3	77.3	77.4	77.5	77.5	77.5
76.5	78.6	78.7	79.9	80.4	80.5	80.6	81.0	81.0	81.1	81.2	81.2	81.2
78.2	80.3	80.4	81.6	82.2	82.3	82.4	82.7	82.7	82.8	82.9	82.9	82.9
80.9	83.9	84.0	85.2	85.7	85.8	85.9	86.2	86.2	86.3	86.5	86.5	86.5
82.5	85.6	85.7	86.9	87.4	87.5	87.6	88.0	88.0	88.1	88.2	88.2	88.2
84.4	87.6	87.8	89.0	89.6	89.7	89.8	90.1	90.1	90.2	90.3	90.3	90.3
84.5	87.8	88.1	89.2	89.8	89.9	90.0	90.3	90.3	90.4	90.5	90.5	90.5
86.2	89.7	90.0	91.2	91.7	91.8	91.9	92.3	92.4	92.5	92.6	92.6	92.6
86.7	90.4	90.8	91.9	92.5	92.6	92.7	93.0	93.1	93.2	93.3	93.3	93.3
87.7	91.7	92.0	93.2	93.8	93.9	94.0	94.3	94.5	94.7	94.8	94.8	94.8
88.6	92.8	93.1	94.4	94.9	95.1	95.2	95.5	95.7	95.9	96.0	96.0	96.0
89.9	94.4	94.7	96.0	96.6	96.7	96.8	97.1	97.3	97.5	97.6	97.6	97.6
89.9	94.4	95.1	96.6	97.2	97.3	97.4	97.7	98.0	98.2	98.3	98.3	98.3
89.9	94.4	95.1	96.8	97.4	97.5	97.6	98.0	98.2	98.4	98.5	98.5	98.5
89.9	94.4	95.3	97.0	97.6	98.1	98.2	98.5	98.7	98.9	99.0	99.0	99.0
89.9	94.4	95.3	97.2	97.8	98.3	98.4	98.7	98.9	99.1	99.2	99.2	99.2
89.9	94.5	95.4	97.3	98.0	98.4	98.5	98.8	99.0	99.2	99.4	99.4	99.4
89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99.6	99.7	99.7	99.7
89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99.6	99.7	99.7	99.7
89.9	94.5	95.4	97.3	98.0	98.4	98.6	99.1	99.4	99.6	99.7	99.7	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: OCT HOURS: 03-0

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/
NO CEIL	43.2	43.8	45.9	47.2	48.8	48.8	49.9	50.0	50.4	50.9	51.4	51.4	51.
GE 20000	45.3	45.9	48.1	49.5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.
GE 18000	45.3	45.9	48.1	49.5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.
GE 16000	45.3	45.9	48.1	49.5	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.
GE 14000	45.4	46.0	48.2	49.6	51.2	51.2	52.3	52.4	52.8	53.2	53.8	53.8	54.
GE 12000	46.1	46.8	48.9	50.3	51.9	51.9	53.0	53.1	53.5	54.0	54.5	54.5	54.
GE 10000	47.8	48.5	50.8	52.2	53.8	53.8	55.1	55.2	55.7	56.1	56.7	56.7	56.
GE 9000	48.5	49.1	51.7	53.1	55.1	55.1	56.3	56.5	57.0	57.4	58.0	58.0	58.
GE 8000	51.7	52.4	54.9	56.3	58.4	58.4	59.7	59.9	60.4	60.9	61.4	61.4	61.
GE 7000	53.0	53.7	56.5	57.8	60.2	60.2	61.5	61.7	62.3	62.7	63.2	63.2	63.
GE 6000	55.5	56.1	59.0	60.5	63.1	63.1	64.4	64.6	65.2	65.6	66.1	66.1	66.
GE 5000	60.4	61.3	64.7	66.3	69.1	69.1	70.4	70.6	71.2	71.6	72.2	72.2	72.
GE 4500	62.2	63.4	66.9	68.5	71.6	71.6	72.9	73.3	73.9	74.3	74.8	74.8	75.
GE 4000	63.3	64.6	68.1	69.8	73.3	73.3	74.6	75.1	75.6	76.0	76.7	76.7	76.
GE 3500	64.7	66.0	69.5	71.4	75.2	75.2	76.5	76.9	77.4	77.8	78.6	78.6	78.
GE 3000	66.9	68.5	72.3	74.2	78.1	79.2	79.5	80.0	80.5	81.0	81.8	81.8	82.
GE 2500	68.3	70.0	74.1	76.0	80.2	80.3	81.7	82.4	83.1	83.5	84.4	84.4	84.
GE 2000	69.2	71.0	75.6	77.7	82.7	82.9	84.3	84.9	85.7	86.1	87.0	87.0	87.
GE 1800	69.4	71.1	75.7	77.8	82.8	83.0	84.4	85.1	85.8	86.2	87.1	87.1	87.
GE 1500	70.8	72.7	77.5	79.7	84.8	85.2	86.6	87.2	88.0	88.4	89.2	89.2	89.
GE 1200	71.0	73.0	78.0	80.4	85.7	86.0	87.4	88.1	88.8	89.2	90.1	90.1	90.
GE 1000	71.3	73.5	78.7	81.3	86.6	86.9	88.5	89.2	90.0	90.4	91.3	91.3	91.
GE 900	72.4	74.6	80.0	82.6	87.8	88.2	89.9	90.5	91.3	91.7	92.6	92.6	93.
GE 800	73.0	75.3	80.8	83.9	89.2	89.6	91.3	92.0	92.8	93.2	94.1	94.1	94.
GE 700	73.0	75.3	80.9	84.0	89.5	89.9	91.8	92.6	93.3	93.8	94.6	94.6	95.
GE 600	73.1	75.5	81.1	84.2	89.7	90.2	92.2	92.9	93.8	94.2	95.1	95.1	95.
GE 500	73.1	75.5	81.1	84.3	90.0	90.5	92.5	93.2	94.1	94.5	95.5	95.5	96.
GE 400	73.1	75.5	81.1	84.3	90.0	90.5	93.0	93.9	94.8	95.4	96.3	96.3	97.
GE 300	73.1	75.5	81.1	84.3	90.0	90.6	93.4	94.3	95.5	96.0	97.0	97.0	97.
GE 200	73.1	75.5	81.1	84.3	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.
GE 100	73.1	75.5	81.1	84.3	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.
GE 000	73.1	75.5	81.1	84.3	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

E: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
: + 5 MONTH: OCT HOURS: 03-05

CEILING	VISIBILITY IN STATUTE MILES										
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	48.8	48.8	49.9	50.0	50.4	50.9	51.4	51.4	51.6	51.7	52.2	52.6
	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.9	54.0	54.4	54.8
	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.9	54.0	54.4	54.8
	51.1	51.1	52.2	52.3	52.7	53.1	53.7	53.7	53.9	54.0	54.4	54.8
	51.2	51.2	52.3	52.4	52.8	53.2	53.8	53.8	54.0	54.1	54.5	54.9
	51.9	51.9	53.0	53.1	53.5	54.0	54.5	54.5	54.7	54.8	55.3	55.7
	53.8	53.8	55.1	55.2	55.7	56.1	56.7	56.7	56.9	57.0	57.4	57.8
	55.1	55.1	56.3	56.5	57.0	57.4	58.0	58.0	58.2	58.3	58.7	59.1
	58.4	58.4	59.7	59.9	60.4	60.9	61.4	61.4	61.6	61.7	62.2	62.6
	60.2	60.2	61.5	61.7	62.3	62.7	63.2	63.2	63.4	63.5	64.0	64.4
	63.1	63.1	64.4	64.6	65.2	65.6	66.1	66.1	66.3	66.5	66.9	67.3
	69.1	69.1	70.4	70.6	71.2	71.6	72.2	72.2	72.4	72.5	72.9	73.3
	71.6	71.6	72.9	73.3	73.9	74.3	74.8	74.8	75.1	75.2	75.6	76.0
	73.3	73.3	74.6	75.1	75.6	76.0	76.7	76.7	76.9	77.0	77.4	77.8
	75.2	75.2	76.5	76.9	77.4	77.8	78.6	78.6	78.8	78.9	79.4	79.8
	78.1	78.2	79.5	80.0	80.5	81.0	81.8	81.8	82.0	82.2	82.6	83.0
	80.2	80.3	81.7	82.4	83.1	83.5	84.4	84.4	84.7	84.8	85.3	85.7
	82.7	82.9	84.3	84.9	85.7	86.1	87.0	87.0	87.3	87.4	87.8	88.3
	83.8	83.0	84.4	85.1	85.8	86.2	87.1	87.1	87.4	87.5	88.0	88.4
	84.8	85.2	86.6	87.2	88.0	88.4	89.2	89.2	89.7	89.8	90.2	90.6
	85.7	86.0	87.4	88.1	88.8	89.2	90.1	90.1	90.5	90.6	91.1	91.5
	86.6	86.9	88.6	89.2	90.0	90.4	91.3	91.3	91.7	91.8	92.4	92.8
	87.3	88.2	89.9	90.5	91.3	91.7	92.6	92.6	93.0	93.1	93.7	94.1
	89.2	89.6	91.3	92.0	92.8	93.2	94.1	94.1	94.7	94.8	95.4	95.8
	89.5	89.9	91.8	92.6	93.3	93.8	94.6	94.6	95.3	95.4	95.9	96.3
	89.7	90.2	92.2	92.9	93.8	94.2	95.1	95.1	95.7	95.8	96.3	96.8
	90.0	90.5	92.5	93.2	94.1	94.6	95.6	95.6	96.2	96.3	96.9	97.3
	90.0	90.5	93.0	93.9	94.8	95.4	96.3	96.3	97.0	97.1	97.6	98.1
	90.0	90.6	93.4	94.3	95.5	96.0	97.0	97.0	97.6	97.7	98.3	98.7
	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.1	98.2	98.7	99.6
	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.1	98.2	98.7	99.7
	90.0	90.6	93.4	94.3	95.8	96.3	97.3	97.3	98.1	98.2	98.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: OCT HOURS: 0

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	30.6	32.9	34.9	37.2	39.7	40.5	42.5	43.3	43.9	44.4	44.9	44.9
GE 20000	33.0	35.4	37.4	39.9	42.6	43.4	45.4	46.2	46.8	47.3	47.8	47.8
GE 18000	33.1	35.5	37.5	40.0	42.7	43.5	45.5	46.3	46.9	47.4	48.0	48.0
GE 16000	33.1	35.5	37.5	40.0	42.7	43.5	45.5	46.3	46.9	47.4	48.0	48.0
GE 14000	33.1	35.5	37.5	40.0	42.8	43.7	45.6	46.5	47.0	47.5	48.1	48.1
GE 12000	34.1	36.6	38.6	41.1	43.9	44.7	46.7	47.5	48.1	48.6	49.1	49.1
GE 10000	37.1	39.7	41.8	44.5	47.4	48.5	50.4	51.3	51.9	52.6	53.2	53.2
GE 9000	38.9	41.5	43.8	47.0	49.9	51.0	53.0	53.9	54.5	55.3	55.9	55.9
GE 8000	43.3	46.5	49.0	51.9	55.1	56.2	58.3	59.1	59.8	60.5	61.3	61.3
GE 7000	45.4	48.5	51.1	54.2	57.6	58.8	60.9	61.7	62.4	63.1	63.9	63.9
GE 6000	46.6	49.7	52.3	55.4	58.8	60.0	62.0	62.9	63.5	64.3	65.1	65.1
GE 5000	50.4	53.8	56.7	60.0	63.5	64.7	67.0	67.8	68.5	69.4	70.1	70.1
GE 4500	53.4	56.8	59.7	63.2	66.9	68.1	70.3	71.2	71.8	72.7	73.4	73.4
GE 4000	54.4	58.2	61.2	64.7	68.6	69.9	72.2	73.2	73.9	74.7	75.5	75.5
GE 3500	55.3	59.0	62.3	65.9	70.1	71.7	74.3	75.4	76.0	76.9	77.6	77.6
GE 3000	56.1	59.9	63.3	67.2	71.6	73.2	75.8	77.0	77.6	78.5	79.2	79.2
GE 2500	57.6	61.5	65.1	69.0	73.7	75.3	78.4	79.7	80.3	81.4	82.2	82.2
GE 2000	58.9	62.9	66.7	70.6	75.5	77.1	80.2	81.7	82.4	83.4	84.2	84.2
GE 1800	59.1	63.2	67.0	71.0	75.8	77.4	80.5	82.0	82.7	83.8	84.5	84.5
GE 1500	59.4	63.4	67.3	71.6	76.3	78.5	81.8	83.4	84.1	85.2	86.0	86.0
GE 1200	60.0	64.5	68.6	73.4	79.4	81.1	84.4	86.0	86.7	87.7	88.7	88.7
GE 1000	60.6	65.3	70.0	74.7	80.8	82.5	86.0	87.6	88.3	89.4	90.3	90.3
GE 900	61.3	65.9	70.8	75.5	81.7	83.4	87.2	88.8	89.5	90.6	91.6	91.6
GE 800	61.3	65.9	70.8	75.5	81.9	83.8	87.5	89.1	89.8	91.0	92.0	92.0
GE 700	61.4	66.0	71.0	75.8	82.5	84.5	88.4	90.1	90.8	91.9	93.0	93.0
GE 600	61.5	66.1	71.1	75.9	82.6	84.7	88.7	90.5	91.5	92.7	93.8	93.8
GE 500	61.5	66.2	71.2	76.2	83.0	85.3	89.2	91.2	92.2	93.3	94.6	94.7
GE 400	61.5	66.2	71.2	76.2	83.1	85.4	89.6	91.6	92.6	93.8	95.1	95.4
GE 300	61.5	66.2	71.2	76.2	83.1	85.4	89.7	91.8	92.8	94.1	95.6	95.9
GE 200	61.5	66.2	71.2	76.2	83.1	85.4	89.7	91.8	92.9	94.2	95.9	96.2
GE 100	61.5	66.2	71.2	76.2	83.1	85.4	89.7	91.8	92.9	94.2	96.0	96.3
GE 000	61.5	66.2	71.2	76.2	83.1	85.4	89.7	91.8	92.9	94.2	96.0	96.3

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
GMT TO UTC: + 5 MONTH: OCT HOURS: 06-08

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	37.2	39.7	40.5	42.5	43.3	43.9	44.4	44.9	44.9	45.2	45.3	45.9	46.2
	39.9	42.6	43.4	45.4	46.2	46.8	47.3	47.8	47.8	48.1	48.2	48.8	49.1
	40.0	42.7	43.5	45.5	46.3	46.9	47.4	48.0	48.0	48.2	48.3	48.9	49.2
	40.0	42.7	43.5	45.5	46.3	46.9	47.4	48.0	48.0	48.2	48.3	48.9	49.2
	40.0	42.8	43.7	45.6	46.5	47.0	47.5	48.1	48.1	48.3	48.4	49.0	49.4
	41.1	43.9	44.7	46.7	47.5	48.1	48.6	49.1	49.1	49.4	49.5	50.1	50.4
	44.5	47.4	48.5	50.4	51.3	51.9	52.6	53.2	53.2	53.4	53.5	54.2	54.5
	47.1	49.9	51.0	53.0	53.9	54.5	55.3	55.9	55.9	56.1	56.2	56.9	57.2
	51.9	55.1	56.2	58.3	59.1	59.8	60.5	61.3	61.3	61.5	61.6	62.3	62.6
	54.2	57.6	58.8	60.9	61.7	62.4	63.1	63.9	63.9	64.1	64.2	64.8	65.2
	55.4	58.8	60.0	62.0	62.9	63.5	64.3	65.1	65.1	65.3	65.4	66.0	66.3
	62.3	63.5	64.7	67.0	67.8	68.5	69.4	70.1	70.1	70.3	70.4	71.1	71.4
	63.2	65.9	66.1	70.3	71.2	71.9	72.7	73.4	73.4	73.7	73.8	74.4	74.7
	64.7	68.6	69.9	72.2	73.2	73.9	74.7	75.5	75.5	75.7	75.8	76.5	76.8
	65.9	70.1	71.7	74.3	75.4	76.0	76.9	77.6	77.6	77.8	78.0	78.6	78.9
	67.2	71.6	73.2	75.8	77.0	77.6	78.5	79.2	79.2	79.5	79.6	80.2	80.5
	69.0	73.7	75.3	78.4	79.7	80.3	81.4	82.2	82.2	82.4	82.5	83.1	83.3
	70.6	75.5	77.1	80.2	81.7	82.4	83.4	84.2	84.2	84.4	84.5	85.2	85.3
	71.0	75.8	77.4	80.5	82.0	82.7	83.8	84.5	84.5	84.7	84.8	85.5	86.1
	71.5	76.3	78.5	81.8	83.4	84.1	85.2	86.0	86.0	86.2	86.3	87.0	87.6
	73.4	79.4	81.1	84.4	86.0	86.7	87.7	88.7	88.7	88.9	89.0	89.7	90.3
	74.7	80.8	82.5	86.0	87.6	88.3	89.4	90.3	90.3	90.5	90.6	91.3	91.9
	75.5	81.7	83.4	87.2	88.8	89.5	90.6	91.5	91.6	91.8	91.9	92.6	93.2
	75.5	81.9	83.8	87.5	89.1	89.8	91.0	92.0	92.0	92.3	92.4	93.0	93.8
	75.8	82.5	84.5	88.4	90.1	90.8	91.9	93.0	93.0	93.2	93.3	94.0	94.7
	75.9	82.6	84.7	88.7	90.5	91.5	92.7	93.8	93.8	94.0	94.1	94.7	95.5
	76.2	83.0	85.3	89.2	91.2	92.2	93.3	94.6	94.7	94.9	95.1	95.7	96.5
	76.2	83.1	85.4	89.6	91.6	92.6	93.8	95.1	95.4	95.7	96.0	96.7	97.4
	76.2	83.1	85.4	89.7	91.8	92.8	94.1	95.6	95.9	96.3	96.8	97.6	98.5
	76.2	83.1	85.4	89.7	91.8	92.9	94.2	95.9	96.2	96.7	97.1	98.3	99.5
	76.2	83.1	85.4	89.7	91.8	92.9	94.2	96.0	96.3	96.8	97.2	98.4	99.6
	76.2	83.1	85.4	89.7	91.8	92.9	94.2	96.0	96.3	96.8	97.3	98.5	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: OCT HOURS: 09-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	37.4	39.9	42.2	43.4	44.6	45.2	45.3	45.4	45.5	45.6	45.7	45.7	4
GE 20000	40.9	43.7	46.5	48.0	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	5
GE 18000	40.9	43.7	46.5	48.0	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	5
GE 16000	40.9	43.7	46.5	48.0	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	5
GE 14000	40.9	43.7	46.5	48.0	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	5
GE 12000	41.2	44.1	46.9	48.4	49.7	50.2	50.4	50.5	50.6	50.8	50.9	50.9	5
GE 10000	43.7	46.9	50.0	51.7	53.0	53.5	53.8	53.9	54.0	54.1	54.2	54.2	5
GE 9000	44.4	47.1	51.3	53.1	54.4	54.9	55.2	55.3	55.4	55.5	55.6	55.6	5
GE 8000	48.2	51.6	55.2	57.2	58.7	59.4	59.8	60.0	60.1	60.2	60.3	60.3	6
GE 7000	50.8	54.4	58.2	60.3	61.8	62.5	62.9	63.1	63.2	63.3	63.4	63.4	6
GE 6000	52.2	56.0	59.8	62.3	63.8	64.4	64.8	65.1	65.2	65.3	65.4	65.4	6
GE 5000	55.2	59.5	63.8	66.4	67.4	68.1	68.7	69.0	69.0	69.1	69.2	69.2	6
GE 4500	57.2	61.7	66.3	68.8	70.0	70.6	71.3	71.5	71.6	71.7	71.8	71.8	7
GE 4000	58.8	63.4	68.1	70.6	72.5	73.1	73.9	74.3	74.4	74.5	74.6	74.6	7
GE 3500	59.7	64.5	69.2	71.9	74.2	74.8	75.6	76.0	76.1	76.2	76.3	76.3	7
GE 3000	61.9	66.9	71.8	74.5	77.0	77.6	78.4	78.8	78.9	79.0	79.1	79.1	7
GE 2500	63.5	68.6	73.7	76.5	79.2	79.9	80.9	81.5	81.6	81.8	81.9	81.9	8
GE 2000	65.5	70.8	76.1	79.1	82.0	82.7	83.7	84.4	84.5	84.7	84.8	84.8	8
GE 1800	65.8	71.1	76.5	79.5	82.5	83.1	84.1	84.8	84.9	85.2	85.3	85.3	8
GE 1500	67.3	72.9	78.1	82.5	86.2	87.2	88.4	89.1	89.2	89.5	89.6	89.6	8
GE 1200	68.2	74.3	81.0	84.3	88.5	89.7	90.9	91.8	91.9	92.2	92.3	92.3	9
GE 1000	69.4	74.6	81.6	85.1	89.6	90.9	92.2	93.1	93.3	93.5	93.8	93.8	9
GE 900	69.5	74.8	81.8	85.3	89.9	91.2	92.6	93.5	93.7	94.1	94.3	94.3	9
GE 800	69.5	75.1	82.0	85.7	90.3	91.7	93.5	94.5	94.7	95.1	95.4	95.4	9
GE 700	69.8	75.5	82.5	86.3	91.3	92.7	94.6	95.7	95.9	96.3	96.7	96.7	9
GE 600	69.8	75.5	82.5	86.5	91.4	93.1	95.3	96.3	96.7	97.2	97.5	97.5	9
GE 500	69.8	75.5	82.5	86.5	91.7	93.4	95.6	96.6	97.1	97.7	98.2	98.3	9
GE 400	69.8	75.5	82.5	86.5	91.7	93.4	95.6	96.9	97.2	98.0	98.4	98.5	9
GE 300	69.8	75.5	82.5	86.5	91.7	93.4	95.7	97.0	97.3	98.2	98.7	98.8	9
GE 200	69.8	75.5	82.5	86.5	91.7	93.4	95.7	97.0	97.3	98.2	98.9	99.0	9
GE 100	69.8	75.5	82.5	86.5	91.7	93.4	95.7	97.0	97.3	98.2	98.9	99.0	9
GE 000	69.8	75.5	82.5	86.5	91.7	93.4	95.7	97.0	97.3	98.2	98.9	99.0	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: OCT HOURS: 09-11

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	44.6	45.2	45.3	45.4	45.5	45.6	45.7	45.7	45.7	45.8	45.9	46.2
	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.6	51.0
	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.6	51.0
	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.6	51.0
	49.2	49.8	50.0	50.1	50.2	50.3	50.4	50.4	50.4	50.5	50.6	51.0
	49.7	50.2	50.4	50.5	50.6	50.8	50.9	50.9	50.9	51.0	51.1	51.4
	53.0	53.6	53.8	53.9	54.0	54.1	54.2	54.2	54.2	54.3	54.4	54.7
	54.4	54.9	55.2	55.3	55.4	55.5	55.6	55.6	55.6	55.7	55.8	56.1
	58.7	59.4	59.8	60.0	60.1	60.2	60.3	60.3	60.3	60.4	60.5	60.9
	61.8	62.5	62.9	63.1	63.2	63.3	63.4	63.4	63.4	63.5	63.7	64.0
	63.8	64.4	64.8	65.1	65.2	65.3	65.4	65.4	65.4	65.5	65.6	65.9
	67.4	68.1	68.7	68.9	69.0	69.1	69.2	69.2	69.2	69.4	69.5	69.8
	70.9	70.5	71.3	71.5	71.6	71.7	71.8	71.8	71.8	71.9	72.0	72.4
	72.6	73.1	73.9	74.3	74.4	74.5	74.6	74.6	74.6	74.7	74.8	75.2
	74.2	74.8	75.6	76.0	76.1	76.2	76.3	76.3	76.3	76.5	76.6	76.9
	77.0	77.6	78.4	78.8	78.9	79.0	79.1	79.1	79.1	79.2	79.4	79.7
	79.2	79.9	80.7	81.5	81.6	81.8	81.9	81.9	81.9	82.0	82.2	82.5
	83.0	83.7	84.7	84.4	84.5	84.7	84.8	84.8	84.8	84.9	85.1	85.5
	82.5	83.1	84.1	84.8	84.9	85.2	85.3	85.3	85.3	85.4	85.5	85.9
	85.2	87.2	88.4	89.1	89.2	89.5	89.6	89.6	89.6	89.7	89.8	90.2
	88.5	89.7	90.9	91.8	91.9	92.2	92.3	92.3	92.3	92.4	92.5	92.9
	90.6	91.9	92.7	93.1	93.3	93.5	93.9	93.9	93.9	94.0	94.1	94.5
	90.9	91.2	92.0	93.0	94.1	94.3	94.6	94.6	94.6	94.7	94.8	95.3
	91.3	91.7	93.5	94.5	94.7	95.1	95.4	95.4	95.4	95.5	95.6	96.0
	91.3	92.7	94.6	95.7	95.9	96.3	96.7	96.7	96.7	96.8	96.9	97.3
	91.4	93.1	95.3	96.3	96.7	97.2	97.5	97.5	97.5	97.6	97.7	98.2
	91.7	93.4	95.6	96.9	97.1	97.7	98.2	98.3	98.4	98.5	98.6	99.0
	91.7	93.4	95.6	96.9	97.2	98.0	98.4	98.5	98.6	98.7	98.8	99.2
	91.7	93.4	95.7	97.0	97.3	98.2	98.7	98.8	98.9	99.0	99.2	99.8
	91.7	93.4	95.7	97.0	97.3	98.2	98.9	99.0	99.1	99.2	99.5	100.0
	91.7	93.4	95.7	97.0	97.3	98.2	98.9	99.0	99.1	99.2	99.5	100.0
	91.7	93.4	95.7	97.0	97.3	98.2	98.9	99.0	99.1	99.2	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: OCT HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 5	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	41.3	42.5	43.3	43.7	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20000	46.7	48.3	49.5	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 18000	46.7	48.3	49.5	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16000	46.7	48.3	49.5	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14000	46.9	48.5	49.7	50.1	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12000	47.5	49.1	50.3	50.9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10000	50.3	52.0	53.3	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 9000	51.7	53.7	54.9	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8000	55.1	57.2	58.8	59.4	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7000	56.5	58.7	60.8	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 6000	58.6	60.9	61.2	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5000	63.3	64.0	63.4	64.0	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4500	64.7	65.5	65.1	65.6	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 4000	68.3	69.1	68.7	69.4	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2
GE 3500	68.2	69.2	71.9	72.7	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8
GE 3000	71.7	74.8	77.7	78.5	79.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8
GE 2500	75.4	78.7	81.9	83.2	84.2	84.5	84.9	85.1	85.1	85.1	85.1	85.1
GE 2000	77.0	80.4	84.1	85.4	86.3	86.7	87.2	87.3	87.3	87.3	87.3	87.3
GE 1800	77.5	81.0	84.8	86.3	87.3	87.6	88.2	88.3	88.3	88.3	88.3	88.3
GE 1500	78.4	82.4	87.1	88.6	90.0	90.4	91.1	91.4	91.4	91.4	91.4	91.4
GE 1200	80.1	84.4	89.5	91.0	92.7	93.4	94.5	94.9	95.1	95.1	95.1	95.1
GE 1000	80.2	84.7	90.0	91.6	93.4	94.4	95.6	96.0	96.1	96.1	96.1	96.1
GE 900	80.6	85.3	90.5	92.2	94.0	95.3	96.5	97.3	97.4	97.4	97.4	97.4
GE 800	81.0	85.7	91.2	92.9	94.7	96.2	98.0	98.6	98.7	98.7	98.7	98.7
GE 700	81.0	85.7	91.3	93.1	95.1	96.6	98.3	99.0	99.4	99.5	99.5	99.5
GE 600	81.0	85.7	91.3	93.1	95.1	96.6	98.3	99.1	99.5	99.6	99.7	99.7
GE 500	81.0	85.7	91.3	93.2	95.2	96.7	98.4	99.2	99.7	99.8	99.9	99.9
GE 400	81.0	85.7	91.3	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0
GE 300	81.0	85.7	91.3	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0
GE 200	81.0	85.7	91.3	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0
GE 100	81.0	85.7	91.3	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0
GE 000	81.0	85.7	91.3	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: OCT HOURS: 12-14

	VISIBILITY IN STATUTE MILES												
CEILING IN HUNDREDS OF FEET	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
GE 22	43.7	43.9	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1	44.1
GE 20	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 18	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 16	49.9	50.3	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5	50.5
GE 14	50.1	50.5	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8	50.8
GE 12	50.9	51.3	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5	51.5
GE 10	53.9	54.3	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5	54.5
GE 9	55.5	55.9	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1	56.1
GE 8	59.4	59.8	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0	60.0
GE 7	61.3	61.7	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9	61.9
GE 6	61.7	62.2	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4	62.4
GE 5	64.0	64.5	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7	64.7
GE 4	65.5	66.1	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3	66.3
GE 3	69.4	69.9	70.1	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
GE 2	72.7	73.3	73.5	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8	73.8
GE 1	75.5	79.1	79.5	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8	79.8
GE 0	83.2	84.2	84.5	84.9	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1	85.1
	85.4	86.3	86.7	87.2	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3	87.3
	86.3	87.3	87.6	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3	88.3
	88.6	90.0	90.4	91.1	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4	91.4
	91.0	92.7	93.4	94.5	94.9	95.1	95.1	95.1	95.1	95.1	95.1	95.1	95.1
	91.6	93.4	94.4	95.6	96.0	96.1	96.1	96.1	96.1	96.1	96.1	96.1	96.1
	92.2	94.0	95.3	96.8	97.3	97.4	97.4	97.4	97.4	97.4	97.4	97.4	97.4
	92.9	94.7	96.2	98.0	98.6	98.7	98.7	98.7	98.7	98.7	98.7	98.7	98.7
	93.1	95.1	96.6	98.3	99.0	99.4	99.5	99.5	99.5	99.5	99.5	99.5	99.5
	93.1	95.1	96.6	98.3	99.1	99.5	99.6	99.7	99.7	99.7	99.7	99.7	99.7
	93.2	95.2	96.7	98.4	99.2	99.7	99.8	99.9	99.9	99.9	99.9	99.9	99.9
	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0
	93.2	95.2	96.7	98.4	99.4	99.8	99.9	100.0	100.0	100.0	100.0	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: OCT HOURS: 15-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	43.4	44.4	44.9	45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.
GE 20000	51.9	53.1	53.9	54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.
GE 18000	52.0	53.2	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
GE 16000	52.0	53.2	54.0	54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.
GE 14000	52.6	53.8	54.5	54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.
GE 12000	53.9	55.2	55.9	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.
GE 10000	54.9	56.5	57.5	57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.
GE 9000	55.0	57.5	58.7	59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.
GE 8000	60.3	62.2	63.4	63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.
GE 7000	61.9	63.9	65.2	65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.
GE 6000	62.9	64.7	66.1	66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.
GE 5000	63.9	65.8	67.5	68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.
GE 4500	65.2	67.4	69.1	70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.
GE 4000	69.7	72.2	74.0	74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.
GE 3500	73.5	76.2	78.1	79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.
GE 3000	78.0	80.9	82.8	84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.
GE 2500	80.2	84.0	86.3	88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.
GE 2000	82.5	86.0	88.9	90.6	91.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.
GE 1800	82.8	86.3	89.4	91.1	91.9	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.
GE 1500	83.0	86.9	89.9	91.7	93.4	93.7	94.2	94.3	94.4	94.4	94.4	94.4	94.
GE 1200	83.9	88.0	91.1	92.9	94.9	95.3	96.1	96.2	96.3	96.3	96.3	96.3	96.
GE 1000	83.9	88.1	91.4	93.4	95.9	96.3	97.5	97.6	97.7	97.7	97.7	97.7	97.
GE 900	84.1	88.3	91.6	93.7	96.1	96.6	97.7	97.8	98.0	98.0	98.0	98.0	98.
GE 800	84.3	88.7	92.0	94.2	96.9	97.4	98.6	98.8	98.9	98.9	98.9	98.9	98.
GE 700	84.3	88.7	92.2	94.4	97.2	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.
GE 600	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE 500	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE 400	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE 300	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE 200	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE 100	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.
GE 000	84.3	88.7	92.2	94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 - FEB 88
TO UTC: + 5 MONTH: OCT HOURS: 15-17

	VISIBILITY IN STATUTE MILES											
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
45.3	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4	45.4
54.2	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3	54.3
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.3	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4	54.4
54.8	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9	54.9
56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
57.8	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0	58.0
59.0	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1	59.1
63.8	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9	63.9
65.5	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6	65.6
66.5	66.7	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8	66.8
68.1	68.3	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4	68.4
70.0	70.2	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3	70.3
74.9	75.2	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3	75.3
79.5	79.8	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9	79.9
84.2	84.7	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8	84.8
88.1	88.8	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9	88.9
90.6	91.5	91.7	92.0	92.2	92.3	92.3	92.3	92.3	92.3	92.3	92.3	92.3
91.1	91.9	92.2	92.5	92.6	92.7	92.7	92.7	92.7	92.7	92.7	92.7	92.7
91.7	93.4	93.7	94.2	94.3	94.4	94.4	94.4	94.4	94.4	94.4	94.4	94.4
92.9	94.9	95.3	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3	96.3	96.3
93.4	95.9	96.3	97.5	97.6	97.7	97.7	97.7	97.7	97.7	97.7	97.7	97.7
93.7	96.1	96.6	97.7	97.8	98.0	98.0	98.0	98.0	98.0	98.0	98.0	98.0
94.2	96.9	97.4	98.5	98.8	98.9	98.9	98.9	98.9	98.9	98.9	98.9	98.9
94.4	97.2	97.7	99.0	99.2	99.4	99.4	99.4	99.4	99.4	99.4	99.4	99.4
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
94.4	97.4	98.2	99.5	99.9	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: OCT HOUR

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/
NO CEIL	45.3	46.3	47.2	47.3	48.0	48.0	48.3	48.3	48.3	48.3	48.3	48.
GE 20000	52.0	53.5	54.8	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.
GE 18000	52.0	53.5	54.8	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.
GE 16000	52.0	53.5	54.8	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.
GE 14000	52.4	53.9	55.2	55.4	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.
GE 12000	52.8	54.3	55.6	55.8	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.
GE 10000	55.4	57.0	58.3	58.5	59.1	59.1	59.5	59.5	59.5	59.5	59.5	59.
GE 9000	55.8	57.4	58.7	58.9	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.
GE 8000	58.6	60.2	61.8	62.0	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.
GE 7000	59.7	61.3	63.0	63.4	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.
GE 6000	61.0	62.7	64.4	64.8	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.
GE 5000	64.6	66.3	68.3	68.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.
GE 4500	67.6	69.6	71.6	72.3	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.
GE 4000	71.6	73.9	75.8	76.9	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.
GE 3500	74.8	77.2	79.6	80.9	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.
GE 3000	77.0	79.5	81.9	83.7	85.7	86.0	86.6	86.6	86.6	86.6	86.6	86.
GE 2500	79.1	82.0	84.7	86.7	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.
GE 2000	80.8	84.1	87.0	89.0	91.6	92.2	92.8	92.8	92.8	92.8	92.8	92.
GE 1800	81.1	84.4	87.3	89.4	92.2	92.7	93.4	93.4	93.4	93.4	93.4	93.
GE 1500	81.6	85.1	88.1	90.3	93.3	94.0	94.8	94.8	94.8	94.8	94.8	94.
GE 1200	81.9	85.6	88.6	91.0	94.4	95.2	96.5	96.7	96.7	96.7	96.7	96.
GE 1000	81.9	85.7	88.9	91.6	95.8	96.6	98.1	98.3	98.3	98.3	98.3	98.
GE 900	81.9	85.7	88.9	91.6	95.8	96.6	98.1	98.3	98.3	98.3	98.3	98.
GE 800	81.9	85.7	88.9	91.6	96.1	96.9	98.8	99.1	99.1	99.1	99.1	99.
GE 700	81.9	85.8	89.1	91.8	96.6	97.3	99.4	99.7	99.7	99.7	99.7	99.
GE 600	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	99.8	99.8	99.8	99.
GE 500	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	99.8	99.8	99.8	99.
GE 400	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	99.8	99.8	99.8	99.
GE 300	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.
GE 200	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.
GE 100	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.
GE 000	81.9	85.8	89.1	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: OCT HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	47.3	48.0	48.0	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3	48.3
	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
	55.1	55.7	55.7	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0	56.0
	55.4	56.0	56.0	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	55.8	56.5	56.5	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8	56.8
	58.5	59.1	59.1	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5	59.5
	58.9	59.6	59.6	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9	59.9
	62.0	62.9	62.9	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2	63.2
	63.4	64.3	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6	64.6
	64.8	65.7	65.7	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	68.9	69.9	69.9	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2	70.2
	72.3	73.5	73.5	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9	73.9
	76.9	78.3	78.3	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6	78.6
	80.9	82.5	82.5	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8	82.8
	83.7	85.7	86.0	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6	86.6
	86.7	89.0	89.6	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1	90.1
	89.0	91.6	92.2	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8	92.8
	90.4	92.2	92.7	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4	93.4
	90.3	93.3	94.0	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8	94.8
	91.0	94.4	95.2	96.5	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7	96.7
	91.5	95.8	96.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	91.5	95.8	96.6	98.1	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3	98.3
	91.6	96.1	96.9	98.8	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1	99.1
	91.7	96.6	97.3	99.4	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7	99.7
	91.9	96.7	97.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	91.9	96.7	97.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	91.9	96.7	97.4	99.5	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8	99.8
	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0
	91.9	96.7	97.4	99.5	99.8	100.0	100.0	100.0	100.0	100.0	100.0	100.0	100.0

930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: OCT HOURS: 21

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	49.4	50.1	50.8	51.6	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6
GE 20000	52.4	53.4	54.5	55.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 18000	52.4	53.4	54.5	55.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 16000	52.4	53.4	54.5	55.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5
GE 14000	52.5	53.5	54.7	55.6	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7
GE 12000	53.0	54.1	55.3	56.1	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2
GE 10000	56.7	57.7	58.9	59.8	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2
GE 9000	57.4	58.5	59.7	60.5	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9
GE 8000	59.2	60.3	61.8	63.0	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6
GE 7000	60.2	61.3	62.9	64.5	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1
GE 6000	61.4	62.5	64.3	65.9	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5
GE 5000	65.4	66.7	68.7	70.5	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4
GE 4500	69.6	71.0	73.0	75.1	76.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3
GE 4000	73.8	75.3	77.4	79.7	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9
GE 3500	75.6	77.4	79.8	82.5	84.2	84.5	84.9	84.9	84.9	84.9	84.9	84.9
GE 3000	77.3	79.4	81.8	85.1	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3
GE 2500	78.3	81.3	83.9	87.8	90.2	90.6	91.2	91.2	91.2	91.2	91.2	91.2
GE 2000	80.2	82.7	85.5	89.6	92.3	92.7	93.2	93.2	93.2	93.2	93.2	93.2
GE 1800	80.2	82.7	85.6	89.7	92.4	92.8	93.3	93.3	93.3	93.3	93.3	93.3
GE 1500	81.1	83.7	86.6	90.8	93.4	93.9	94.5	94.5	94.5	94.5	94.5	94.6
GE 1200	81.4	84.0	87.0	91.3	94.2	94.6	95.3	95.3	95.3	95.3	95.3	95.4
GE 1000	81.5	84.2	87.4	91.8	94.9	95.4	96.3	96.3	96.3	96.3	96.3	96.5
GE 900	81.6	84.3	87.5	92.4	95.5	95.9	96.9	96.9	96.9	96.9	96.9	97.0
GE 800	81.6	84.3	87.6	92.7	96.2	96.7	97.6	97.7	97.7	97.7	97.7	97.8
GE 700	81.6	84.4	88.2	93.2	96.9	97.3	98.4	98.5	98.5	98.5	98.5	98.6
GE 600	81.6	84.4	88.2	93.3	97.0	97.4	98.6	98.7	98.8	98.8	98.8	98.9
GE 500	81.6	84.4	88.2	93.4	97.1	97.5	99.0	99.1	99.2	99.2	99.2	99.4
GE 400	81.6	84.4	88.2	93.4	97.1	97.5	99.0	99.1	99.2	99.2	99.4	99.5
GE 300	81.6	84.4	88.2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7
GE 200	81.6	84.4	88.2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7
GE 100	81.6	84.4	88.2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7
GE 000	81.6	84.4	88.2	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: OCT HOURS: 21-23

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
7	51.6	52.4	52.5	52.6	52.6	52.6	52.6	52.6	52.6	52.7	52.7	52.7	52.8
6	56.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
5	56.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
4	56.4	56.2	56.3	56.5	56.5	56.5	56.5	56.5	56.5	56.6	56.6	56.6	56.7
3	56.6	56.5	56.6	56.7	56.7	56.7	56.7	56.7	56.7	56.8	56.8	56.8	56.9
2	56.1	57.0	57.1	57.2	57.2	57.2	57.2	57.2	57.2	57.3	57.3	57.3	57.4
3	59.8	60.8	60.9	61.2	61.2	61.2	61.2	61.2	61.2	61.3	61.3	61.3	61.4
2	60.5	61.5	61.6	61.9	61.9	61.9	61.9	61.9	61.9	62.0	62.0	62.0	62.2
7	63.0	64.2	64.3	64.6	64.6	64.6	64.6	64.6	64.6	64.7	64.7	64.7	64.8
2	64.5	65.7	65.8	66.1	66.1	66.1	66.1	66.1	66.1	66.2	66.2	66.2	66.3
6	65.9	67.1	67.2	67.5	67.5	67.5	67.5	67.5	67.5	67.6	67.6	67.6	67.7
5	70.5	71.9	72.0	72.4	72.4	72.4	72.4	72.4	72.4	72.5	72.5	72.5	72.6
4	75.1	76.6	76.9	77.3	77.3	77.3	77.3	77.3	77.3	77.4	77.4	77.4	77.5
3	79.7	81.2	81.5	81.9	81.9	81.9	81.9	81.9	81.9	82.0	82.0	82.0	82.2
1	82.5	84.2	84.5	84.9	84.9	84.9	84.9	84.9	84.9	85.1	85.1	85.1	85.2
4	85.1	87.4	87.8	88.3	88.3	88.3	88.3	88.3	88.3	88.4	88.4	88.4	88.5
3	87.3	90.2	90.6	91.2	91.2	91.2	91.2	91.2	91.2	91.3	91.3	91.3	91.4
4	89.6	92.3	92.7	93.2	93.2	93.2	93.2	93.2	93.2	93.3	93.3	93.3	93.4
7	89.7	92.4	92.8	93.3	93.3	93.3	93.3	93.3	93.3	93.4	93.4	93.4	93.5
5	90.8	93.4	93.9	94.5	94.5	94.5	94.5	94.5	94.6	94.7	94.7	94.7	94.8
	91.3	94.2	94.6	95.3	95.3	95.3	95.3	95.3	95.4	95.5	95.5	95.5	95.6
	91.4	94.9	95.4	96.3	96.3	96.3	96.3	96.3	96.5	96.6	96.6	96.6	96.7
	92.4	95.5	95.9	96.9	96.9	96.9	96.9	96.9	97.0	97.1	97.1	97.1	97.2
	92.7	96.2	96.7	97.6	97.7	97.7	97.7	97.7	97.8	98.0	98.0	98.0	98.1
	93.2	96.9	97.3	98.4	98.5	98.5	98.5	98.5	98.6	98.7	98.7	98.7	98.8
	93.3	97.0	97.4	98.6	98.7	98.8	98.8	98.8	98.9	99.0	99.0	99.0	99.1
	93.4	97.1	97.5	99.0	99.1	99.2	99.2	99.2	99.4	99.5	99.5	99.5	99.6
	93.4	97.1	97.5	99.0	99.1	99.2	99.2	99.4	99.5	99.6	99.6	99.6	99.7
	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.9
	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.9
	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	99.9
	93.4	97.1	97.5	99.0	99.1	99.5	99.5	99.6	99.7	99.8	99.8	99.8	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: OCT HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	42.5	43.8	45.2	46.1	47.1	47.3	47.8	48.0	48.1	48.3	48.5	48.5	48
GE 20000	46.8	48.4	50.0	51.0	52.1	52.3	52.9	53.0	53.2	53.3	53.5	53.5	53
GE 18000	46.9	48.4	50.1	51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53
GE 16000	46.9	48.4	50.1	51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53
GE 14000	47.0	48.6	50.2	51.2	52.3	52.6	53.1	53.3	53.4	53.5	53.7	53.7	53
GE 12000	47.6	49.3	50.9	51.9	53.0	53.2	53.8	53.9	54.1	54.2	54.4	54.4	54
GE 10000	50.0	51.7	53.5	54.6	55.7	55.9	56.5	56.7	56.9	57.0	57.2	57.2	57
GE 9000	51.0	52.8	54.7	55.8	56.9	57.2	57.8	58.0	58.1	58.3	58.5	58.5	58
GE 8000	54.2	56.1	58.2	59.4	60.7	61.0	61.6	61.8	62.0	62.2	62.4	62.4	62
GE 7000	55.7	57.7	59.9	61.3	62.6	62.9	63.6	63.8	64.0	64.1	64.3	64.3	64
GE 6000	56.9	59.0	61.3	62.7	64.1	64.4	65.1	65.3	65.5	65.6	65.8	65.8	65
GE 5000	60.3	62.5	65.2	66.6	68.4	68.7	69.4	69.6	69.8	70.0	70.2	70.2	70
GE 4500	62.7	65.1	67.8	69.5	71.3	71.6	72.4	72.6	72.8	73.0	73.2	73.2	73
GE 4000	65.5	68.1	70.9	72.8	74.7	75.0	75.8	76.1	76.3	76.5	76.7	76.7	76
GE 3500	67.5	70.3	73.2	75.4	77.4	77.8	78.7	79.0	79.2	79.3	79.6	79.6	79
GE 3000	70.2	73.1	76.2	78.5	80.9	81.4	82.3	82.6	82.8	83.0	83.2	83.2	83
GE 2500	72.1	75.3	78.6	81.3	83.9	84.4	85.4	85.6	86.0	86.2	86.5	86.5	86
GE 2000	73.5	76.9	80.6	83.3	86.2	86.7	87.8	88.3	88.5	88.7	89.0	89.0	88
GE 1800	73.8	77.1	80.9	83.7	86.6	87.1	88.2	88.7	88.9	89.1	89.4	89.4	89
GE 1500	74.6	78.2	82.2	85.2	88.5	89.1	90.3	90.8	91.0	91.3	91.5	91.6	91
GE 1200	75.2	79.1	83.3	86.4	90.0	90.8	92.1	92.7	92.9	93.1	93.4	93.5	93
GE 1000	75.5	79.5	84.0	87.2	91.1	91.9	93.4	94.0	94.2	94.5	94.8	94.8	94
GE 900	75.9	79.9	84.4	87.7	91.7	92.5	94.2	94.8	95.1	95.3	95.6	95.6	95
GE 800	76.1	80.1	84.8	88.3	92.5	93.4	95.2	95.8	96.1	96.3	96.6	96.7	96
GE 700	76.2	80.2	85.0	88.6	92.9	93.9	95.8	96.5	96.8	97.1	97.4	97.4	97
GE 600	76.2	80.3	85.0	88.7	93.0	94.1	96.1	96.8	97.2	97.5	97.8	97.9	98
GE 500	76.2	80.3	85.0	88.7	93.2	94.3	96.3	97.1	97.5	97.8	98.2	98.3	98
GE 400	76.2	80.3	85.0	88.7	93.2	94.3	96.5	97.3	97.7	98.1	98.5	98.5	98
GE 300	76.2	80.3	85.0	88.7	93.2	94.3	96.6	97.4	97.9	98.3	98.7	98.8	99
GE 200	76.2	80.3	85.0	88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99
GE 100	76.2	80.3	85.0	88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99
GE 000	76.2	80.3	85.0	88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99

TOTAL NUMBER OF OBSERVATIONS 7440

TY

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: OCT HOURS: ALL

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
46.1	47.1	47.3	47.8	48.0	48.1	48.3	48.5	48.5	48.5	48.6	48.8	48.9
51.0	52.1	52.3	52.9	53.0	53.2	53.3	53.5	53.5	53.6	53.6	53.8	53.9
51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53.6	53.7	53.8	54.0
51.1	52.1	52.4	52.9	53.1	53.2	53.4	53.5	53.5	53.6	53.7	53.8	54.0
51.2	52.3	52.6	53.1	53.3	53.4	53.5	53.7	53.7	53.8	53.9	54.0	54.2
51.9	53.0	53.2	53.8	53.9	54.1	54.2	54.4	54.4	54.5	54.5	54.7	54.8
54.5	55.7	55.9	56.5	56.7	56.9	57.0	57.2	57.2	57.3	57.4	57.5	57.6
55.3	56.9	57.2	57.8	58.0	58.1	58.3	58.5	58.5	58.6	58.6	58.8	58.9
59.4	60.7	61.0	61.6	61.8	62.0	62.2	62.4	62.4	62.4	62.5	62.6	62.8
61.3	62.6	62.9	63.6	63.8	64.0	64.1	64.3	64.3	64.4	64.5	64.6	64.8
62.7	64.1	64.4	65.1	65.3	65.5	65.6	65.8	65.8	65.9	66.0	66.1	66.3
66.8	68.4	68.7	69.4	69.6	69.8	70.0	70.2	70.2	70.2	70.3	70.4	70.6
70.5	71.3	71.6	72.4	72.6	72.8	73.0	73.2	73.2	73.2	73.3	73.4	73.6
72.8	74.7	75.0	75.8	76.1	76.3	76.5	76.7	76.7	76.8	76.9	77.0	77.2
75.4	77.4	77.8	78.7	79.0	79.2	79.3	79.6	79.6	79.7	79.7	79.9	80.0
78.5	80.9	81.4	82.3	82.6	82.8	83.0	83.2	83.2	83.3	83.4	83.5	83.7
81.3	83.9	84.4	85.4	85.8	86.0	86.2	86.5	86.5	86.6	86.6	86.8	86.9
83.3	85.2	86.7	87.8	88.3	88.5	88.7	89.0	89.0	89.1	89.1	89.3	89.5
83.7	85.6	87.1	88.2	88.7	88.9	89.1	89.4	89.4	89.5	89.5	89.7	89.9
85.2	88.5	89.1	90.3	90.8	91.0	91.3	91.5	91.6	91.7	91.7	91.9	92.1
86.4	90.0	90.8	92.1	92.7	92.9	93.1	93.4	93.5	93.6	93.6	93.8	94.0
87.2	91.1	91.9	93.4	94.0	94.2	94.5	94.8	94.8	94.9	95.0	95.2	95.4
87.7	91.7	92.5	94.2	94.8	95.1	95.3	95.6	95.6	95.8	95.8	96.0	96.2
88.3	92.5	93.4	95.2	95.8	96.1	96.3	96.6	96.7	96.8	96.9	97.0	97.3
88.6	92.9	93.9	95.8	96.5	96.8	97.1	97.4	97.4	97.6	97.6	97.8	98.0
88.7	93.0	94.1	96.1	96.8	97.2	97.5	97.8	97.9	98.0	98.1	98.2	98.4
88.7	93.2	94.3	96.3	97.1	97.5	97.8	98.2	98.3	98.5	98.5	98.7	98.9
88.7	93.2	94.3	96.5	97.3	97.7	98.1	98.5	98.5	98.7	98.8	99.0	99.2
88.7	93.2	94.3	96.6	97.4	97.9	98.3	98.7	98.8	99.0	99.1	99.3	99.5
88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99.2	99.2	99.5	99.8
88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99.2	99.3	99.5	99.9
88.7	93.2	94.3	96.6	97.4	98.0	98.3	98.9	99.0	99.2	99.3	99.5	100.0

7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: NOV HOURS: 00

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	38.2	39.2	40.0	40.9	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1
GE 20000	41.9	43.0	43.8	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0
GE 18000	41.9	43.0	43.8	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0
GE 16000	41.9	43.0	43.8	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0
GE 14000	42.1	43.2	44.0	45.0	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2
GE 12000	42.6	43.8	44.6	45.6	46.3	46.3	46.8	46.8	46.8	46.8	46.8	46.8
GE 10000	44.9	46.1	47.0	48.1	48.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3
GE 9000	45.9	47.1	48.2	49.3	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6
GE 8000	48.4	49.9	51.0	52.3	53.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7
GE 7000	50.9	52.6	53.7	55.0	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3
GE 6000	51.4	53.2	54.3	55.7	56.6	56.6	57.0	57.0	57.0	57.0	57.0	57.0
GE 5000	53.9	55.9	57.0	58.3	59.2	59.2	59.7	59.7	59.7	59.7	59.7	59.7
GE 4500	56.0	58.1	59.2	60.7	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0
GE 4000	59.3	61.7	63.1	64.9	66.1	66.1	66.6	66.6	66.6	66.6	66.6	66.6
GE 3500	61.8	64.6	66.3	68.1	69.3	69.3	69.8	69.8	69.8	69.8	69.8	69.8
GE 3000	64.8	67.9	69.8	71.8	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6
GE 2500	68.6	72.4	74.3	77.0	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0
GE 2000	71.6	75.8	78.4	81.2	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6
GE 1800	71.9	76.2	78.9	81.3	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1
GE 1500	74.3	78.9	81.6	84.9	86.9	86.9	87.7	87.7	87.7	87.8	87.8	87.8
GE 1200	76.3	80.9	83.8	87.3	89.3	89.6	90.3	90.3	90.3	90.4	90.4	90.4
GE 1000	77.2	82.0	85.9	89.8	92.2	92.6	93.3	93.4	93.4	93.6	93.6	93.6
GE 900	77.3	82.1	86.1	90.2	92.7	93.0	93.9	94.0	94.0	94.1	94.1	94.1
GE 800	77.4	82.2	86.2	90.6	93.3	93.7	94.7	94.8	94.8	94.9	94.9	94.9
GE 700	77.4	82.3	86.9	91.3	94.3	94.7	95.7	95.8	95.8	95.9	95.9	95.9
GE 600	77.4	82.3	86.9	91.6	95.0	95.3	96.8	96.9	96.9	97.0	97.0	97.0
GE 500	77.4	82.3	86.9	91.6	95.4	95.8	97.7	98.0	98.0	98.1	98.1	98.1
GE 400	77.4	82.3	86.9	91.6	95.8	96.3	98.3	98.8	98.9	99.2	99.2	99.2
GE 300	77.4	82.3	86.9	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7
GE 200	77.4	82.3	86.9	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7
GE 100	77.4	82.3	86.9	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7
GE 000	77.4	82.3	86.9	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: + 5 MONTH: NOV HOURS: 00-02

CEILING IN HUNDREDS OF FEET	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	40.9	41.7	41.7	42.1	42.1	42.1	42.1	42.1	42.1	42.2	42.2	42.2	42.2
	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1
	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1
	44.8	45.6	45.6	46.0	46.0	46.0	46.0	46.0	46.0	46.1	46.1	46.1	46.1
	45.0	45.8	45.8	46.2	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.3	46.3
	45.6	46.3	46.3	46.8	46.8	46.8	46.8	46.8	46.8	46.9	46.9	46.9	46.9
	48.1	48.9	48.9	49.3	49.3	49.3	49.3	49.3	49.3	49.4	49.4	49.4	49.4
	49.3	50.1	50.1	50.6	50.6	50.6	50.6	50.6	50.6	50.7	50.7	50.7	50.7
	52.3	53.2	53.2	53.7	53.7	53.7	53.7	53.7	53.7	53.8	53.8	53.8	53.8
	55.0	55.9	55.9	56.3	56.3	56.3	56.3	56.3	56.3	56.4	56.4	56.4	56.4
	55.7	56.6	56.6	57.0	57.0	57.0	57.0	57.0	57.0	57.1	57.1	57.1	57.1
	58.3	59.2	59.2	59.7	59.7	59.7	59.7	59.7	59.7	59.8	59.8	59.8	59.8
	60.7	61.6	61.6	62.0	62.0	62.0	62.0	62.0	62.0	62.1	62.1	62.1	62.1
	64.9	65.1	66.1	66.6	66.6	66.6	66.6	66.6	66.6	66.7	66.7	66.7	66.7
	68.1	69.3	69.3	69.8	69.8	69.8	69.8	69.8	69.8	69.9	69.9	69.9	69.9
	71.8	73.1	73.1	73.6	73.6	73.6	73.6	73.6	73.6	73.7	73.7	73.7	73.7
	77.0	78.6	78.6	79.0	79.0	79.0	79.0	79.0	79.0	79.1	79.1	79.1	79.1
	81.2	83.0	83.0	83.6	83.6	83.6	83.6	83.6	83.6	83.7	83.7	83.7	83.7
	81.3	83.6	83.6	84.1	84.1	84.1	84.1	84.1	84.1	84.2	84.2	84.2	84.2
	84.9	86.9	86.9	87.7	87.7	87.7	87.8	87.8	87.8	87.9	87.9	87.9	87.9
	87.3	89.3	89.6	90.3	90.3	90.3	90.4	90.4	90.4	90.6	90.6	90.6	90.6
	92.8	92.2	92.6	93.3	93.4	93.4	93.6	93.6	93.6	93.7	93.7	93.7	93.7
	90.2	92.7	93.0	93.9	94.0	94.0	94.1	94.1	94.1	94.2	94.2	94.2	94.2
	90.6	93.3	93.7	94.7	94.8	94.8	94.9	94.9	94.9	95.0	95.0	95.0	95.0
	91.3	94.3	94.7	95.7	95.8	95.8	95.9	95.9	95.9	96.0	96.0	96.0	96.0
	91.6	95.0	95.3	96.8	96.9	96.9	97.0	97.0	97.0	97.1	97.1	97.1	97.1
	91.6	95.4	95.8	97.7	98.0	98.0	98.1	98.1	98.1	98.2	98.2	98.2	98.2
	91.6	95.8	96.3	98.3	98.8	98.9	99.2	99.2	99.2	99.3	99.3	99.4	99.4
	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	99.8	99.8	99.9	99.9
	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0
	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0
	91.6	96.0	96.6	98.7	99.2	99.3	99.7	99.7	99.7	99.9	99.9	100.0	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: NOV HOURS: 0

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	37.1	37.9	38.9	39.7	40.9	41.0	41.6	41.6	41.7	41.9	41.9	41.9
GE 20000	39.8	40.8	41.8	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8
GE 18000	39.8	40.8	41.8	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8
GE 16000	39.8	40.8	41.8	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8
GE 14000	40.0	41.0	42.0	42.8	44.0	44.1	44.7	44.7	44.8	45.0	45.0	45.0
GE 12000	40.7	41.7	42.8	43.7	44.9	45.0	45.6	45.6	45.7	45.9	45.9	45.9
GE 10000	41.8	42.9	44.0	44.9	46.1	46.2	46.8	46.8	46.9	47.1	47.1	47.1
GE 9000	43.0	44.1	45.3	46.2	47.4	47.6	48.1	48.1	48.2	48.4	48.4	48.4
GE 8000	45.7	46.9	48.1	49.6	50.8	50.9	51.4	51.4	51.6	51.8	51.8	51.8
GE 7000	47.4	49.0	50.2	51.7	52.9	53.0	53.6	53.6	53.7	53.9	53.9	53.9
GE 6000	48.0	49.6	50.8	52.2	53.4	53.6	54.1	54.1	54.2	54.4	54.4	54.4
GE 5000	50.3	51.9	53.4	55.0	56.2	56.3	56.9	56.9	57.0	57.2	57.2	57.2
GE 4500	53.1	54.7	56.6	58.2	59.4	59.6	60.1	60.1	60.2	60.4	60.4	60.4
GE 4000	56.7	58.3	60.3	62.2	63.4	63.6	64.1	64.1	64.2	64.4	64.4	64.4
GE 3500	58.8	60.8	63.0	65.1	66.3	66.4	67.0	67.0	67.1	67.3	67.3	67.3
GE 3000	61.3	63.7	66.3	68.7	69.9	70.0	70.6	70.6	70.7	70.9	70.9	70.9
GE 2500	64.9	67.4	70.4	73.2	74.4	74.6	75.1	75.1	75.2	75.4	75.4	75.4
GE 2000	67.3	70.0	73.2	76.4	77.9	78.0	78.8	78.8	78.9	79.1	79.1	79.1
GE 1800	68.2	70.9	74.1	77.7	79.1	79.2	80.0	80.0	80.1	80.3	80.3	80.3
GE 1500	70.9	73.9	77.3	81.2	83.1	83.3	84.1	84.2	84.3	84.6	84.6	84.6
GE 1200	73.1	76.1	79.9	84.0	85.9	86.2	87.0	87.2	87.3	87.6	87.6	87.6
GE 1000	73.9	77.0	81.0	85.6	87.9	88.2	89.1	89.3	89.4	89.7	89.7	89.7
GE 900	74.2	77.7	81.9	86.9	89.2	89.6	90.6	90.8	90.9	91.1	91.1	91.1
GE 800	74.6	78.1	82.7	88.9	91.8	92.3	93.4	93.7	93.8	94.0	94.0	94.0
GE 700	74.8	78.3	83.3	90.2	93.4	94.0	95.3	95.6	95.7	95.9	95.9	95.9
GE 600	74.8	78.3	83.3	90.3	93.8	94.4	96.2	96.4	96.6	96.8	96.8	96.8
GE 500	74.8	78.3	83.3	90.3	94.7	95.3	97.1	97.3	97.4	97.7	97.7	97.7
GE 400	74.8	78.3	83.3	90.3	94.7	95.3	97.6	98.0	98.6	99.1	99.1	99.1
GE 300	74.8	78.3	83.3	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2
GE 200	74.8	78.3	83.3	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2
GE 100	74.8	78.3	83.3	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2
GE 000	74.8	78.3	83.3	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
ST TO UTC: + 5 MONTH: NOV HOURS: 03-05

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	39.7	40.9	41.0	41.6	41.6	41.7	41.9	41.9	41.9	42.1	42.1	42.2	42.2
	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8	45.0	45.0	45.1	45.1
	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8	45.0	45.0	45.1	45.1
	42.6	43.8	43.9	44.4	44.4	44.6	44.8	44.8	44.8	45.0	45.0	45.1	45.1
	42.8	44.0	44.1	44.7	44.7	44.8	45.0	45.0	45.0	45.2	45.2	45.3	45.3
	43.7	44.9	45.0	45.6	45.6	45.7	45.9	45.9	45.9	46.1	46.1	46.2	46.2
	44.9	46.1	46.2	46.8	46.8	46.9	47.1	47.1	47.1	47.3	47.3	47.4	47.4
	46.2	47.4	47.6	48.1	48.1	48.2	48.4	48.4	48.4	48.7	48.7	48.8	48.8
	49.6	50.8	50.9	51.4	51.4	51.6	51.8	51.8	51.8	52.0	52.0	52.1	52.1
	51.7	52.9	53.0	53.6	53.6	53.7	53.9	53.9	53.9	54.1	54.1	54.2	54.2
	52.2	53.4	53.6	54.1	54.1	54.2	54.4	54.4	54.4	54.7	54.7	54.8	54.8
	55.0	56.2	56.3	56.9	56.9	57.0	57.2	57.2	57.2	57.4	57.4	57.6	57.6
	59.2	60.4	60.6	60.1	60.1	60.2	60.4	60.4	60.4	60.7	60.7	60.8	60.8
	62.2	63.4	63.6	64.1	64.1	64.2	64.4	64.4	64.4	64.7	64.7	64.8	64.8
	65.1	66.3	66.4	67.0	67.0	67.1	67.3	67.3	67.3	67.6	67.6	67.7	67.7
	68.7	69.9	70.0	70.6	70.6	70.7	70.9	70.9	70.9	71.1	71.1	71.2	71.2
	73.2	74.4	74.6	75.1	75.1	75.2	75.4	75.4	75.4	75.7	75.7	75.8	75.8
	76.4	77.9	78.0	78.8	78.8	78.9	79.1	79.1	79.1	79.3	79.3	79.4	79.4
	77.7	79.1	79.2	80.0	80.0	80.1	80.3	80.3	80.3	80.6	80.6	80.7	80.7
	81.2	83.1	83.3	84.1	84.2	84.3	84.6	84.6	84.6	84.8	84.8	84.9	84.9
	84.0	85.9	86.2	87.0	87.2	87.3	87.6	87.6	87.6	87.8	87.8	87.9	87.9
	85.5	87.9	88.2	89.1	89.3	89.4	89.7	89.7	89.7	89.9	89.9	90.0	90.0
	88.3	89.2	89.6	90.6	90.8	90.9	91.1	91.1	91.1	91.3	91.3	91.4	91.4
	88.9	91.8	92.3	93.4	93.7	93.8	94.0	94.0	94.0	94.2	94.2	94.3	94.3
	90.2	93.4	94.0	95.3	95.6	95.7	95.9	95.9	95.9	96.1	96.1	96.2	96.2
	90.3	93.8	94.4	96.2	96.4	96.6	96.8	96.8	96.8	97.0	97.0	97.1	97.1
	90.3	94.7	95.3	97.1	97.3	97.4	97.7	97.7	97.7	97.9	97.9	98.0	98.0
	90.3	94.7	95.3	97.6	98.0	98.6	99.1	99.1	99.1	99.3	99.3	99.4	99.4
	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.6	99.6	99.7	99.7
	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.8	99.9	100.0	100.0
	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.8	99.9	100.0	100.0
	90.3	94.7	95.3	97.6	98.0	98.6	99.2	99.2	99.2	99.8	99.9	100.0	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: NOV HOURS: 0

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	29.6	30.9	32.9	34.6	35.9	36.1	36.9	37.6	37.7	37.7	37.7	37.8
GE 20000	31.3	32.8	34.9	36.6	38.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1
GE 18000	31.3	32.8	34.9	36.6	38.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1
GE 16000	31.3	32.8	34.9	36.6	38.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1
GE 14000	31.9	33.4	35.6	37.2	38.8	39.1	39.9	40.6	40.7	40.7	40.7	40.8
GE 12000	32.2	33.9	36.0	37.9	39.4	39.8	40.6	41.2	41.3	41.3	41.3	41.4
GE 10000	34.3	36.1	38.3	40.4	42.1	42.4	43.2	43.9	44.0	44.0	44.0	44.1
GE 9000	35.4	37.3	39.3	41.9	43.9	44.2	45.0	45.7	45.8	45.8	45.8	45.9
GE 8000	39.3	41.1	43.3	45.9	48.0	48.4	49.2	49.9	50.0	50.0	50.0	50.1
GE 7000	40.6	42.4	45.2	47.4	49.6	50.0	50.8	51.4	51.6	51.6	51.6	51.7
GE 6000	41.6	43.4	46.2	48.4	50.7	51.1	51.9	52.6	52.7	52.7	52.7	52.8
GE 5000	45.6	47.6	50.3	52.6	54.8	55.4	56.2	56.9	57.0	57.0	57.0	57.1
GE 4500	47.4	49.6	52.3	54.6	57.2	57.9	58.7	59.3	59.4	59.4	59.4	59.5
GE 4000	49.8	52.2	55.1	57.7	60.4	61.1	62.0	62.7	62.8	62.8	62.8	62.9
GE 3500	52.9	55.4	58.4	61.0	63.8	64.4	65.3	66.0	66.1	66.1	66.1	66.2
GE 3000	55.6	58.3	61.8	65.0	68.0	68.7	69.7	70.3	70.4	70.4	70.4	70.6
GE 2500	59.0	62.0	65.7	69.2	72.4	73.2	74.2	74.9	75.0	75.0	75.0	75.1
GE 2000	60.4	63.9	67.9	72.3	76.1	77.0	78.0	78.7	78.8	78.8	78.8	78.9
GE 1800	61.8	64.9	68.9	73.3	77.1	78.0	79.0	79.7	79.8	79.8	79.8	79.9
GE 1500	64.2	67.7	71.9	76.7	80.6	81.4	82.4	83.2	83.3	83.3	83.3	83.4
GE 1200	65.9	69.9	74.3	79.7	83.8	84.7	85.8	86.6	86.8	86.8	86.8	86.9
GE 1000	66.2	70.2	75.2	80.7	85.7	86.6	88.0	88.9	89.1	89.3	89.3	89.4
GE 900	66.6	70.6	75.9	81.7	86.8	87.7	89.2	90.2	90.4	90.7	90.7	90.8
GE 800	66.9	71.1	76.7	82.6	88.0	89.2	91.1	92.1	92.3	92.6	92.6	92.7
GE 700	67.0	71.4	77.4	83.9	89.6	90.9	93.0	94.1	94.4	94.7	94.7	94.8
GE 600	67.1	71.6	77.8	84.3	90.8	92.2	94.3	95.6	95.9	96.1	96.1	96.2
GE 500	67.1	71.6	77.9	84.6	91.1	92.8	95.1	96.4	96.8	97.0	97.0	97.1
GE 400	67.1	71.6	77.9	84.7	91.2	92.9	95.6	97.1	97.6	97.9	97.9	98.0
GE 300	67.1	71.6	77.9	84.7	91.2	92.9	95.6	97.2	97.8	98.2	98.2	98.3
GE 200	67.1	71.6	77.9	84.7	91.2	92.9	95.7	97.3	97.9	98.3	98.4	98.6
GE 100	67.1	71.6	77.9	84.7	91.2	92.9	95.7	97.3	97.9	98.3	98.4	98.6
GE 000	67.1	71.6	77.9	84.7	91.2	92.9	95.7	97.3	97.9	98.3	98.4	98.6

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: NOV HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	34.6	35.9	36.1	36.9	37.6	37.7	37.7	37.7	37.8	38.0	38.0	38.4	38.4
	36.6	38.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1	40.3	40.3	40.8	40.8
	36.6	38.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1	40.3	40.3	40.8	40.8
	36.6	38.1	38.4	39.2	39.9	40.0	40.0	40.0	40.1	40.3	40.3	40.8	40.8
	37.2	38.8	39.1	39.9	40.6	40.7	40.7	40.7	40.8	41.0	41.0	41.4	41.4
	37.9	39.4	39.8	40.6	41.2	41.3	41.3	41.3	41.4	41.7	41.7	42.1	42.1
	41.4	42.1	42.4	43.2	43.9	44.0	44.0	44.0	44.1	44.3	44.3	44.8	44.8
	41.9	43.9	44.2	45.0	45.7	45.8	45.8	45.8	45.9	46.1	46.1	46.6	46.6
	45.9	48.0	48.4	49.2	49.9	50.0	50.0	50.0	50.1	50.3	50.3	50.8	50.8
	47.4	49.6	50.0	50.8	51.4	51.6	51.6	51.6	51.7	51.9	51.9	52.3	52.3
	48.4	50.7	51.1	51.9	52.6	52.7	52.7	52.7	52.8	53.0	53.0	53.4	53.4
	53.6	54.9	55.4	56.2	56.9	57.0	57.0	57.0	57.1	57.3	57.3	57.8	57.8
	56.3	57.2	57.9	58.7	59.3	59.4	59.4	59.4	59.6	59.8	59.8	60.2	60.2
	60.7	60.4	61.1	62.0	62.7	62.8	62.8	62.8	62.9	63.1	63.1	63.6	63.6
	65.1	65.8	66.4	67.3	68.0	68.1	68.1	68.1	68.2	68.4	68.4	68.9	68.9
	68.0	68.8	68.7	69.7	70.3	70.4	70.4	70.4	70.6	70.8	70.8	71.2	71.2
	74.7	72.4	73.2	74.2	74.9	75.0	75.0	75.0	75.1	75.3	75.3	75.8	75.8
	77.3	76.1	77.0	78.0	78.7	78.8	78.8	78.8	78.9	79.1	79.1	79.7	79.7
	78.3	77.1	78.0	79.0	79.7	79.8	79.8	79.8	79.9	80.1	80.1	80.7	80.7
	80.7	80.6	81.4	82.4	83.2	83.3	83.3	83.3	83.4	83.7	83.7	84.2	84.3
	83.7	83.8	84.7	85.8	86.6	86.8	86.8	86.8	86.9	87.1	87.1	87.7	87.8
	88.7	88.7	89.5	90.8	91.9	92.1	92.3	92.3	92.4	92.7	92.7	93.2	93.3
	91.7	91.8	92.7	94.0	95.2	95.4	95.7	95.7	95.8	96.0	96.0	96.6	96.7
	92.5	93.0	94.2	95.7	97.1	97.3	97.6	97.6	97.7	97.9	97.9	98.4	98.6
	93.4	93.6	94.9	96.4	97.8	98.0	98.3	98.7	98.8	99.0	99.0	99.6	99.7
	93.8	94.0	95.2	96.8	98.2	98.4	98.7	99.1	99.2	99.4	99.4	100.0	100.0
	94.6	95.1	96.4	96.8	98.3	98.7	99.0	99.4	99.5	99.7	99.7	100.0	100.0
	94.7	95.2	96.5	96.9	98.4	98.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0
	94.7	95.2	96.5	96.9	98.4	98.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0
	94.7	95.2	96.5	96.9	98.4	98.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0
	94.7	95.2	96.5	96.9	98.4	98.8	99.1	99.5	99.6	99.8	99.8	100.0	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: NOV HOURS: 09-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1/
NO CEIL	25.1	28.2	30.2	32.4	33.2	33.7	33.9	34.4	34.6	34.7	34.8	34.9	35
GE 20000	29.6	33.0	35.1	37.6	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40
GE 18000	29.6	33.0	35.1	37.6	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40
GE 16000	29.6	33.0	35.1	37.6	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40
GE 14000	29.8	33.2	35.3	37.8	38.7	39.2	39.4	40.0	40.1	40.2	40.3	40.4	40
GE 12000	30.6	34.0	36.2	39.0	39.9	40.4	40.7	41.2	41.3	41.4	41.6	41.7	42
GE 10000	32.1	35.8	38.0	41.0	42.0	42.6	42.8	43.3	43.4	43.6	43.7	43.8	44
GE 9000	32.7	36.7	39.0	42.0	43.0	43.6	43.8	44.3	44.4	44.6	44.7	44.8	45
GE 8000	35.7	39.9	42.3	45.3	46.4	47.0	47.2	47.8	47.9	48.0	48.1	48.3	48
GE 7000	36.8	41.0	43.4	46.6	47.7	48.2	48.4	49.0	49.1	49.2	49.3	49.6	49
GE 6000	37.3	41.8	44.2	47.3	48.6	49.1	49.3	49.9	50.0	50.1	50.2	50.4	50
GE 5000	41.2	46.4	48.4	51.6	52.9	53.7	53.9	54.4	54.5	54.7	54.8	55.0	55.
GE 4500	43.0	47.7	50.4	53.8	55.2	56.0	56.2	56.8	56.9	57.0	57.1	57.3	57.
GE 4000	45.9	50.4	53.8	57.1	58.6	59.3	59.6	60.1	60.2	60.3	60.4	60.7	61.
GE 3500	47.9	52.7	56.6	60.1	61.6	62.3	62.6	63.1	63.2	63.3	63.4	63.7	64.
GE 3000	52.4	57.4	61.4	65.1	66.7	67.4	67.7	68.3	68.4	68.6	68.7	68.9	69.
GE 2500	56.2	61.4	65.6	69.6	71.2	72.1	72.6	73.2	73.3	73.4	73.6	73.8	74.
GE 2000	58.9	64.8	69.1	73.6	75.7	76.8	77.2	78.0	78.1	78.2	78.3	78.6	79.
GE 1800	59.7	65.6	70.1	74.7	76.8	77.9	78.4	79.2	79.3	79.4	79.6	79.8	80.
GE 1500	61.3	67.6	73.1	78.0	80.6	81.9	82.6	83.3	83.4	83.6	83.7	83.9	84.
GE 1200	62.7	69.2	75.7	80.9	83.9	85.3	86.0	86.8	86.9	87.0	87.1	87.3	87.
GE 1000	63.0	69.6	76.4	82.0	86.1	86.8	87.9	88.8	89.0	89.1	89.2	89.4	89.
GE 900	63.1	69.8	76.7	82.2	86.4	87.1	88.3	89.2	89.5	89.8	89.9	90.1	90.
GE 800	63.1	69.9	76.9	82.6	86.9	87.9	89.2	90.4	90.8	91.4	91.8	92.0	92.
GE 700	63.1	69.9	77.3	83.2	87.2	89.7	91.4	92.7	93.1	93.8	94.1	94.3	94.
GE 600	63.4	70.3	77.9	84.3	88.7	91.2	93.0	94.4	95.0	95.9	96.4	96.7	97.
GE 500	63.4	70.3	77.9	84.4	88.9	91.6	93.7	95.4	96.1	97.0	97.7	97.9	98.
GE 400	63.4	70.3	77.9	84.4	88.9	92.0	94.2	96.2	96.9	97.8	98.4	98.7	99.
GE 300	63.4	70.3	77.9	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.
GE 200	63.4	70.3	77.9	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.
GE 100	63.4	70.3	77.9	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.
GE 000	63.4	70.3	77.9	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
EST TO UTC: + 5 MONTH: NOV HOURS: 09-11

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
2	32.4	33.2	33.7	33.9	34.4	34.6	34.7	34.8	34.9	35.2	35.2	35.2	35.2
1	37.5	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40.6	40.6	40.6	40.6
1	37.5	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40.6	40.6	40.6	40.6
1	37.6	38.4	39.0	39.2	39.8	39.9	40.0	40.1	40.2	40.6	40.6	40.6	40.6
3	37.8	38.7	39.2	39.4	40.0	40.1	40.2	40.3	40.4	40.8	40.8	40.8	40.8
7	39.0	39.9	40.4	40.7	41.2	41.3	41.4	41.6	41.7	42.0	42.0	42.0	42.0
	41.0	42.0	42.6	42.8	43.3	43.4	43.6	43.7	43.8	44.1	44.1	44.1	44.1
)	42.0	43.0	43.6	43.8	44.3	44.4	44.6	44.7	44.8	45.1	45.1	45.1	45.1
3	45.3	46.4	47.0	47.2	47.8	47.9	48.0	48.1	48.3	48.7	48.7	48.7	48.7
4	46.6	47.7	48.2	48.4	49.0	49.1	49.2	49.3	49.6	49.9	49.9	49.9	49.9
5	47.3	48.6	49.1	49.3	49.9	50.0	50.1	50.2	50.4	50.8	50.8	50.8	50.8
1	51.6	52.9	53.7	53.9	54.4	54.6	54.7	54.8	55.0	55.3	55.3	55.3	55.3
5	53.3	55.2	56.0	56.2	56.8	56.9	57.0	57.1	57.3	57.7	57.7	57.7	57.7
	57.1	58.6	59.3	59.6	60.1	60.2	60.3	60.4	60.7	61.0	61.0	61.0	61.0
)	60.1	61.6	62.3	62.6	63.1	63.2	63.3	63.4	63.7	64.0	64.0	64.0	64.0
1	65.1	66.7	67.4	67.7	68.3	68.4	68.6	68.7	68.9	69.3	69.3	69.3	69.3
	69.5	71.2	72.1	72.6	73.2	73.3	73.4	73.6	73.8	74.2	74.2	74.2	74.2
3	73.5	75.7	76.8	77.2	78.0	78.1	78.2	78.3	78.6	79.0	79.0	79.0	79.0
1	74.7	76.8	77.9	78.4	79.2	79.3	79.4	79.6	79.8	80.2	80.2	80.2	80.2
2	78.0	80.5	81.9	82.6	83.3	83.4	83.6	83.7	83.9	84.3	84.3	84.3	84.3
7	80.9	83.9	85.3	86.0	86.8	86.9	87.0	87.1	87.3	87.8	87.8	87.8	87.8
5	82.0	85.1	86.8	87.9	88.8	89.0	89.1	89.2	89.4	89.9	89.9	90.0	90.0
7	82.2	85.4	87.1	88.3	89.2	89.5	89.8	89.9	90.1	90.6	90.6	90.7	90.7
7	82.6	85.9	87.9	89.2	90.4	90.8	91.4	91.8	92.0	92.4	92.4	92.6	92.6
	83.2	87.2	89.7	91.4	92.7	93.1	93.8	94.1	94.3	94.8	94.8	94.9	94.9
1	84.3	88.7	91.2	93.0	94.4	95.0	95.9	96.4	96.7	97.1	97.1	97.2	97.2
3	84.4	88.9	91.6	93.7	95.4	96.1	97.0	97.7	97.9	98.3	98.3	98.4	98.4
3	84.4	88.9	92.0	94.2	96.2	96.9	97.8	98.4	98.7	99.1	99.1	99.2	99.2
7	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.4	99.6	99.7	99.7
1	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.6	99.7	99.8	99.8
1	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.7	99.8	100.0	100.0
7	84.4	88.9	92.0	94.2	96.4	97.1	98.0	98.8	99.0	99.7	99.8	100.0	100.0

900

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: NOV HOURS: 12

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	30.1	31.2	32.4	32.9	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4
GE 20000	36.6	37.7	38.9	39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1
GE 18000	36.6	37.7	38.9	39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1
GE 16000	36.6	37.7	38.9	39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1
GE 14000	37.1	38.2	39.4	39.9	40.3	40.3	40.3	40.6	40.6	40.7	40.7	40.7
GE 12000	37.8	39.0	40.3	40.9	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.8
GE 10000	39.4	40.8	42.1	42.7	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6
GE 9000	40.2	41.6	42.9	43.4	44.0	44.0	44.0	44.2	44.2	44.3	44.3	44.3
GE 8000	43.3	44.7	46.0	46.6	47.1	47.1	47.1	47.3	47.3	47.4	47.4	47.4
GE 7000	44.3	46.0	47.3	47.9	48.4	48.4	48.4	48.7	48.7	48.8	48.8	48.8
GE 6000	44.8	46.8	48.1	48.8	49.3	49.3	49.3	49.6	49.6	49.7	49.7	49.7
GE 5000	47.1	49.1	50.4	51.1	51.7	51.7	51.7	51.9	51.9	52.0	52.0	52.0
GE 4500	48.0	50.0	51.3	52.2	52.8	52.8	52.8	53.0	53.0	53.1	53.1	53.1
GE 4000	50.3	52.4	54.3	55.4	56.0	56.0	56.0	56.2	56.2	56.3	56.3	56.3
GE 3500	54.1	56.2	58.4	59.9	60.4	60.4	60.4	60.7	60.7	60.8	60.8	60.8
GE 3000	58.3	60.3	63.2	64.7	65.4	65.4	65.4	65.7	65.7	65.8	65.8	65.8
GE 2500	63.4	66.1	69.0	70.7	71.4	71.4	71.7	71.9	71.9	72.0	72.0	72.0
GE 2000	68.0	71.1	74.2	76.0	77.1	77.2	77.6	77.8	77.8	77.9	77.9	77.9
GE 1800	69.2	72.3	75.4	77.2	78.3	78.4	78.8	79.0	79.0	79.1	79.1	79.1
GE 1500	71.3	74.9	78.6	80.6	82.1	82.2	82.6	82.8	82.8	82.9	82.9	82.9
GE 1200	72.8	77.9	82.7	84.8	86.7	86.9	88.0	88.2	88.2	88.3	88.3	88.3
GE 1000	73.6	78.9	84.7	87.3	89.3	89.6	90.9	91.1	91.1	91.2	91.2	91.2
GE 900	73.6	79.2	85.0	87.8	90.0	90.6	92.0	92.2	92.2	92.3	92.3	92.3
GE 800	73.9	80.0	86.1	89.0	91.3	92.1	93.7	93.9	93.9	94.3	94.3	94.3
GE 700	73.9	80.0	86.3	89.2	91.8	92.7	94.8	95.1	95.1	95.7	95.7	95.7
GE 600	73.9	80.1	86.6	89.8	92.6	93.6	96.6	97.0	97.4	98.1	98.1	98.1
GE 500	73.9	80.1	86.7	90.0	92.8	93.8	96.8	97.3	97.8	98.7	98.7	98.8
GE 400	73.9	80.2	86.8	90.3	93.1	94.1	97.1	97.7	98.3	99.3	99.6	99.7
GE 300	73.9	80.2	86.8	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8
GE 200	73.9	80.2	86.8	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8
GE 100	73.9	80.2	86.8	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8
GE 000	73.9	80.2	86.8	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH
EST TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV HOURS: 12-14

CEILING GE	VISIBILITY IN STATUTE MILES GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
4	32.9	33.2	33.2	33.2	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4	33.4
3	39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
2	39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
1	39.3	39.8	39.8	39.8	40.0	40.0	40.1	40.1	40.1	40.1	40.1	40.1	40.1
0	39.9	40.3	40.3	40.3	40.6	40.6	40.7	40.7	40.7	40.7	40.7	40.7	40.7
M	40.9	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
4	42.7	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6
3	43.4	44.0	44.0	44.0	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3	44.3
2	46.6	47.1	47.1	47.1	47.3	47.3	47.4	47.4	47.4	47.4	47.4	47.4	47.4
1	47.9	48.4	48.4	48.4	48.7	48.7	48.8	48.8	48.8	48.8	48.8	48.8	48.8
0	48.8	49.3	49.3	49.3	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7
5	51.1	51.7	51.7	51.7	51.9	51.9	52.0	52.0	52.0	52.0	52.0	52.0	52.0
4	52.2	52.8	52.8	52.8	53.0	53.0	53.1	53.1	53.1	53.1	53.1	53.1	53.1
3	55.4	56.0	56.0	56.0	56.2	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3
2	59.9	60.4	60.4	60.4	60.7	60.7	60.8	60.8	60.8	60.8	60.8	60.8	60.8
1	64.7	65.4	65.4	65.4	65.7	65.7	65.8	65.8	65.8	65.8	65.8	65.8	65.8
0	70.7	71.4	71.4	71.7	71.9	71.9	72.0	72.0	72.0	72.0	72.0	72.0	72.0
M	76.0	77.1	77.2	77.6	77.8	77.8	77.9	77.9	77.9	77.9	77.9	77.9	77.9
4	77.2	78.3	78.4	78.8	79.0	79.0	79.1	79.1	79.1	79.1	79.1	79.1	79.1
3	80.6	82.1	82.2	82.6	82.8	82.8	82.9	82.9	82.9	82.9	82.9	82.9	82.9
2	84.8	86.7	86.9	88.0	88.2	88.2	88.3	88.3	88.3	88.3	88.3	88.3	88.3
1	87.3	89.3	89.6	90.9	91.1	91.1	91.2	91.2	91.2	91.2	91.2	91.3	91.3
0	87.8	90.0	90.6	92.0	92.2	92.2	92.3	92.3	92.3	92.3	92.3	92.4	92.4
2	89.0	91.3	92.1	93.7	93.9	93.9	94.3	94.3	94.3	94.4	94.4	94.6	94.6
1	89.2	91.8	92.7	94.8	95.1	95.1	95.7	95.7	95.7	95.8	95.8	95.9	95.9
0	89.8	92.6	93.6	96.6	97.0	97.4	98.1	98.1	98.1	98.2	98.2	98.3	98.3
3	90.0	92.8	93.8	96.8	97.3	97.8	98.7	98.7	98.8	98.9	98.9	99.0	99.0
2	90.3	93.1	94.1	97.1	97.7	98.3	99.3	99.6	99.7	99.8	99.8	99.9	99.9
1	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0
0	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0
M	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0
M	90.3	93.1	94.1	97.1	97.8	98.4	99.4	99.7	99.8	99.9	99.9	100.0	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIB
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: NOV HOURS: 15-1

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	30.4	31.9	32.4	32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32
GE 20000	38.8	40.6	41.1	41.2	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.8	41
GE 18000	38.9	40.8	41.3	41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42
GE 16000	38.9	40.8	41.3	41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42
GE 14000	39.2	41.2	41.8	41.9	42.1	42.1	42.1	42.3	42.3	42.4	42.4	42.4	42
GE 12000	40.3	42.3	42.9	43.0	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43
GE 10000	42.3	44.3	44.9	45.0	45.2	45.2	45.2	45.4	45.4	45.6	45.6	45.6	45
GE 9000	43.6	45.7	46.2	46.3	46.6	46.6	46.6	46.8	46.8	46.9	46.9	46.9	46
GE 8000	46.1	48.4	49.1	49.2	49.4	49.4	49.4	49.7	49.7	49.8	49.8	49.8	49.
GE 7000	47.1	50.0	50.7	50.8	51.0	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.
GE 6000	47.9	50.8	51.6	51.7	51.9	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.
GE 5000	49.2	52.2	53.0	53.1	53.3	53.4	53.4	53.7	53.7	53.8	53.8	53.8	53.
GE 4500	51.7	54.8	55.6	55.7	55.9	56.1	56.2	56.4	56.4	56.5	56.6	56.6	56.
GE 4000	54.1	57.6	58.4	58.6	58.9	59.1	59.2	59.4	59.4	59.6	59.6	59.6	59.
GE 3500	57.0	60.4	61.8	62.1	62.4	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.
GE 3000	61.2	64.9	66.2	66.6	67.0	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.
GE 2500	67.4	71.6	73.1	73.4	74.1	74.4	74.6	74.9	75.0	75.2	75.2	75.2	75.
GE 2000	71.4	76.3	78.3	78.9	79.8	80.3	80.4	80.8	80.9	81.1	81.1	81.1	81.
GE 1900	72.1	77.2	79.2	79.9	80.8	81.3	81.4	81.8	81.9	82.1	82.1	82.1	82.
GE 1500	74.9	80.7	82.9	83.7	85.2	85.9	86.3	86.7	86.9	87.1	87.1	87.1	87.
GE 1200	76.2	82.3	85.1	86.4	88.3	89.1	89.6	89.9	90.1	90.3	90.3	90.3	90.
GE 1000	77.0	83.6	87.0	88.4	90.7	91.6	92.0	92.3	92.6	92.9	92.9	92.9	92.
GE 900	77.3	84.0	87.6	89.1	91.3	92.2	93.0	93.3	93.6	93.9	93.9	93.9	93.
GE 800	77.8	84.6	88.3	90.2	92.6	93.7	94.6	95.2	95.4	95.9	95.9	95.9	96.
GE 700	77.8	84.7	88.4	90.3	92.7	94.1	95.0	95.8	96.0	96.4	96.6	96.6	96.
GE 600	77.8	84.7	88.6	90.4	92.8	94.6	95.4	96.3	96.6	97.0	97.1	97.1	97.
GE 500	77.8	84.7	88.8	90.7	93.0	94.9	96.2	97.7	98.0	98.4	98.7	98.8	99.
GE 400	77.8	84.7	88.8	90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	99.
GE 300	77.8	84.7	88.8	90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	99.
GE 200	77.8	84.7	88.8	90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100.
GE 100	77.8	84.7	88.8	90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100.
GE 000	77.8	84.7	88.8	90.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100.

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV HOURS: 15-17

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
32.6	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8	32.8
41.2	41.4	41.4	41.4	41.7	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8
41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
41.4	41.7	41.7	41.7	41.9	41.9	42.0	42.0	42.0	42.0	42.0	42.0	42.0
41.9	42.1	42.1	42.1	42.3	42.3	42.4	42.4	42.4	42.4	42.4	42.4	42.4
43.0	43.2	43.2	43.2	43.4	43.4	43.6	43.6	43.6	43.6	43.6	43.6	43.6
45.0	45.2	45.2	45.2	45.4	45.4	45.6	45.6	45.6	45.6	45.6	45.6	45.6
46.3	46.6	46.6	46.6	46.8	46.8	46.9	46.9	46.9	46.9	46.9	46.9	46.9
49.2	49.4	49.4	49.4	49.7	49.7	49.8	49.8	49.8	49.8	49.8	49.8	49.8
50.8	51.0	51.1	51.1	51.3	51.3	51.4	51.4	51.4	51.4	51.4	51.4	51.4
51.7	51.9	52.0	52.0	52.2	52.2	52.3	52.3	52.3	52.3	52.3	52.3	52.3
53.1	53.3	53.4	53.4	53.7	53.7	53.8	53.8	53.8	53.8	53.8	53.8	53.8
55.7	55.9	56.1	56.2	56.4	56.4	56.6	56.6	56.6	56.6	56.6	56.6	56.6
58.6	58.9	59.1	59.2	59.4	59.4	59.6	59.6	59.6	59.6	59.6	59.6	59.6
62.1	62.4	62.7	62.8	63.0	63.0	63.1	63.1	63.1	63.1	63.1	63.1	63.1
66.9	67.0	67.2	67.3	67.6	67.6	67.7	67.7	67.7	67.7	67.7	67.7	67.7
73.4	74.1	74.4	74.6	74.9	75.0	75.2	75.2	75.2	75.2	75.2	75.2	75.2
78.9	79.8	80.3	80.4	80.8	80.9	81.1	81.1	81.1	81.1	81.1	81.1	81.1
79.9	80.8	81.3	81.4	81.8	81.9	82.1	82.1	82.1	82.1	82.1	82.1	82.1
83.7	85.2	85.9	86.3	86.7	86.9	87.1	87.1	87.1	87.1	87.1	87.1	87.1
86.4	88.3	89.1	89.6	89.9	90.1	90.3	90.3	90.3	90.3	90.3	90.3	90.3
90.4	90.7	91.6	92.0	92.3	92.6	92.9	92.9	92.9	92.9	92.9	92.9	92.9
91.1	91.3	92.2	93.0	93.3	93.6	93.9	93.9	93.9	93.9	93.9	93.9	93.9
92.2	92.6	93.7	94.6	95.2	95.4	95.9	95.9	95.9	96.0	96.0	96.0	96.0
92.3	92.7	94.1	95.0	95.8	96.0	96.4	96.6	96.6	96.7	96.7	96.7	96.7
92.4	92.8	94.6	95.4	96.3	96.6	97.0	97.1	97.1	97.2	97.2	97.2	97.2
93.7	93.0	94.9	96.2	97.7	98.0	98.4	98.7	98.8	99.1	99.1	99.1	99.1
93.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	99.7	99.7	99.7	99.7
93.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	99.9	99.9	99.9	99.9
93.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100.0	100.0	100.0	100.0
93.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100.0	100.0	100.0	100.0
93.7	93.0	94.9	96.3	98.0	98.4	99.0	99.2	99.3	100.0	100.0	100.0	100.0

900

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: NOV HOURS: 18-2

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	G 1/
NO CEIL	32.9	33.9	35.6	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35
GE 20000	37.9	38.9	40.8	40.9	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41
GE 18000	38.2	39.2	41.1	41.2	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41
GE 16000	38.2	39.2	41.1	41.2	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41
GE 14000	38.3	39.3	41.2	41.3	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41
GE 12000	39.7	40.7	42.7	42.8	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43
GE 10000	42.3	43.3	45.3	45.4	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46
GE 9000	42.7	43.9	45.9	46.0	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46
GE 8000	47.0	48.4	50.9	51.0	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51
GE 7000	48.3	49.9	52.3	52.6	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53
GE 6000	48.8	50.3	52.8	53.0	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53
GE 5000	51.4	53.0	55.4	55.7	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56
GE 4500	53.1	55.0	57.4	57.9	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58
GE 4000	56.6	58.6	61.1	61.6	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62
GE 3500	59.9	62.1	64.7	65.3	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66
GE 3000	63.3	66.0	68.8	70.0	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70
GE 2500	70.0	72.6	75.6	77.3	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78
GE 2000	73.6	76.8	80.1	82.2	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83
GE 1800	74.2	77.4	81.0	83.1	84.0	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84
GE 1500	76.4	80.2	84.1	86.7	87.9	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89
GE 1200	77.4	81.7	86.0	88.8	90.3	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91
GE 1000	78.0	82.4	87.1	90.3	91.9	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93
GE 900	78.2	82.8	87.4	90.8	92.3	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94
GE 800	78.3	83.0	87.7	91.0	92.7	94.0	95.2	95.6	95.6	95.6	95.6	95.6	95
GE 700	78.3	83.0	87.7	91.4	93.1	94.4	95.8	96.1	96.1	96.3	96.3	96.3	96
GE 600	78.3	83.1	87.9	91.9	93.9	95.2	96.8	97.1	97.2	97.6	97.6	97.6	97
GE 500	78.3	83.1	88.0	92.2	94.4	95.8	97.4	98.0	98.1	98.4	98.4	98.4	98
GE 400	78.3	83.1	88.0	92.2	94.6	95.9	97.7	98.3	98.8	99.2	99.2	99.2	99
GE 300	78.3	83.1	88.0	92.2	94.6	95.9	97.7	98.7	99.2	99.9	99.9	99.9	99
GE 200	78.3	83.1	86.1	92.3	94.7	96.0	97.8	98.8	99.3	100.0	100.0	100.0	100
GE 100	78.3	83.1	83.1	92.3	94.7	96.0	97.8	98.8	99.3	100.0	100.0	100.0	100
GE 000	78.3	83.1	88.1	92.3	94.7	96.0	97.8	98.8	99.3	100.0	100.0	100.0	100

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: NOV HOURS: 18-20

CEILING	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	35.7	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9	35.9
	[illegible]	41.1	41.3	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4	41.4
	41.2	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
	41.2	41.4	41.7	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8	41.8
	41.3	41.6	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9	41.9
	[illegible]	43.1	43.3	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4	43.4
	[illegible]	45.8	46.0	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1	46.1
	[illegible]	46.3	46.6	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7	46.7
	51.0	51.3	51.6	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7	51.7
	[illegible]	52.9	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2	53.2
	[illegible]	53.3	53.6	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7	53.7
	[illegible]	56.0	56.2	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3	56.3
	[illegible]	58.2	58.4	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6	58.6
	61.6	61.9	62.1	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2	62.2
	65.3	65.7	65.9	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0	66.0
	[illegible]	70.3	70.7	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8	70.8
	[illegible]	77.7	78.0	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2	78.2
	[illegible]	83.1	83.4	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8	83.8
	[illegible]	84.0	84.3	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7	84.7
	[illegible]	87.9	88.4	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0	89.0
	[illegible]	90.3	91.0	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8	91.8
	[illegible]	91.9	92.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6	93.6
	[illegible]	92.3	93.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6	94.6
	92.0	92.7	94.0	95.2	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6	95.6
	[illegible]	93.1	94.4	95.8	96.1	96.1	96.3	96.3	96.3	96.3	96.3	96.3	96.3
	[illegible]	93.9	95.2	96.8	97.1	97.2	97.5	97.6	97.6	97.6	97.6	97.6	97.6
	[illegible]	94.4	95.8	97.4	98.0	98.1	98.4	98.4	98.4	98.4	98.4	98.4	98.4
	[illegible]	94.6	95.9	97.7	98.3	98.8	99.2	99.2	99.2	99.2	99.2	99.2	99.2
	[illegible]	94.6	95.9	97.7	98.7	99.2	99.9	99.9	99.9	99.9	99.9	99.9	99.9
1	[illegible]	94.7	96.0	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	[illegible]	94.7	96.0	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0
1	[illegible]	94.7	96.0	97.8	98.8	99.3	100.0	100.0	100.0	100.0	100.0	100.0	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: NOV HOURS: 21-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	37.2	37.3	38.9	39.3	39.6	39.6	39.8	39.8	39.8	39.9	39.9	39.9	3
GE 20000	40.7	40.8	42.3	42.9	43.2	43.3	43.6	43.6	43.6	43.7	43.7	43.7	4
GE 18000	40.9	41.0	42.6	43.1	43.4	43.6	43.8	43.8	43.8	43.9	43.9	43.9	4
GE 16000	40.9	41.0	42.6	43.1	43.4	43.6	43.8	43.8	43.8	43.9	43.9	43.9	4
GE 14000	41.4	41.6	43.1	43.7	44.0	44.1	44.3	44.3	44.3	44.4	44.4	44.4	4
GE 12000	42.0	42.3	43.9	44.4	44.8	44.9	45.1	45.1	45.1	45.2	45.2	45.2	4
GE 10000	45.0	45.3	46.9	47.7	48.0	48.1	48.3	48.3	48.3	48.4	48.4	48.4	4
GE 9000	45.7	46.0	47.6	48.3	48.7	48.8	49.0	49.0	49.0	49.1	49.1	49.1	4
GE 8000	49.6	50.0	51.7	52.4	52.8	52.9	53.1	53.1	53.1	53.2	53.2	53.2	5
GE 7000	51.7	52.2	53.9	54.8	55.1	55.2	55.4	55.4	55.4	55.6	55.6	55.6	5
GE 6000	52.1	52.7	54.3	55.2	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	5
GE 5000	56.2	56.9	58.6	59.6	60.0	60.1	60.3	60.3	60.3	60.4	60.4	60.4	6
GE 4500	57.9	58.8	60.4	61.4	61.9	62.0	62.2	62.2	62.2	62.3	62.3	62.3	6
GE 4000	60.9	62.3	64.1	65.1	65.6	65.7	66.0	66.0	66.0	66.1	66.1	66.1	6
GE 3500	63.0	65.1	66.9	68.0	68.4	68.6	68.9	68.9	68.9	69.0	69.0	69.0	6
GE 3000	65.6	68.6	70.7	72.0	72.6	72.8	73.1	73.2	73.3	73.4	73.4	73.4	7
GE 2500	70.9	73.7	75.9	77.4	78.1	78.3	78.7	78.8	78.9	79.0	79.0	79.0	7
GE 2000	73.7	76.6	79.2	81.1	81.9	82.1	82.4	82.7	82.8	82.9	83.0	83.0	8
GE 1800	73.9	76.8	79.6	81.4	82.2	82.4	82.8	83.0	83.1	83.2	83.3	83.3	8
GE 1500	76.6	79.9	83.1	85.3	86.3	86.6	87.1	87.7	87.8	87.9	88.0	88.0	8
GE 1200	78.4	81.8	85.2	87.6	88.9	89.2	89.8	90.4	90.6	90.7	90.8	90.8	9
GE 1000	78.8	82.1	86.3	88.6	90.9	91.2	91.9	92.7	92.8	92.9	93.0	93.0	9
GE 900	79.0	82.3	86.7	90.0	92.4	92.8	93.7	94.4	94.6	94.7	94.8	94.8	9
GE 800	79.3	82.9	87.7	91.2	94.0	94.3	95.2	96.0	96.1	96.2	96.3	96.3	9
GE 700	79.3	83.0	87.9	91.6	94.8	95.2	96.3	97.1	97.2	97.3	97.4	97.4	9
GE 600	79.3	83.0	88.2	91.9	95.1	95.6	96.8	97.6	97.8	97.9	98.0	98.0	9
GE 500	79.3	83.0	88.2	91.9	95.4	95.9	97.2	98.0	98.2	98.3	98.4	98.4	9
GE 400	79.3	83.0	88.2	91.9	95.6	96.0	97.3	98.1	98.7	98.8	99.0	99.0	9
GE 300	79.3	83.0	88.2	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	9
GE 200	79.3	83.0	88.2	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	9
GE 100	79.3	83.0	88.2	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	9
GE 000	79.3	83.0	88.2	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	9

TOTAL NUMBER OF OBSERVATIONS 900

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV HOURS: 21-23

CEILING GE (FT)	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	39.3	39.6	39.6	39.8	39.8	39.8	39.9	39.9	39.9	39.9	39.9	39.9	39.9
	42.9	43.2	43.3	43.6	43.6	43.6	43.7	43.7	43.7	43.7	43.7	43.7	43.7
	43.1	43.4	43.6	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
	43.1	43.4	43.6	43.8	43.8	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
	43.7	44.0	44.1	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4
	44.4	44.8	44.9	45.1	45.1	45.1	45.2	45.2	45.2	45.2	45.2	45.2	45.2
	47.7	48.0	48.1	48.3	48.3	48.3	48.4	48.4	48.4	48.4	48.4	48.4	48.4
	48.3	48.7	48.8	49.0	49.0	49.0	49.1	49.1	49.1	49.1	49.1	49.1	49.1
	52.4	52.8	52.9	53.1	53.1	53.1	53.2	53.2	53.2	53.2	53.2	53.2	53.2
	54.3	55.1	55.2	55.4	55.4	55.4	55.6	55.6	55.6	55.6	55.6	55.6	55.6
	55.2	55.6	55.7	55.9	55.9	55.9	56.0	56.0	56.0	56.0	56.0	56.0	56.0
	59.5	60.0	60.1	60.3	60.3	60.3	60.4	60.4	60.4	60.4	60.4	60.4	60.4
	61.4	61.9	62.0	62.2	62.2	62.2	62.3	62.3	62.3	62.3	62.3	62.3	62.3
	65.1	65.6	65.7	66.0	66.0	66.0	66.1	66.1	66.1	66.1	66.1	66.1	66.1
	68.0	68.4	68.6	68.9	68.9	68.9	69.0	69.0	69.0	69.0	69.0	69.0	69.0
	72.9	72.6	72.8	73.1	73.2	73.3	73.4	73.4	73.4	73.4	73.4	73.4	73.4
	77.4	78.1	78.3	78.7	78.8	78.9	79.0	79.0	79.0	79.0	79.0	79.0	7 0
	81.1	81.9	82.1	82.4	82.7	82.8	82.9	83.0	83.0	83.0	83.0	83.0	83.0
	81.4	82.2	82.4	82.8	83.0	83.1	83.2	83.3	83.3	83.3	83.3	83.3	83.3
	86.3	86.3	86.6	87.1	87.7	87.8	87.9	88.0	88.0	88.0	88.0	88.0	88.0
	87.6	88.9	89.2	89.8	90.4	90.6	90.7	90.8	90.8	90.8	90.8	90.8	90.8
	90.5	90.9	91.2	91.9	92.7	92.8	92.9	93.0	93.0	93.0	93.0	93.0	93.0
	90.0	92.4	92.8	93.7	94.4	94.6	94.7	94.8	94.8	94.8	94.8	94.8	94.8
	91.2	94.0	94.3	95.2	96.0	96.1	96.2	96.3	96.3	96.3	96.3	96.3	96.3
	91.6	94.8	95.2	96.3	97.1	97.2	97.3	97.4	97.4	97.4	97.4	97.4	97.4
	91.9	95.1	95.6	96.8	97.6	97.8	97.9	98.0	98.0	98.0	98.0	98.0	98.0
	91.9	95.4	95.9	97.2	98.0	98.2	98.3	98.4	98.4	98.4	98.4	98.4	98.4
	91.9	95.6	96.0	97.3	98.1	98.7	98.8	99.0	99.0	99.0	99.0	99.1	99.1
	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0
	91.9	95.6	96.1	97.7	98.9	99.4	99.6	99.8	99.8	99.9	99.9	100.0	100.0

930

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

STATION NUMBER: 724286 — STATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: M
LST TO UTC: + 5 — MONTH: NOV HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	32.6	33.8	35.2	36.0	36.6	36.7	37.0	37.2	37.2	37.3	37.3	37.3
GE 20000	37.1	38.4	39.8	40.7	41.4	41.6	41.9	42.1	42.1	42.2	42.2	42.3
GE 18000	37.1	38.5	39.9	40.8	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4
GE 16000	37.1	38.5	39.9	40.8	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4
GE 14000	37.5	38.9	40.3	41.2	41.9	42.1	42.4	42.6	42.6	42.7	42.7	42.7
GE 12000	38.2	39.7	41.2	42.2	42.9	43.1	43.3	43.6	43.6	43.7	43.7	43.7
GE 10000	40.3	41.8	43.3	44.4	45.2	45.3	45.6	45.8	45.9	46.0	46.0	46.0
GE 9000	41.2	42.8	44.4	45.4	46.3	46.4	46.7	46.9	47.0	47.0	47.1	47.1
GE 8000	44.4	46.2	47.9	49.0	49.9	50.1	50.4	50.6	50.6	50.7	50.7	50.8
GE 7000	45.9	47.9	49.6	50.8	51.7	51.9	52.2	52.4	52.4	52.5	52.5	52.6
GE 6000	46.5	48.6	50.3	51.5	52.4	52.6	52.9	53.1	53.2	53.2	53.3	53.3
GE 5000	49.4	51.5	53.3	54.6	55.5	55.8	56.1	56.3	56.3	56.4	56.4	56.4
GE 4500	51.3	53.6	55.4	56.8	57.8	58.0	58.3	58.6	58.6	58.7	58.7	58.7
GE 4000	54.2	56.7	58.8	60.3	61.4	61.6	62.0	62.2	62.2	62.3	62.3	62.3
GE 3500	56.9	59.7	62.0	63.7	64.8	65.0	65.3	65.5	65.6	65.7	65.7	65.7
GE 3000	60.4	63.4	66.0	68.0	69.1	69.4	69.8	70.0	70.1	70.1	70.2	70.2
GE 2500	65.1	68.4	71.3	73.5	74.8	75.1	75.5	75.8	75.8	75.9	75.9	76.0
GE 2000	67.2	71.0	75.1	77.7	79.3	79.7	80.2	80.5	80.6	80.7	80.7	80.7
GE 1800	68.9	72.7	76.9	78.5	80.2	80.7	81.2	81.4	81.5	81.6	81.6	81.7
GE 1500	71.3	75.4	79.1	82.1	84.1	84.6	85.2	85.6	85.7	85.8	85.8	85.8
GE 1200	72.9	77.5	81.6	84.9	87.1	87.8	88.5	88.9	89.0	89.1	89.1	89.2
GE 1000	73.5	78.2	83.0	86.6	89.2	89.9	90.8	91.3	91.4	91.5	91.6	91.6
GE 900	73.7	78.6	83.4	87.3	90.0	90.8	91.9	92.3	92.5	92.6	92.7	92.7
GE 800	73.9	79.0	84.0	88.3	91.2	92.2	93.4	94.0	94.1	94.4	94.4	94.5
GE 700	74.0	79.1	84.4	88.9	92.1	93.2	94.7	95.3	95.4	95.8	95.8	95.9
GE 600	74.0	79.2	84.6	89.3	92.8	94.0	95.7	96.4	96.7	97.0	97.1	97.2
GE 500	74.0	79.2	84.7	89.5	93.2	94.5	96.4	97.3	97.6	98.0	98.1	98.2
GE 400	74.0	79.2	84.7	89.5	93.3	94.7	96.8	97.8	98.3	98.8	99.0	99.0
GE 300	74.0	79.2	84.7	89.5	93.4	94.7	96.9	98.0	98.5	99.1	99.3	99.4
GE 200	74.0	79.2	84.7	89.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4
GE 100	74.0	79.2	84.7	89.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4
GE 000	74.0	79.2	84.7	89.5	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4

TOTAL NUMBER OF OBSERVATIONS 7200

7 - 2 - 99

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
J UTC: + 5 MONTH: NOV HOURS: ALL

CEILING GE	VISIBILITY IN STATUTE MILES GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	36.0	36.6	36.7	37.0	37.2	37.2	37.3	37.3	37.3	37.4	37.4	37.5	37.5
	40.7	41.4	41.6	41.9	42.1	42.1	42.2	42.2	42.3	42.4	42.4	42.4	42.4
	40.8	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4	42.5	42.5	42.5	42.5
	40.8	41.5	41.7	42.0	42.2	42.2	42.3	42.3	42.4	42.5	42.5	42.5	42.5
	41.2	41.9	42.1	42.4	42.6	42.6	42.7	42.7	42.7	42.8	42.8	42.9	42.9
	42.2	42.9	43.1	43.3	43.6	43.6	43.7	43.7	43.7	43.8	43.8	43.9	43.9
	44.4	45.2	45.3	45.6	45.8	45.9	46.0	46.0	46.0	46.1	46.1	46.2	46.2
	45.4	46.3	46.4	46.7	46.9	47.0	47.0	47.1	47.1	47.2	47.2	47.3	47.3
	49.0	49.9	50.1	50.4	50.6	50.6	50.7	50.7	50.8	50.9	50.9	50.9	50.9
	50.8	51.7	51.9	52.2	52.4	52.4	52.5	52.5	52.6	52.7	52.7	52.7	52.7
	51.5	52.4	52.6	52.9	53.1	53.2	53.2	53.3	53.3	53.4	53.4	53.5	53.5
	54.6	55.5	55.8	56.1	56.3	56.3	56.4	56.4	56.4	56.6	56.6	56.6	56.6
	56.3	57.3	58.0	58.3	58.6	58.6	58.7	58.7	58.7	58.8	58.8	58.9	58.9
	60.3	61.4	61.6	62.0	62.2	62.2	62.3	62.3	62.3	62.5	62.5	62.5	62.5
	63.7	64.8	65.0	65.3	65.6	65.6	65.7	65.7	65.7	65.8	65.8	65.9	65.9
	68.0	69.1	69.4	69.8	70.0	70.1	70.1	70.2	70.2	70.3	70.3	70.4	70.4
	73.6	74.8	75.1	75.5	75.8	75.8	75.9	75.9	76.0	76.1	76.1	76.2	76.2
	77.7	79.3	79.7	80.2	80.5	80.6	80.7	80.7	80.7	80.9	80.9	80.9	80.9
	78.5	80.2	80.7	81.2	81.4	81.5	81.6	81.6	81.7	81.8	81.8	81.9	81.9
	82.1	84.1	84.6	85.2	85.6	85.7	85.8	85.8	85.8	86.0	86.0	86.0	86.1
	84.9	87.1	87.8	88.5	88.9	89.0	89.1	89.1	89.2	89.3	89.3	89.4	89.4
	86.6	88.2	89.9	90.8	91.3	91.4	91.5	91.6	91.6	91.7	91.7	91.8	91.8
	87.8	90.0	90.8	91.9	92.3	92.5	92.6	92.7	92.7	92.8	92.8	92.9	93.0
	88.8	91.2	92.2	93.4	94.0	94.1	94.4	94.4	94.5	94.6	94.6	94.7	94.7
	89.9	92.1	93.2	94.7	95.3	95.4	95.8	95.8	95.9	96.0	96.0	96.1	96.1
	90.3	92.8	94.0	95.7	96.4	96.7	97.0	97.1	97.2	97.3	97.3	97.4	97.5
	91.5	93.2	94.5	96.4	97.3	97.6	98.0	98.1	98.2	98.3	98.3	98.4	98.5
	91.6	93.3	94.7	96.8	97.8	98.3	98.8	99.0	99.0	99.2	99.2	99.3	99.4
	91.8	93.4	94.7	96.8	98.0	98.5	99.1	99.3	99.4	99.6	99.6	99.8	99.8
	91.8	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4	99.7	99.8	99.9	99.9
	91.8	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4	99.7	99.8	100.0	100.0
	91.8	93.4	94.7	96.9	98.1	98.6	99.2	99.3	99.4	99.7	99.8	100.0	100.0

1200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: DEC HOURS:

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	30.3	31.0	31.7	32.8	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3
GE 20000	33.5	34.2	34.9	36.0	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6
GE 18000	33.5	34.2	34.9	36.0	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6
GE 16000	33.5	34.2	34.9	36.0	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6
GE 14000	33.8	34.4	35.2	36.2	36.6	36.6	36.8	36.8	36.8	36.8	36.8	36.8
GE 12000	34.0	34.6	35.5	36.6	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2
GE 10000	37.2	38.0	38.9	40.4	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2
GE 9000	37.8	38.6	39.5	41.1	41.6	41.6	41.8	41.8	41.8	41.8	41.8	41.8
GE 8000	41.6	42.3	43.4	45.1	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9
GE 7000	42.6	43.3	44.6	46.2	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1
GE 6000	42.9	43.7	44.9	46.6	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4
GE 5000	45.4	46.1	47.4	49.0	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9
GE 4500	48.7	49.5	50.9	52.5	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3
GE 4000	52.2	53.0	54.5	56.1	56.8	56.8	57.0	57.0	57.0	57.0	57.0	57.0
GE 3500	54.3	55.5	57.3	58.9	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1
GE 3000	58.2	59.5	61.6	63.2	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4
GE 2500	64.8	66.2	68.6	70.6	72.2	72.5	72.7	72.9	73.2	73.2	73.2	73.2
GE 2000	69.9	71.4	74.1	76.3	78.1	78.4	78.6	78.9	79.2	79.2	79.2	79.2
GE 1800	70.5	72.2	74.8	77.1	78.8	79.1	79.4	79.7	80.0	80.0	80.0	80.0
GE 1500	72.3	74.4	77.5	79.9	81.9	82.3	82.5	82.9	83.2	83.2	83.2	83.2
GE 1200	74.0	76.0	79.6	82.5	85.3	85.6	85.8	86.2	86.6	86.6	86.6	86.6
GE 1000	74.2	76.7	80.6	83.9	87.4	87.7	88.0	88.4	88.7	88.9	88.9	88.9
GE 900	74.7	77.2	81.2	84.9	88.5	88.9	89.2	89.7	90.0	90.2	90.2	90.2
GE 800	74.9	77.4	81.5	85.5	89.8	90.4	90.9	91.4	91.7	91.9	92.0	92.0
GE 700	74.9	77.9	82.0	86.1	90.9	91.5	92.0	92.7	93.0	93.2	93.3	93.3
GE 600	75.1	78.0	82.4	86.6	92.0	92.8	93.4	94.2	94.5	94.7	94.8	94.8
GE 500	75.1	78.0	82.6	87.1	92.4	93.1	94.2	94.9	95.3	95.5	95.6	95.6
GE 400	75.1	78.1	82.7	87.2	92.9	93.6	94.6	95.5	96.0	96.3	96.5	96.5
GE 300	75.1	78.1	82.7	87.2	92.9	93.8	94.8	96.0	96.5	97.0	97.5	97.5
GE 200	75.1	78.1	82.7	87.2	92.9	93.8	95.2	96.5	97.0	97.5	98.1	98.1
GE 100	75.1	78.1	82.7	87.2	92.9	93.8	95.2	96.5	97.0	97.5	98.2	98.2
GE 000	75.1	78.1	82.7	87.2	92.9	93.8	95.2	96.5	97.0	97.5	98.2	98.2

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TIME ZONE: UTC: + 5 MONTH: DEC HOURS: 00-02

CEILING GE (FEET)	VISIBILITY IN STATUTE MILES											
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	32.8	33.1	33.1	33.3	33.3	33.3	33.3	33.3	33.3	33.5	33.5	33.5	33.5
	35.9	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	36.9	36.9
	35.9	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	36.9	36.9
	35.9	36.3	36.3	36.6	36.6	36.6	36.6	36.6	36.6	36.9	36.9	36.9	36.9
	36.2	36.6	36.6	36.8	36.8	36.8	36.8	36.8	36.8	37.1	37.1	37.1	37.1
	36.5	37.0	37.0	37.2	37.2	37.2	37.2	37.2	37.2	37.5	37.5	37.5	37.5
	40.6	41.0	41.0	41.2	41.2	41.2	41.2	41.2	41.2	41.5	41.5	41.5	41.5
	41.1	41.5	41.6	41.8	41.8	41.8	41.8	41.8	41.8	42.2	42.2	42.2	42.2
	45.1	45.7	45.7	45.9	45.9	45.9	45.9	45.9	45.9	46.2	46.2	46.2	46.2
	46.2	46.9	46.9	47.1	47.1	47.1	47.1	47.1	47.1	47.4	47.4	47.4	47.4
	46.5	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.7	47.7	47.7	47.7
	49.0	49.7	49.7	49.9	49.9	49.9	49.9	49.9	49.9	50.2	50.2	50.2	50.2
	52.5	53.1	53.1	53.3	53.3	53.3	53.3	53.3	53.3	53.7	53.7	53.7	53.7
	54.1	55.8	55.8	57.0	57.0	57.0	57.0	57.0	57.0	57.3	57.3	57.3	57.3
	58.3	59.7	59.7	59.9	60.1	60.1	60.1	60.1	60.1	60.4	60.4	60.4	60.4
	63.2	64.0	64.0	64.2	64.4	64.4	64.4	64.4	64.4	64.7	64.7	64.7	64.7
	71.5	72.2	72.5	72.7	72.9	73.2	73.2	73.2	73.2	73.5	73.5	73.5	73.5
	75.3	78.1	78.4	78.6	78.9	79.2	79.2	79.2	79.2	79.6	79.6	79.6	79.6
	77.1	78.8	79.1	79.4	79.7	80.0	80.0	80.0	80.0	80.3	80.3	80.3	80.3
	79.3	81.9	82.3	82.5	82.9	83.2	83.2	83.2	83.2	83.5	83.5	83.5	83.5
	82.5	85.3	85.6	85.8	86.2	86.6	86.6	86.6	86.6	86.9	86.9	86.9	86.9
	86.9	87.4	87.7	88.0	88.4	88.7	88.9	88.9	88.9	89.2	89.2	89.2	89.2
	88.3	88.5	88.9	89.2	89.7	90.0	90.2	90.2	90.2	90.6	90.6	90.6	90.6
	89.5	89.9	90.4	90.9	91.4	91.7	91.9	92.0	92.0	92.5	92.5	92.5	92.5
	90.1	90.9	91.5	92.0	92.7	93.0	93.2	93.3	93.3	93.8	93.8	93.8	93.8
	92.0	92.0	92.8	93.4	94.2	94.5	94.7	94.8	94.8	95.3	95.3	95.3	95.3
	92.7	92.4	93.1	94.2	94.9	95.3	95.5	95.6	95.6	96.0	96.0	96.0	96.0
	92.7	92.8	93.5	94.6	95.5	96.0	96.3	96.5	96.5	96.9	97.0	97.0	97.0
	92.7	92.9	93.8	94.8	96.0	96.5	97.0	97.5	97.5	98.0	98.1	98.1	98.2
	92.7	92.9	93.8	95.2	96.5	97.0	97.5	98.1	98.1	98.7	98.8	98.8	98.9
	92.7	92.9	93.8	95.2	96.5	97.0	97.5	98.2	98.2	98.8	98.9	99.5	100.0
	92.7	92.9	93.8	95.2	96.5	97.0	97.5	98.2	98.2	98.8	98.9	99.5	100.0

930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: DEC HOURS: 03-05

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	25.6	26.5	27.2	28.3	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.8	29.8
GE 20000	29.6	30.4	31.4	32.5	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3
GE 18000	29.6	30.4	31.4	32.5	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3
GE 16000	29.6	30.4	31.4	32.5	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3
GE 14000	29.7	30.5	31.5	32.6	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.5	34.5
GE 12000	30.6	31.5	32.5	33.6	34.8	34.8	35.3	35.3	35.3	35.3	35.3	35.5	35.5
GE 10000	33.1	34.3	35.3	36.3	37.6	37.6	38.1	38.1	38.1	38.1	38.1	38.3	38.3
GE 9000	33.9	34.9	35.9	37.0	38.3	38.3	38.7	38.7	38.7	38.7	38.7	38.9	38.9
GE 8000	37.5	38.7	39.8	40.9	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.8	42.8
GE 7000	38.3	39.5	40.5	41.6	43.0	43.0	43.4	43.4	43.4	43.4	43.4	43.7	43.7
GE 6000	39.0	40.3	41.4	42.5	43.9	43.9	44.4	44.4	44.4	44.5	44.5	44.7	44.7
GE 5000	42.5	43.9	45.3	46.7	48.2	48.2	48.7	48.7	48.7	48.8	48.8	49.0	49.0
GE 4500	45.3	46.7	48.1	49.6	51.3	51.3	51.8	51.8	51.8	51.9	51.9	52.2	52.2
GE 4000	48.0	49.5	51.0	52.7	54.5	54.5	55.1	55.1	55.1	55.2	55.2	55.5	55.5
GE 3500	51.0	52.7	54.2	55.9	58.1	58.1	58.6	58.6	58.6	58.7	58.7	59.0	59.0
GE 3000	54.6	56.5	58.1	59.9	62.3	62.3	62.8	62.8	62.8	62.9	62.9	63.2	63.2
GE 2500	60.0	62.2	64.3	66.5	69.0	69.1	69.8	69.8	69.8	69.9	69.9	70.2	70.2
GE 2000	64.1	66.3	71.0	73.2	76.0	76.1	76.8	76.8	76.8	76.9	76.9	77.2	77.2
GE 1800	67.7	69.9	72.7	74.9	77.8	78.0	78.6	78.6	78.6	78.7	78.7	79.0	79.0
GE 1500	69.4	71.9	75.2	77.5	80.5	80.6	81.3	81.3	81.3	81.4	81.4	81.7	81.7
GE 1200	70.8	73.7	77.2	80.0	84.3	84.4	85.3	85.3	85.3	85.4	85.4	85.7	85.7
GE 1000	71.3	74.3	78.4	81.5	85.9	86.0	86.9	87.3	87.3	87.5	87.5	87.8	87.8
GE 900	71.5	74.6	78.9	82.0	86.5	86.6	87.5	88.0	88.0	88.2	88.3	88.6	88.6
GE 800	71.7	74.7	79.0	82.4	87.2	87.5	88.5	89.1	89.1	89.4	89.7	90.0	90.0
GE 700	72.2	75.0	80.4	83.9	88.9	89.4	90.4	91.3	91.5	91.7	92.0	92.4	92.4
GE 600	72.3	75.5	81.2	84.9	90.4	90.9	91.9	92.8	93.0	93.3	93.8	94.1	94.1
GE 500	72.5	76.7	81.4	85.6	91.8	92.3	93.7	94.5	94.7	95.5	95.9	96.2	96.2
GE 400	72.5	76.7	81.4	85.6	91.9	92.4	94.0	94.5	95.1	96.3	96.8	97.1	97.1
GE 300	72.5	76.7	81.4	85.6	92.0	92.8	94.5	95.6	96.0	97.4	98.0	98.3	98.3
GE 200	72.5	76.7	81.4	85.6	92.0	92.8	94.6	96.1	96.6	98.0	98.6	98.9	99.2
GE 100	72.5	76.7	81.4	85.6	92.0	92.8	94.6	96.1	96.6	98.0	98.6	98.9	99.5
GE 000	72.5	76.7	81.4	85.6	92.0	92.8	94.6	96.1	96.6	98.0	98.6	98.9	99.5

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: DEC HOURS: 03-05

CEILING GE	VISIBILITY IN STATUTE MILES GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
	29.5	29.5	29.6	29.6	29.6	29.6	29.6	29.8	29.8	29.8	29.8	29.8
	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3
	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3
	33.8	33.8	34.1	34.1	34.1	34.1	34.1	34.3	34.3	34.3	34.3	34.3
	33.9	33.9	34.3	34.3	34.3	34.3	34.3	34.5	34.5	34.5	34.5	34.5
	34.8	34.8	35.3	35.3	35.3	35.3	35.3	35.5	35.5	35.5	35.5	35.5
	37.6	37.6	38.1	38.1	38.1	38.1	38.1	38.3	38.3	38.3	38.3	38.3
	38.3	38.3	38.7	38.7	38.7	38.7	38.7	38.9	38.9	38.9	38.9	38.9
	42.2	42.2	42.6	42.6	42.6	42.6	42.6	42.8	42.8	42.8	42.8	42.8
	43.0	43.0	43.4	43.4	43.4	43.4	43.4	43.7	43.7	43.7	43.7	43.7
	43.9	43.9	44.4	44.4	44.4	44.5	44.5	44.7	44.7	44.7	44.7	44.7
	48.2	48.2	48.7	48.7	48.7	48.8	48.8	49.0	49.0	49.0	49.0	49.0
	51.3	51.3	51.8	51.8	51.8	51.9	51.9	52.2	52.2	52.2	52.2	52.2
	54.5	54.5	55.1	55.1	55.1	55.2	55.2	55.5	55.5	55.5	55.5	55.5
	58.1	58.1	58.6	58.6	58.6	58.7	58.7	59.0	59.0	59.0	59.0	59.0
	62.3	62.3	62.8	62.8	62.8	62.9	62.9	63.2	63.2	63.2	63.2	63.2
	69.0	69.1	69.8	69.8	69.8	69.9	69.9	70.2	70.2	70.2	70.2	70.2
	76.0	76.1	76.8	76.8	76.8	76.9	76.9	77.2	77.2	77.2	77.2	77.2
	77.8	78.0	78.6	78.6	78.6	78.7	78.7	79.0	79.0	79.0	79.0	79.0
	80.5	80.6	81.3	81.3	81.3	81.4	81.4	81.7	81.7	81.7	81.7	81.7
	84.3	84.4	85.3	85.3	85.3	85.4	85.4	85.7	85.7	85.7	85.7	85.7
	86.0	86.0	86.9	87.3	87.3	87.5	87.5	87.8	87.8	87.8	87.8	87.8
	86.5	86.6	87.5	88.0	88.0	88.2	88.3	88.6	88.6	88.6	88.6	88.6
	87.2	87.5	88.5	89.1	89.1	89.4	89.7	90.0	90.0	90.0	90.0	90.0
	88.9	89.4	90.4	91.3	91.5	91.7	92.0	92.4	92.4	92.4	92.4	92.4
	90.4	90.9	91.9	92.8	93.0	93.3	93.8	94.1	94.1	94.1	94.1	94.1
	91.8	92.3	93.7	94.5	94.7	95.5	95.9	96.2	96.2	96.2	96.2	96.2
	91.9	92.4	94.0	94.8	95.1	96.3	96.8	97.1	97.1	97.2	97.2	97.2
	92.0	92.8	94.5	95.6	96.0	97.4	98.0	98.3	98.3	98.4	98.5	98.5
	92.0	92.8	94.6	96.1	96.6	98.0	98.6	98.9	99.2	99.4	99.5	99.5
	92.0	92.8	94.6	96.1	96.6	98.0	98.6	98.9	99.5	99.6	99.7	100.0
	92.0	92.8	94.6	96.1	96.6	98.0	98.6	98.9	99.5	99.6	99.7	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBIL
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: DEC HOURS: 06-08

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	25.2	25.8	26.8	26.9	27.5	27.8	28.4	28.6	28.6	28.6	28.6	28.6	28.9
GE 20000	28.1	28.7	30.3	30.6	31.3	31.6	32.3	32.5	32.5	32.5	32.5	32.5	32.8
GE 18000	28.2	28.8	30.4	30.8	31.4	31.7	32.4	32.6	32.6	32.6	32.6	32.6	32.9
GE 16000	28.4	29.0	30.6	31.0	31.6	31.9	32.6	32.8	32.8	32.8	32.8	32.8	33.1
GE 14000	28.9	29.6	31.2	31.5	32.2	32.5	33.1	33.3	33.3	33.3	33.3	33.3	33.7
GE 12000	29.5	30.1	31.8	32.3	32.9	33.2	33.9	34.1	34.1	34.1	34.1	34.1	34.4
GE 10000	33.1	33.8	35.5	35.9	36.6	36.9	37.5	37.7	37.7	37.7	37.7	37.7	38.1
GE 9000	34.0	34.6	36.3	36.3	37.4	37.7	38.4	38.6	38.6	38.6	38.6	38.6	38.9
GE 8000	37.3	38.4	40.2	40.6	41.3	41.6	42.3	42.5	42.5	42.5	42.5	42.5	42.8
GE 7000	38.6	39.7	41.6	42.0	42.7	43.0	43.7	43.9	43.9	43.9	43.9	43.9	44.2
GE 6000	38.9	40.0	42.0	42.5	43.3	43.7	44.3	44.5	44.5	44.5	44.5	44.5	44.8
GE 5000	42.0	43.1	45.2	45.6	46.5	46.8	47.4	47.6	47.6	47.6	47.7	47.7	48.1
GE 4500	43.4	44.9	47.2	47.7	48.6	48.9	49.6	49.8	49.8	49.8	49.9	50.0	50.3
GE 4000	45.5	47.1	49.7	50.3	51.2	51.5	52.2	52.5	52.5	52.5	52.6	52.7	53.0
GE 3500	47.6	49.7	52.3	53.0	54.0	54.3	54.9	55.4	55.4	55.4	55.5	55.6	55.9
GE 3000	52.2	54.4	57.2	58.0	59.1	59.5	60.1	60.5	60.5	60.5	60.8	60.9	61.2
GE 2500	56.9	59.2	62.9	64.2	65.5	66.5	67.5	68.1	68.1	68.2	68.3	68.4	68.7
GE 2000	62.6	65.5	69.9	71.5	72.9	73.9	75.2	75.8	75.8	76.0	76.1	76.2	76.6
GE 1800	63.9	66.9	71.3	73.0	74.6	75.6	76.9	77.5	77.5	77.7	77.8	78.0	78.3
GE 1500	66.5	69.9	74.5	76.3	78.2	79.1	81.0	81.6	81.6	81.8	81.9	82.0	82.4
GE 1200	67.5	71.1	76.0	78.2	80.6	81.6	83.5	84.2	84.2	84.5	84.6	84.7	85.1
GE 1000	68.7	72.5	77.7	80.1	82.6	83.5	85.6	86.2	86.3	86.9	87.0	87.1	87.5
GE 900	69.4	73.1	78.5	81.0	83.4	84.5	86.3	87.5	87.6	88.2	88.3	88.4	88.8
GE 800	69.6	73.4	78.9	81.5	84.4	85.5	88.0	88.8	88.9	89.5	89.6	89.7	90.1
GE 700	69.6	73.8	79.5	82.6	85.9	87.0	89.6	90.8	90.9	91.5	91.7	91.8	92.4
GE 600	69.6	73.8	79.6	82.7	86.3	87.4	90.3	91.6	91.7	92.5	92.9	93.0	93.5
GE 500	69.6	73.8	79.7	83.1	87.4	88.5	91.7	93.1	93.3	94.2	94.9	95.1	95.7
GE 400	69.6	73.9	79.8	83.3	87.6	88.8	92.4	94.0	94.2	95.2	96.0	96.1	96.8
GE 300	69.6	73.9	79.8	83.3	87.8	89.2	92.8	94.6	94.8	95.8	96.9	97.0	97.8
GE 200	69.6	73.9	79.8	83.3	87.8	89.2	92.8	94.7	94.9	95.9	97.1	97.3	98.6
GE 100	69.6	73.9	79.8	83.3	87.8	89.2	92.9	94.8	95.1	96.0	97.2	97.4	99.0
GE 000	69.6	73.9	79.8	83.3	87.8	89.2	92.9	94.8	95.1	96.0	97.2	97.4	99.0

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: DEC HOURS: 06-08

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.9	27.5	27.8	28.4	28.6	28.6	28.6	28.6	28.6	28.9	28.9	29.1	29.4
..	31.3	31.6	32.3	32.5	32.5	32.5	32.5	32.5	32.8	32.8	33.0	33.2
..	31.4	31.7	32.4	32.6	32.6	32.6	32.6	32.6	32.9	32.9	33.1	33.3
1.0	31.6	31.9	32.6	32.8	32.8	32.8	32.8	32.8	33.1	33.1	33.3	33.5
1.5	32.2	32.5	33.1	33.3	33.3	33.3	33.3	33.3	33.7	33.7	33.9	34.1
..	32.9	33.2	33.9	34.1	34.1	34.1	34.1	34.1	34.4	34.4	34.6	34.8
..	36.6	36.9	37.5	37.7	37.7	37.7	37.7	37.7	38.1	38.1	38.3	38.5
..	37.4	37.7	38.4	38.6	38.6	38..	38.6	38.6	38.9	38.9	39.1	39.4
..	41.3	41.6	42.3	42.5	42.5	42.5	42.5	42.5	42.8	42.8	43.0	43.2
..	42.7	43.0	43.7	43.9	43.9	43.9	43.9	43.9	44.2	44.2	44.4	44.6
..	43.3	43.7	44.3	44.5	44.5	44.5	44.5	44.5	44.8	44.8	45.1	45.3
..	46.5	46.8	47.4	47.6	47.6	47.6	47.7	47.7	48.1	48.1	48.3	48.5
..	48.6	48.9	49.6	49.8	49.8	49.8	49.9	50.0	50.3	50.3	50.5	50.8
..	51.2	51.5	52.2	52.5	52.5	52.5	52.6	52.7	53.0	53.0	53.2	53.4
..	54.0	54.3	54.9	55.4	55.4	55.4	55.5	55.6	55.9	55.9	56.1	56.3
..	59.1	59.5	60.1	60.5	60.5	60.5	60.8	60.9	61.2	61.2	61.4	61.6
..	65.5	66.5	67.5	68.1	68.1	68.2	68.3	68.4	68.7	68.7	68.9	69.1
..	72.9	73.9	75.2	75.8	75.8	76.0	76.1	76.2	76.6	76.6	76.8	77.0
..	74.6	75.6	76.9	77.5	77.5	77.7	77.8	78.0	78.3	78.3	78.5	78.7
..	78.2	79.1	81.0	81.6	81.6	81.8	81.9	82.0	82.4	82.4	82.6	82.8
..	80.6	81.6	83.5	84.2	84.2	84.5	84.6	84.7	85.1	85.1	85.3	85.5
..	82.6	83.5	85.6	86.2	86.3	86.9	87.0	87.1	87.5	87.5	87.7	88.0
..	83.4	84.5	86.3	87.5	87.6	88.2	88.3	88.4	88.8	88.8	89.0	89.2
..	84.4	85.5	88.0	88.8	88.9	89.5	89.6	89.7	90.1	90.1	90.3	90.5
..	85.9	87.0	89.6	90.8	90.9	91.5	91.7	91.8	92.4	92.4	92.7	92.9
..	86.3	87.4	90.3	91.5	91.7	92.5	92.9	93.0	93.5	93.5	93.9	94.1
..	87.4	88.5	91.7	93.1	93.3	94.2	94.9	95.1	95.7	95.7	96.0	96.2
..	87.6	88.8	92.4	94.0	94.2	95.2	96.0	96.1	96.8	96.8	97.1	97.3
..	87.8	89.2	92.8	94.6	94.8	95.8	96.9	97.0	97.8	97.8	98.2	98.4
..	87.8	89.2	92.8	94.7	94.9	95.9	97.1	97.3	98.6	98.6	98.9	99.2
..	87.8	89.2	92.9	94.8	95.1	96.0	97.2	97.4	99.0	99.1	99.6	100.0
..	87.9	89.2	92.9	94.8	95.1	96.0	97.2	97.4	99.0	99.1	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: DEC HOURS: 09

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	23.7	24.5	25.6	26.3	26.9	27.0	27.3	27.6	27.7	27.8	27.8	27.8
GE 20000	26.5	27.3	29.1	29.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7
GE 18000	26.5	27.3	29.1	29.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7
GE 16000	26.5	27.8	29.1	29.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7
GE 14000	26.7	28.1	29.4	30.1	31.0	31.1	31.4	31.7	31.8	31.9	31.9	31.9
GE 12000	27.8	29.2	30.9	31.6	32.5	32.6	32.9	33.2	33.3	33.4	33.4	33.4
GE 10000	31.5	33.0	34.7	35.5	36.3	36.5	36.8	37.1	37.2	37.3	37.3	37.3
GE 9000	32.4	33.9	35.5	36.2	37.1	37.2	37.5	37.8	38.0	38.1	38.1	38.1
GE 8000	35.9	37.4	39.4	40.1	41.0	41.1	41.4	41.7	41.8	41.9	41.9	41.9
GE 7000	37.2	38.3	40.8	41.5	42.5	42.6	43.1	43.7	43.8	43.9	43.9	43.9
GE 6000	38.4	40.4	42.4	43.1	44.1	44.2	44.7	45.3	45.4	45.5	45.5	45.5
GE 5000	40.3	42.3	44.3	45.2	46.1	46.2	46.8	47.3	47.4	47.5	47.5	47.5
GE 4500	42.2	44.4	46.5	47.5	48.5	48.7	49.2	49.8	49.9	50.0	50.0	50.0
GE 4000	44.1	46.5	48.9	50.3	51.4	51.8	52.4	52.9	53.0	53.1	53.2	53.2
GE 3500	46.5	47.8	50.5	52.0	53.1	53.7	54.2	54.7	54.8	54.9	55.1	55.1
GE 3000	48.5	51.0	54.7	56.6	57.8	58.5	59.0	59.6	59.9	60.4	60.5	60.5
GE 2500	53.1	56.7	60.8	62.9	64.7	65.5	66.3	67.3	67.6	68.2	68.3	68.3
GE 2000	58.7	62.6	67.3	69.9	72.0	73.0	73.9	74.8	75.2	75.9	76.1	76.1
GE 1800	59.8	63.7	68.4	71.0	73.1	74.3	75.2	76.1	76.6	77.3	77.5	77.5
GE 1500	61.4	65.5	70.9	73.9	76.2	77.5	78.9	80.0	80.4	81.2	81.4	81.4
GE 1200	62.8	67.3	73.0	76.3	79.2	80.6	82.3	83.3	83.8	84.5	84.7	84.7
GE 1000	63.4	68.4	74.3	78.0	81.0	82.4	84.1	85.3	85.7	86.3	87.0	87.0
GE 900	63.4	68.5	74.6	78.4	81.4	82.9	84.7	85.9	86.3	87.4	87.6	87.6
GE 800	63.7	69.0	75.3	79.4	82.7	84.4	86.3	88.0	88.4	89.5	90.0	90.0
GE 700	64.0	69.4	75.8	80.4	83.9	85.7	88.2	90.0	90.4	91.5	92.3	92.3
GE 600	64.0	69.5	76.1	80.8	84.3	86.6	89.5	91.5	91.9	93.2	94.2	94.2
GE 500	64.2	69.7	76.3	81.3	85.1	87.3	90.3	92.7	93.1	94.5	95.6	95.6
GE 400	64.2	69.7	76.3	81.4	85.3	87.5	90.6	93.3	93.8	95.4	96.6	96.6
GE 300	64.2	69.7	76.3	81.4	85.3	87.5	90.6	93.3	93.9	95.6	96.9	97.0
GE 200	64.2	69.7	76.3	81.4	85.3	87.5	90.6	93.3	93.9	95.8	97.3	97.4
GE 100	64.2	69.7	76.3	81.4	85.3	87.5	90.6	93.3	93.9	95.8	97.4	97.5
GE 000	64.2	69.7	76.3	81.4	85.3	87.5	90.6	93.3	93.9	95.5	97.4	97.5

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: DEC HOURS: 09-11

CEILING	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.3	26.9	27.0	27.3	27.6	27.7	27.8	27.8	27.8	27.8	27.8	27.8	27.8
.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
.9	30.8	30.9	31.2	31.5	31.6	31.7	31.7	31.7	31.7	31.7	31.7	31.7
.1	31.0	31.1	31.4	31.7	31.8	31.9	31.9	31.9	31.9	31.9	31.9	31.9
.5	32.5	32.6	32.9	33.2	33.3	33.4	33.4	33.4	33.4	33.4	33.4	33.4
.1	36.3	36.5	36.8	37.1	37.2	37.3	37.3	37.3	37.3	37.3	37.3	37.3
.2	37.1	37.2	37.5	37.8	38.0	38.1	38.1	38.1	38.1	38.1	38.1	38.1
.1	41.0	41.1	41.4	41.7	41.8	41.9	41.9	41.9	41.9	41.9	41.9	41.9
.5	42.5	42.6	43.1	43.7	43.8	43.9	43.9	43.9	43.9	43.9	43.9	43.9
.1	44.1	44.2	44.7	45.3	45.4	45.5	45.5	45.5	45.5	45.5	45.5	45.5
.1	46.1	46.2	46.8	47.3	47.4	47.5	47.5	47.5	47.5	47.5	47.5	47.5
.5	48.5	48.7	49.2	49.8	49.9	50.0	50.0	50.0	50.0	50.0	50.0	50.0
.3	51.4	51.8	52.4	52.9	53.0	53.1	53.2	53.2	53.2	53.2	53.2	53.2
.0	53.1	53.7	54.2	54.7	54.8	54.9	55.1	55.1	55.1	55.1	55.1	55.1
.4	57.3	58.5	59.0	59.6	59.9	60.4	60.5	60.5	60.5	60.5	60.5	60.5
.1	64.7	65.5	66.3	67.3	67.6	68.2	68.3	68.3	68.3	68.3	68.3	68.3
.1	72.0	73.0	73.9	74.8	75.2	75.9	76.1	76.1	76.1	76.1	76.1	76.1
.0	73.1	74.3	75.2	76.1	76.6	77.3	77.5	77.5	77.5	77.5	77.5	77.5
.9	76.2	77.5	78.9	80.0	80.4	81.2	81.4	81.4	81.4	81.4	81.4	81.4
.9	79.2	80.6	82.3	83.3	83.8	84.5	84.7	84.7	84.7	84.7	84.7	84.7
.0	81.0	82.4	84.1	85.3	85.7	86.8	87.0	87.0	87.0	87.0	87.0	87.0
.0	81.4	82.9	84.7	85.9	86.3	87.4	87.6	87.6	87.7	87.7	87.7	87.7
.5	82.7	84.4	86.3	88.0	88.4	89.5	90.0	90.0	90.1	90.1	90.1	90.1
.9	83.9	85.7	88.2	90.0	90.4	91.5	92.3	92.3	92.5	92.5	92.6	92.6
.7	84.3	86.6	89.5	91.5	91.9	93.2	94.2	94.2	94.4	94.4	94.7	94.7
.3	85.1	87.3	90.3	92.7	93.1	94.5	95.6	95.6	95.8	96.0	96.3	96.3
.4	85.3	87.5	90.6	93.3	93.8	95.4	96.6	96.6	96.9	97.1	97.6	97.6
.4	85.3	87.5	90.6	93.3	93.9	95.6	96.9	97.0	97.4	97.6	98.2	98.2
.4	85.3	87.5	90.6	93.3	93.9	95.8	97.3	97.4	98.1	98.3	98.8	99.1
.4	85.3	87.5	90.6	93.3	93.9	95.8	97.4	97.5	98.2	98.4	99.5	100.0
.4	85.3	87.5	90.6	93.3	93.9	95.8	97.4	97.5	98.2	98.4	99.5	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: DEC HOURS: 12

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	25.1	25.6	25.6	26.0	26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2	2
GE 20000	28.7	29.6	29.7	30.2	30.2	30.3	30.4	30.4	30.4	30.4	30.5	30.5	3
GE 18000	28.8	29.7	29.8	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.6	30.6	3
GE 16000	28.8	29.7	29.8	30.3	30.3	30.4	30.5	30.5	30.5	30.5	30.6	30.6	3
GE 14000	28.8	29.7	29.9	30.4	30.4	30.5	30.6	30.6	30.6	30.6	30.8	30.8	3
GE 12000	29.2	30.1	30.3	30.9	30.9	31.0	31.1	31.1	31.1	31.1	31.2	31.2	3
GE 10000	33.8	34.6	34.8	35.4	35.4	35.5	35.6	35.6	35.6	35.6	35.7	35.7	3
GE 9000	34.8	35.7	36.0	36.5	36.6	36.7	36.8	36.8	36.8	36.8	36.9	36.9	3
GE 8000	38.4	39.5	39.8	40.4	40.5	40.6	40.8	40.8	40.8	40.8	40.9	40.9	4
GE 7000	40.1	41.3	41.6	42.5	42.7	42.8	42.9	43.0	43.0	43.0	43.1	43.1	4
GE 6000	41.2	42.4	42.8	43.7	43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	4
GE 5000	42.0	43.5	44.1	45.1	45.3	45.4	45.5	45.6	45.6	45.6	45.7	45.7	4
GE 4500	44.1	45.8	46.5	47.4	47.6	47.7	47.8	48.0	48.0	48.0	48.1	48.1	4
GE 4000	46.9	48.8	49.7	50.6	51.1	51.2	51.4	51.5	51.5	51.5	51.6	51.6	5
GE 3500	49.8	51.9	52.8	53.8	54.2	54.4	54.6	54.8	54.8	54.8	54.9	54.9	5
GE 3000	53.5	56.0	56.9	58.1	58.9	59.1	59.4	59.6	59.6	59.6	59.7	59.7	5
GE 2500	59.2	62.2	63.3	64.9	65.9	66.3	66.6	66.9	66.9	67.0	67.3	67.3	6
GE 2000	64.6	68.5	69.9	71.9	73.2	73.8	74.1	74.4	74.4	74.6	75.1	75.1	7
GE 1800	65.1	69.0	70.5	72.7	74.1	74.7	75.1	75.4	75.4	75.6	76.0	76.0	7
GE 1500	67.6	72.0	74.3	77.0	78.6	79.2	79.6	79.9	79.9	80.3	80.8	80.8	8
GE 1200	69.2	74.0	76.5	79.2	81.4	82.0	82.9	83.3	83.4	84.2	84.6	84.6	8
GE 1000	70.5	75.7	78.7	81.5	84.1	84.7	85.7	86.2	86.5	87.2	87.8	87.8	8
GE 900	70.6	76.0	79.0	82.0	84.6	85.3	86.3	87.0	87.2	88.0	88.6	88.6	8
GE 800	71.3	76.8	79.9	83.3	86.1	86.8	88.2	88.9	89.1	89.9	90.5	90.5	9
GE 700	71.3	76.8	80.0	83.4	86.7	87.5	89.2	90.1	90.4	91.4	92.3	92.3	9
GE 600	71.3	77.0	80.3	83.6	87.1	88.3	90.4	91.3	91.6	92.6	93.8	93.9	9
GE 500	71.3	77.1	80.5	84.1	87.7	89.2	91.9	93.1	93.4	94.5	95.7	95.8	9
GE 400	71.3	77.1	80.5	84.2	88.0	89.5	92.3	93.8	94.2	95.3	96.6	96.7	9
GE 300	71.3	77.1	80.5	84.2	88.0	89.5	92.3	93.9	94.3	95.5	97.4	97.5	9
GE 200	71.3	77.1	80.5	84.2	88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	9
GE 100	71.3	77.1	80.5	84.2	88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	9
GE 000	71.3	77.1	80.5	84.2	88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
: + 5 MONTH: DEC HOURS: 12-14

VISIBILITY IN STATUTE MILES											
GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
26.0	26.1	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2	26.2
30.2	30.3	30.4	30.4	30.4	30.4	30.5	30.5	30.5	30.5	30.5	30.5
30.3	30.4	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6
30.3	30.4	30.5	30.5	30.5	30.5	30.6	30.6	30.6	30.6	30.6	30.6
30.4	30.5	30.6	30.6	30.6	30.6	30.8	30.8	30.8	30.8	30.8	30.8
30.9	31.0	31.1	31.1	31.1	31.1	31.2	31.2	31.2	31.2	31.2	31.2
35.4	35.5	35.6	35.6	35.6	35.6	35.7	35.7	35.7	35.7	35.7	35.7
36.6	36.7	36.8	36.8	36.8	36.8	36.9	36.9	36.9	36.9	36.9	36.9
40.5	40.6	40.8	40.8	40.8	40.8	40.9	40.9	40.9	40.9	40.9	40.9
42.7	42.8	42.9	43.0	43.0	43.0	43.1	43.1	43.1	43.1	43.1	43.1
43.9	44.0	44.1	44.2	44.2	44.2	44.3	44.3	44.3	44.3	44.3	44.3
45.3	45.4	45.5	45.6	45.6	45.6	45.7	45.7	45.7	45.7	45.7	45.7
47.6	47.7	47.8	48.0	48.0	48.0	48.1	48.1	48.1	48.1	48.1	48.1
51.1	51.2	51.4	51.5	51.5	51.5	51.6	51.6	51.6	51.6	51.6	51.6
54.2	54.4	54.6	54.8	54.8	54.8	54.9	54.9	54.9	54.9	54.9	54.9
59.9	59.1	59.4	59.6	59.6	59.6	59.7	59.7	59.7	59.7	59.7	59.7
66.9	66.3	66.5	66.9	66.9	67.0	67.3	67.3	67.3	67.3	67.3	67.3
73.2	73.8	74.1	74.4	74.4	74.6	75.1	75.1	75.1	75.1	75.2	75.2
74.1	74.7	75.1	75.4	75.4	75.6	76.0	76.0	76.0	76.0	76.1	76.1
78.6	79.2	79.6	79.9	79.9	80.3	80.8	80.8	80.8	80.8	80.9	80.9
81.4	82.0	82.9	83.3	83.4	84.2	84.6	84.6	84.6	84.6	84.7	84.7
84.1	84.7	85.7	86.2	86.5	87.2	87.8	87.8	87.8	87.8	88.0	88.0
84.6	85.3	86.3	87.0	87.2	88.0	88.6	88.6	88.6	88.6	88.7	88.7
86.1	86.8	88.2	88.9	89.1	89.9	90.5	90.5	90.8	90.8	90.9	90.9
86.7	87.5	89.2	90.1	90.4	91.4	92.3	92.3	92.5	92.5	92.6	92.6
87.1	88.3	90.4	91.3	91.6	92.6	93.8	93.9	94.3	94.4	94.6	94.6
87.7	89.2	91.9	93.1	93.4	94.5	95.7	95.8	96.3	96.5	96.7	96.7
88.0	89.5	92.3	93.8	94.2	95.3	96.6	96.7	97.4	97.5	97.7	97.7
88.0	89.5	92.3	93.9	94.3	95.5	97.4	97.5	98.4	98.5	98.7	98.7
88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	99.0	99.1	99.6	99.7
88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	99.0	99.1	99.6	100.0
88.0	89.5	92.3	93.9	94.3	95.5	97.7	97.8	99.0	99.1	99.6	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: DEC HOURS: 15-

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	24.9	25.2	25.4	25.6	25.7	25.7	25.7	25.9	25.9	25.9	25.9	25.9	2
GE 20000	29.9	29.2	29.6	29.8	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	3
GE 18000	29.9	29.2	29.6	29.8	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	3
GE 16000	29.9	29.4	29.7	29.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	3
GE 14000	29.0	29.4	29.7	29.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	3
GE 12000	29.9	30.2	30.5	30.8	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	3
GE 10000	35.5	36.0	36.3	36.6	36.7	36.7	36.7	36.9	36.9	36.9	36.9	36.9	3
GE 9000	36.1	36.7	37.0	37.2	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	3
GE 8000	38.9	39.6	40.0	40.2	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	4
GE 7000	40.3	41.0	41.4	41.8	42.0	42.0	42.0	42.3	42.3	42.3	42.3	42.3	4
GE 6000	41.1	41.7	42.3	42.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	4
GE 5000	42.5	43.2	43.9	44.4	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	4
GE 4500	44.6	45.5	46.5	47.0	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	4
GE 4000	47.0	48.0	49.4	50.2	51.0	51.0	51.1	51.3	51.3	51.3	51.3	51.3	5
GE 3500	50.2	51.4	52.9	53.7	54.4	54.5	54.8	55.1	55.1	55.1	55.1	55.1	5
GE 3000	56.2	57.7	59.4	60.2	61.3	61.4	61.8	62.3	62.3	62.3	62.3	62.3	6
GE 2500	62.4	65.3	67.2	68.3	69.5	69.6	70.0	70.4	70.4	70.4	70.4	70.4	7
GE 2000	66.2	70.2	72.3	74.0	75.7	75.9	76.5	77.0	77.0	77.0	77.0	77.0	7
GE 1800	67.1	71.2	74.0	75.4	77.3	77.5	78.1	78.6	78.6	78.6	78.6	78.6	7
GE 1500	69.9	74.4	77.7	79.8	82.4	82.6	83.3	84.0	84.1	84.2	84.2	84.2	8
GE 1200	71.2	76.1	79.9	82.3	85.7	85.9	87.0	87.6	87.7	88.0	88.0	88.0	8
GE 1000	71.3	77.0	81.2	83.9	88.0	88.2	89.4	90.0	90.1	90.4	90.5	90.5	9
GE 900	71.9	77.3	81.6	84.2	88.6	88.8	90.5	91.2	91.4	91.7	91.8	91.8	9
GE 800	72.2	77.6	81.8	84.6	89.2	89.6	91.9	92.6	92.9	93.2	93.3	93.3	9
GE 700	72.2	77.7	81.9	84.7	89.5	89.9	92.4	93.2	93.5	94.0	94.2	94.2	9
GE 600	72.2	78.0	82.2	85.3	90.1	90.5	93.0	94.0	94.3	94.7	94.9	95.1	9
GE 500	72.2	78.0	82.2	85.3	90.4	90.9	93.9	94.8	95.3	95.9	96.1	96.2	9
GE 400	72.2	78.1	82.3	85.4	90.5	91.0	94.2	95.6	96.2	97.2	97.5	97.6	9
GE 300	72.2	78.1	82.3	85.4	90.5	91.2	94.4	95.8	96.5	97.4	98.0	98.2	9
GE 200	72.2	78.1	82.3	85.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	98.3	9
GE 100	72.2	78.1	82.3	85.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	98.3	9
GE 000	72.2	78.1	82.3	85.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	98.3	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: DEC HOURS: 15-17

	VISIBILITY IN STATUTE MILES											
	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
.5	25.7	25.7	25.7	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9	25.9
.2	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
.3	29.9	29.9	29.9	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1	30.1
.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
.9	30.0	30.0	30.0	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2	30.2
.8	30.9	30.9	30.9	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1	31.1
.5	36.7	36.7	36.7	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9	36.9
.2	37.3	37.3	37.3	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5	37.5
.2	40.3	40.3	40.3	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5	40.5
.5	42.0	42.0	42.0	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3	42.3
.7	42.9	42.9	42.9	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1	43.1
.4	44.6	44.6	44.6	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8	44.8
.1	47.2	47.2	47.2	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4	47.4
.2	51.0	51.0	51.1	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3	51.3
.7	54.4	54.5	54.8	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1	55.1
.1	61.3	61.4	61.8	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3	62.3
.3	69.5	69.6	70.0	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.4	70.5
.2	75.7	75.9	76.5	77.0	77.0	77.0	77.0	77.0	77.1	77.1	77.1	77.2
.4	77.3	77.5	78.1	78.6	78.6	78.6	78.6	78.6	78.7	78.7	78.7	78.8
.1	82.4	82.6	83.3	84.0	84.1	84.2	84.2	84.2	84.3	84.3	84.3	84.4
.3	85.7	85.9	87.0	87.6	87.7	88.0	88.0	88.0	88.1	88.1	88.1	88.2
.1	88.0	88.2	89.4	90.0	90.1	90.4	90.5	90.5	90.6	90.6	90.6	90.8
.1	88.6	88.8	90.5	91.2	91.4	91.7	91.8	91.8	91.9	91.9	91.9	92.0
.3	89.2	89.6	91.9	92.6	92.9	93.2	93.3	93.3	93.5	93.5	93.5	93.7
.7	89.5	89.9	92.4	93.2	93.5	94.0	94.2	94.2	94.4	94.4	94.4	94.5
.3	90.1	90.5	93.0	94.0	94.3	94.7	94.9	95.1	95.4	95.4	95.5	95.6
.3	90.4	90.9	93.9	94.8	95.3	95.9	96.1	96.2	96.6	96.6	96.7	96.9
.4	90.5	91.0	94.2	95.6	96.2	97.2	97.5	97.6	98.3	98.3	98.5	98.7
.4	90.5	91.2	94.4	95.8	96.5	97.4	98.0	98.2	98.8	98.8	99.1	99.5
.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	98.3	98.9	98.9	99.2	99.8
.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	98.3	98.9	98.9	99.4	99.9
.4	90.5	91.2	94.4	95.8	96.5	97.4	98.1	98.3	98.9	98.9	99.4	100.0

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VIS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: DEC HOURS: 18

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	27.7	27.8	28.2	28.6	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0
GE 20000	31.7	31.8	32.2	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0
GE 18000	31.7	31.8	32.2	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0
GE 16000	31.7	31.8	32.2	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0
GE 14000	31.9	32.0	32.4	32.8	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2
GE 12000	32.5	32.6	32.9	33.3	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8
GE 10000	36.5	37.0	37.3	37.7	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2
GE 9000	37.1	37.6	38.0	38.4	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8
GE 8000	40.6	41.4	41.9	42.4	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8
GE 7000	41.3	42.2	42.7	43.1	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8
GE 6000	41.9	42.8	43.3	43.8	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4
GE 5000	43.8	44.2	44.7	45.2	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8
GE 4500	46.7	47.6	48.3	48.7	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7
GE 4000	50.1	51.4	52.6	53.1	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1
GE 3500	53.7	54.9	56.1	56.8	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7
GE 3000	58.0	59.2	61.0	61.8	63.1	63.1	63.2	63.5	63.5	63.5	63.5	63.5
GE 2500	64.8	65.9	68.3	69.6	71.0	71.1	71.2	71.6	71.6	71.6	71.6	71.6
GE 2000	67.2	68.6	73.2	74.8	76.5	76.7	77.0	77.4	77.4	77.4	77.4	77.4
GE 1800	68.4	70.8	75.1	76.8	78.4	78.6	78.9	79.4	79.4	79.4	79.4	79.4
GE 1500	70.3	72.9	77.5	79.8	81.6	82.0	82.6	83.2	83.2	83.2	83.2	83.2
GE 1200	71.3	74.2	80.2	83.7	86.1	86.6	88.2	88.6	88.6	88.6	88.6	88.6
GE 1000	71.7	74.9	81.1	84.8	87.4	87.8	89.8	90.3	90.3	90.3	90.3	90.3
GE 900	72.0	75.4	81.6	85.5	88.2	88.7	90.9	91.4	91.4	91.5	91.5	91.5
GE 800	72.0	75.4	81.6	85.6	88.9	89.6	91.7	92.3	92.3	92.4	92.7	92.8
GE 700	72.0	75.7	82.0	86.2	89.9	90.6	93.1	93.7	93.7	93.8	94.2	94.3
GE 600	72.0	75.7	82.0	86.3	90.3	91.3	94.2	94.9	95.1	95.4	95.8	95.9
GE 500	72.2	75.8	82.2	86.7	90.8	91.7	95.2	95.9	96.0	96.3	96.8	96.9
GE 400	72.2	75.8	82.2	86.7	90.8	91.7	95.3	96.5	96.7	97.0	97.5	97.6
GE 300	72.2	75.8	82.2	86.7	90.8	91.7	95.3	96.8	97.0	97.5	98.2	98.3
GE 200	72.2	75.8	82.2	86.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7
GE 100	72.2	75.8	82.2	86.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7
GE 000	72.2	75.8	82.2	86.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 - FEB 88
TO UTC: + 5 MONTH: DEC HOURS: 18-20

	VISIBILITY IN STATUTE MILES												
	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
0	28.6	28.9	28.9	28.9	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0	29.0
0	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
0	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
0	32.6	32.9	32.9	32.9	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0	33.0
2	32.8	33.1	33.1	33.1	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2	33.2
8	33.3	33.7	33.7	33.7	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8	33.8
2	37.7	38.1	38.1	38.1	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2	38.2
3	38.4	38.7	38.7	38.7	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8	38.8
8	42.4	42.7	42.7	42.7	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8	42.8
8	43.1	43.7	43.7	43.7	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8	43.8
4	43.8	44.3	44.3	44.3	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4	44.4
4	45.2	45.7	45.7	45.7	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8	45.8
7	49.2	49.6	49.6	49.6	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7	49.7
1	53.1	54.0	54.0	54.0	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1	54.1
7	56.8	57.6	57.6	57.6	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7	57.7
5	61.5	63.1	63.1	63.2	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5	63.5
5	69.6	71.0	71.1	71.2	71.6	71.6	71.6	71.6	71.6	71.6	71.6	71.7	71.7
4	74.8	76.5	76.7	77.0	77.4	77.4	77.4	77.4	77.4	77.4	77.4	77.5	77.5
4	76.8	78.4	78.6	78.9	79.4	79.4	79.4	79.4	79.4	79.4	79.4	79.5	79.5
5	79.7	81.6	82.0	82.8	83.2	83.2	83.2	83.2	83.2	83.2	83.2	83.3	83.3
5	85.7	86.1	86.6	88.2	88.6	88.6	88.6	88.6	88.6	88.6	88.6	88.7	88.7
3	86.8	87.4	87.8	89.8	90.3	90.3	90.3	90.3	90.3	90.3	90.3	90.4	90.4
5	87.5	88.2	88.7	90.9	91.4	91.4	91.5	91.5	91.5	91.5	91.5	91.6	91.6
8	88.6	88.9	89.6	91.7	92.3	92.3	92.4	92.7	92.8	92.8	92.8	92.9	92.9
3	89.2	89.9	90.6	93.1	93.7	93.7	93.8	94.2	94.3	94.3	94.3	94.4	94.4
9	90.3	90.3	91.3	94.2	94.9	95.1	95.4	95.8	95.9	95.9	95.9	96.1	96.1
9	90.7	90.8	91.7	95.2	95.9	96.0	96.3	96.8	96.9	97.0	97.0	97.2	97.2
9	90.7	90.8	91.7	95.3	96.5	96.7	97.0	97.5	97.6	97.7	97.7	98.0	98.0
9	90.7	90.8	91.7	95.3	96.8	97.0	97.5	98.2	98.3	98.5	98.5	98.7	98.7
9	90.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7	99.0	99.1	99.6	99.6
	90.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7	99.1	99.2	99.7	99.8
	90.7	90.8	91.7	95.3	96.9	97.1	97.6	98.6	98.7	99.1	99.2	99.7	100.0

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OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: DEC HOURS: 21-

CEILING IN FEET	VISIBILITY IN STATUTE MILES: GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	1
NO CEIL	29.9	30.6	31.0	31.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	3
GE 20000	33.2	34.1	34.6	34.8	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	3
GE 18000	33.2	34.1	34.6	34.8	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	3
GE 16000	33.2	34.1	34.6	34.8	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	3
GE 14000	33.3	34.2	34.7	34.9	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.3	3
GE 12000	33.4	34.3	34.8	35.1	36.2	36.2	36.3	36.5	36.5	36.5	36.5	36.5	3
GE 10000	36.5	37.6	38.3	38.5	39.7	39.7	39.8	39.9	39.9	39.9	39.9	39.9	4
GE 9000	37.2	38.4	39.0	39.2	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	4
GE 8000	40.5	41.7	42.5	42.7	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	4
GE 7000	41.9	43.1	43.9	44.2	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	4
GE 6000	42.6	43.8	44.5	44.8	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.2	4
GE 5000	45.4	46.9	47.7	48.1	49.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	4
GE 4500	48.9	50.2	51.4	51.7	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	5
GE 4000	53.7	54.9	56.5	56.8	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	5
GE 3500	56.8	57.3	58.6	59.1	60.5	60.5	60.6	60.9	60.9	60.9	60.9	60.9	6
GE 3000	60.2	61.6	63.1	63.7	65.2	65.2	65.5	65.7	65.7	65.8	65.8	65.8	6
GE 2500	66.6	68.3	70.1	70.6	72.3	72.4	72.7	72.9	72.9	73.0	73.0	73.0	7
GE 2000	69.7	71.7	74.4	75.2	76.9	77.1	77.6	77.8	77.8	78.0	78.0	78.0	7
GE 1800	70.6	72.7	75.7	76.5	78.2	78.4	78.9	79.1	79.1	79.2	79.2	79.2	7
GE 1500	74.0	76.3	79.8	80.8	82.6	82.8	83.5	83.8	83.8	84.0	84.0	84.0	8
GE 1200	74.5	77.1	81.3	83.0	85.2	85.4	86.2	86.6	86.6	86.8	86.8	86.8	8
GE 1000	74.9	77.7	82.2	84.0	86.6	87.0	88.0	88.3	88.3	88.5	88.5	88.5	8
GE 900	75.4	78.4	82.8	84.9	87.7	88.3	89.5	89.8	89.8	90.0	90.0	90.0	9
GE 800	75.4	78.5	83.0	85.2	88.6	89.4	90.5	90.9	91.0	91.2	91.2	91.2	9
GE 700	75.5	78.9	83.4	85.6	89.2	90.1	91.6	92.0	92.2	92.4	92.4	92.4	9
GE 600	75.6	78.9	83.7	86.3	90.2	91.1	92.9	93.4	93.7	94.1	94.1	94.1	9
GE 500	75.6	79.0	83.8	86.6	90.9	91.9	94.8	95.4	95.6	96.0	96.1	96.1	9
GE 400	75.6	79.0	83.8	86.7	91.3	92.4	95.5	96.5	96.7	97.1	97.2	97.2	9
GE 300	75.6	79.0	83.8	86.7	91.5	92.6	95.8	96.8	97.0	97.4	97.7	97.8	9
GE 200	75.6	79.0	83.8	86.7	91.5	92.6	95.8	96.9	97.1	97.6	98.0	98.1	9
GE 100	75.6	79.0	83.8	86.7	91.5	92.6	95.8	96.9	97.1	97.6	98.0	98.2	9
GE 000	75.6	79.0	83.8	86.7	91.5	92.6	95.8	96.9	97.1	97.6	98.0	98.2	9

TOTAL NUMBER OF OBSERVATIONS 930

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: DEC HOURS: 21-23

CEILING GE	VISIBILITY IN STATUTE MILES GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
31.2	32.4	32.4	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5	32.5
[illegible]	35.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.5	36.5
[illegible]	35.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.5	36.5
[illegible]	36.0	36.0	36.1	36.2	36.2	36.2	36.2	36.2	36.3	36.3	36.5	36.5
[illegible]	36.1	36.1	36.2	36.3	36.3	36.3	36.3	36.3	36.5	36.5	36.6	36.6
[illegible]	36.2	36.2	36.3	36.5	36.5	36.5	36.5	36.5	36.6	36.6	36.7	36.7
[illegible]	39.7	39.7	39.8	39.9	39.9	39.9	39.9	39.9	40.0	40.0	40.1	40.1
[illegible]	40.4	40.4	40.5	40.6	40.6	40.6	40.6	40.6	40.8	40.8	40.9	40.9
[illegible]	43.9	43.9	44.0	44.1	44.1	44.1	44.1	44.1	44.2	44.2	44.3	44.3
[illegible]	45.4	45.4	45.5	45.6	45.6	45.6	45.6	45.6	45.7	45.7	45.8	45.8
[illegible]	46.0	46.0	46.1	46.2	46.2	46.2	46.2	46.2	46.3	46.3	46.5	46.5
[illegible]	49.2	49.2	49.4	49.5	49.5	49.5	49.5	49.5	49.6	49.6	49.7	49.7
[illegible]	52.9	52.9	53.0	53.1	53.1	53.1	53.1	53.1	53.2	53.2	53.3	53.3
[illegible]	58.0	58.0	58.1	58.2	58.2	58.2	58.2	58.2	58.3	58.3	58.4	58.4
[illegible]	60.5	60.5	60.6	60.9	60.9	60.9	60.9	60.9	61.0	61.0	61.1	61.1
[illegible]	65.2	65.2	65.5	65.7	65.7	65.8	65.8	65.8	65.9	65.9	66.0	66.0
[illegible]	72.3	72.4	72.7	72.9	72.9	73.0	73.0	73.0	73.1	73.1	73.2	73.2
[illegible]	76.9	77.1	77.6	77.8	77.8	78.0	78.0	78.0	78.1	78.1	78.2	78.2
[illegible]	78.2	78.4	78.9	79.1	79.1	79.2	79.2	79.2	79.4	79.4	79.5	79.5
[illegible]	82.6	82.8	83.5	83.8	83.8	84.0	84.0	84.0	84.1	84.1	84.2	84.2
[illegible]	85.2	85.4	86.2	86.6	86.6	86.8	86.8	86.8	86.9	86.9	87.0	87.0
[illegible]	86.4	87.0	88.0	88.3	88.3	88.5	88.5	88.5	88.6	88.6	88.7	88.7
[illegible]	87.7	88.3	89.5	89.8	89.8	90.0	90.0	90.0	90.1	90.1	90.2	90.2
[illegible]	88.5	89.4	90.5	90.9	91.0	91.2	91.2	91.2	91.3	91.3	91.4	91.4
[illegible]	89.2	90.1	91.6	92.0	92.2	92.4	92.4	92.4	92.5	92.5	92.6	92.6
[illegible]	90.2	91.1	92.9	93.4	93.7	94.1	94.1	94.1	94.2	94.2	94.3	94.3
[illegible]	90.9	91.9	94.8	95.4	95.6	96.0	96.1	96.1	96.2	96.2	96.3	96.3
[illegible]	91.3	92.4	95.5	96.5	96.7	97.1	97.2	97.2	97.3	97.3	97.4	97.4
[illegible]	91.5	92.6	95.8	96.8	97.0	97.4	97.7	97.8	98.2	98.2	98.3	98.3
[illegible]	91.5	92.6	95.8	96.9	97.1	97.6	98.0	98.1	98.6	98.8	98.9	98.9
[illegible]	91.5	92.6	95.8	96.9	97.1	97.6	98.0	98.2	98.7	99.0	99.4	100.0
[illegible]	91.5	92.6	95.8	96.9	97.1	97.6	98.0	98.2	98.7	99.0	99.4	100.0

930

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS V
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: M
LST TO UTC: + 5 MONTH: DEC HOURS: AL

CEILING IN FEET	VISIBILITY IN STATUTE MILES											
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8
NO CEIL	26.6	27.1	27.7	28.2	28.8	28.8	29.0	29.1	29.1	29.1	29.1	29.2
GE 20000	30.0	30.7	31.5	32.1	32.6	32.7	32.9	33.1	33.1	33.1	33.1	33.1
GE 18000	30.1	30.8	31.5	32.1	32.7	32.7	33.0	33.1	33.1	33.1	33.1	33.1
GE 16000	30.1	30.8	31.5	32.1	32.7	32.8	33.0	33.1	33.1	33.1	33.2	33.2
GE 14000	30.3	31.0	31.7	32.3	32.9	33.0	33.2	33.3	33.3	33.3	33.4	33.4
GE 12000	30.9	31.6	32.4	33.0	33.6	33.7	33.9	34.0	34.0	34.0	34.1	34.1
GE 10000	34.7	35.5	36.4	37.0	37.7	37.7	38.0	38.1	38.1	38.1	38.1	38.1
GE 9000	35.4	36.3	37.2	37.8	38.4	38.5	38.7	38.8	38.9	38.9	38.9	38.9
GE 8000	38.8	39.9	40.9	41.5	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.7
GE 7000	40.0	41.1	42.1	42.9	43.6	43.7	43.9	44.1	44.1	44.1	44.1	44.2
GE 6000	40.8	41.9	43.0	43.7	44.4	44.5	44.8	44.9	45.0	45.0	45.0	45.0
GE 5000	42.9	44.2	45.3	46.1	46.9	47.0	47.2	47.4	47.4	47.4	47.5	47.5
GE 4500	45.5	47.0	48.1	49.0	49.8	49.9	50.2	50.4	50.4	50.4	50.5	50.5
GE 4000	48.4	49.9	51.5	52.5	53.5	53.6	53.9	54.1	54.1	54.1	54.1	54.2
GE 3500	51.0	52.7	54.4	55.4	56.5	56.6	56.9	57.2	57.2	57.2	57.2	57.3
GE 3000	55.2	57.1	59.0	60.2	61.5	61.6	62.0	62.3	62.3	62.4	62.5	62.5
GE 2500	60.9	63.2	65.7	67.2	68.8	69.1	69.6	70.0	70.1	70.2	70.3	70.3
GE 2000	66.6	68.9	71.6	73.4	75.2	75.5	76.2	76.5	76.7	76.9	77.0	77.0
GE 1800	66.6	69.5	72.8	74.7	76.5	77.0	77.6	78.1	78.1	78.3	78.4	78.5
GE 1500	69.0	72.2	75.9	78.1	80.3	80.8	81.6	82.1	82.2	82.4	82.5	82.5
GE 1200	70.2	73.7	78.0	80.6	83.5	84.0	85.1	85.6	85.8	86.1	86.2	86.2
GE 1000	70.8	74.7	79.3	82.2	85.4	85.9	87.2	87.8	87.9	88.3	88.5	88.5
GE 900	71.1	75.1	79.8	82.9	86.1	86.7	88.2	88.6	89.0	89.4	89.5	89.6
GE 800	71.3	75.4	80.1	83.4	87.1	87.9	89.5	90.2	90.4	90.8	91.1	91.2
GE 700	71.5	75.8	80.6	84.1	88.1	89.0	90.8	91.7	91.9	92.4	92.8	92.9
GE 600	71.5	75.9	80.9	84.5	88.9	89.9	92.0	93.0	93.2	93.8	94.3	94.4
GE 500	71.5	76.0	81.1	85.0	89.5	90.6	93.2	94.3	94.6	95.3	95.8	95.9
GE 400	71.5	76.0	81.1	85.1	89.8	90.8	93.5	95.0	95.3	96.2	96.8	96.9
GE 300	71.5	76.0	81.1	85.1	89.9	91.0	93.8	95.3	95.8	96.7	97.6	97.7
GE 200	71.6	76.0	81.1	85.1	89.9	91.0	93.9	95.5	95.9	96.9	97.9	98.1
GE 100	71.6	76.0	81.1	85.1	89.9	91.0	93.9	95.5	95.9	96.9	98.0	98.1
GE 000	71.6	76.0	81.1	85.1	89.9	91.0	93.9	95.5	95.9	96.9	98.0	98.1

TOTAL NUMBER OF OBSERVATIONS 7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: DEC HOURS: ALL

VISIBILITY IN STATUTE MILES												
GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
28.2	28.8	28.8	29.0	29.1	29.1	29.1	29.1	29.2	29.2	29.2	29.2	29.3
32.1	32.6	32.7	32.9	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.3
32.1	32.7	32.7	33.0	33.1	33.1	33.1	33.1	33.1	33.2	33.2	33.3	33.3
32.1	32.7	32.8	33.0	33.1	33.1	33.1	33.2	33.2	33.3	33.3	33.3	33.3
32.3	32.9	33.0	33.2	33.3	33.3	33.3	33.4	33.4	33.5	33.5	33.5	33.5
33.0	33.6	33.7	33.9	34.0	34.0	34.0	34.1	34.1	34.2	34.2	34.2	34.2
37.0	37.7	37.7	38.0	38.1	38.1	38.1	38.1	38.1	38.2	38.3	38.3	38.3
37.8	38.4	38.5	38.7	38.8	38.9	38.9	38.9	38.9	39.0	39.0	39.0	39.1
41.5	42.2	42.3	42.5	42.6	42.6	42.6	42.6	42.7	42.8	42.8	42.8	42.8
42.9	43.6	43.7	43.9	44.1	44.1	44.1	44.1	44.2	44.2	44.2	44.3	44.3
43.7	44.4	44.5	44.8	44.9	45.0	45.0	45.0	45.0	45.1	45.1	45.2	45.2
46.1	46.9	47.0	47.2	47.4	47.4	47.4	47.5	47.5	47.6	47.6	47.6	47.7
49.0	49.8	49.9	50.2	50.4	50.4	50.4	50.4	50.5	50.6	50.6	50.6	50.6
53.5	53.5	53.6	53.9	54.1	54.1	54.1	54.1	54.2	54.3	54.3	54.3	54.4
56.4	56.5	56.6	56.9	57.2	57.2	57.2	57.2	57.3	57.4	57.4	57.4	57.5
60.2	61.5	61.6	62.0	62.3	62.3	62.4	62.5	62.5	62.6	62.6	62.7	62.7
67.2	68.8	69.1	69.6	70.0	70.1	70.2	70.3	70.3	70.4	70.4	70.5	70.5
74.4	75.2	75.6	76.2	76.6	76.7	76.9	77.0	77.0	77.1	77.1	77.2	77.2
74.7	76.5	77.0	77.6	78.1	78.1	78.3	78.4	78.5	78.6	78.6	78.6	78.7
79.1	80.3	80.8	81.6	82.1	82.2	82.4	82.5	82.6	82.7	82.7	82.7	82.8
80.6	83.5	84.0	85.1	85.6	85.8	86.1	86.2	86.2	86.3	86.3	86.4	86.4
82.2	85.4	85.9	87.2	87.8	87.9	88.3	88.5	88.5	88.6	88.6	88.7	88.7
82.2	86.1	86.7	88.2	88.8	89.0	89.4	89.5	89.5	89.7	89.7	89.8	89.9
83.4	87.1	87.9	89.5	90.2	90.4	90.9	91.1	91.2	91.4	91.4	91.5	91.5
84.1	88.1	89.0	90.8	91.7	91.9	92.4	92.8	92.9	93.1	93.1	93.2	93.2
84.5	88.9	89.9	92.0	93.0	93.2	93.8	94.3	94.4	94.6	94.7	94.8	94.9
85.9	89.6	90.6	93.2	94.3	94.6	95.3	95.8	95.9	96.2	96.3	96.4	96.5
86.1	89.8	90.8	93.6	95.0	95.3	96.2	96.8	96.9	97.3	97.4	97.6	97.6
86.1	89.9	91.0	93.8	95.3	95.8	96.7	97.6	97.7	98.2	98.2	98.5	98.5
86.1	89.9	91.0	93.9	95.5	95.9	96.9	97.9	98.1	98.8	98.9	99.2	99.3
86.1	89.9	91.0	93.9	95.5	95.9	96.9	98.0	98.1	98.9	99.0	99.5	100.0
86.1	89.9	91.0	93.9	95.5	95.9	96.9	98.0	98.1	98.9	99.0	99.5	100.0

7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBI
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7+
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

CEILING IN FEET	VISIBILITY IN STATUTE MILES												
	GE 7	GE 6	GE 5	GE 4	GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2
NO CEIL	36.9	39.1	41.2	42.7	44.0	44.4	44.9	45.2	45.3	45.4	45.5	45.5	45.
GE 20000	41.2	43.7	46.1	47.3	49.3	49.7	50.4	50.7	50.7	50.9	51.0	51.0	51.
GE 18000	41.2	43.8	46.2	47.9	49.4	49.8	50.5	50.7	50.8	51.0	51.1	51.1	51.
GE 16000	41.3	43.8	46.2	47.9	49.4	49.8	50.5	50.8	50.8	51.0	51.1	51.1	51.
GE 14000	41.5	44.1	46.5	48.2	49.7	50.1	50.8	51.1	51.2	51.3	51.4	51.4	51.
GE 12000	42.3	45.0	47.5	49.2	50.8	51.2	51.9	52.1	52.2	52.4	52.5	52.5	52.
GE 10000	44.7	47.6	50.2	52.1	53.8	54.3	54.9	55.2	55.3	55.5	55.6	55.6	55.
GE 9000	45.5	48.4	51.2	53.1	54.9	55.3	56.0	56.3	56.4	56.5	56.6	56.7	56.
GE 8000	48.8	52.1	55.1	57.2	59.1	59.6	60.4	60.8	60.9	61.1	61.2	61.2	61.
GE 7000	49.9	53.2	56.3	58.5	60.4	61.0	61.8	62.1	62.2	62.4	62.5	62.6	62.
GE 6000	50.6	53.9	57.0	59.2	61.2	61.7	62.6	62.9	63.0	63.2	63.3	63.4	63.
GE 5000	52.5	56.1	59.4	61.7	63.8	64.3	65.2	65.6	65.7	65.9	66.0	66.1	66.
GE 4500	54.3	58.0	61.5	63.9	66.1	66.7	67.6	67.9	68.1	68.3	68.4	68.4	68.
GE 4000	56.9	60.8	64.6	67.3	69.6	70.3	71.2	71.7	71.9	72.0	72.1	72.2	72.
GE 3500	59.0	63.2	67.2	70.0	72.5	73.2	74.2	74.7	74.8	75.0	75.1	75.2	75.
GE 3000	61.9	66.4	70.7	73.7	76.4	77.2	78.3	78.8	78.9	79.1	79.3	79.3	79.
GE 2500	64.8	69.6	74.2	77.4	80.4	81.2	82.4	82.9	83.1	83.3	83.5	83.5	83.
GE 2000	66.9	72.0	76.9	80.4	83.6	84.5	85.9	86.4	86.6	86.9	87.0	87.1	87.
GE 1800	67.3	72.4	77.4	81.0	84.2	85.1	86.5	87.0	87.2	87.5	87.7	87.7	87.
GE 1500	68.7	74.1	79.4	83.3	86.8	87.7	89.3	89.9	90.1	90.5	90.6	90.7	90.
GE 1200	69.5	75.1	80.7	84.8	88.7	89.7	91.4	92.2	92.4	92.7	92.9	93.0	93.
GE 1000	69.3	75.6	81.4	85.7	89.7	90.8	92.7	93.5	93.7	94.2	94.4	94.4	94.
GE 900	70.0	75.9	81.7	86.1	90.2	91.4	93.4	94.2	94.5	94.9	95.1	95.2	95.
GE 800	70.1	76.0	82.0	86.5	90.9	92.1	94.2	95.1	95.3	95.8	96.1	96.1	96.
GE 700	70.2	76.1	82.1	86.8	91.3	92.6	94.8	95.8	96.1	96.6	96.9	96.9	97.
GE 600	70.2	76.2	82.3	87.0	91.6	93.0	95.3	96.4	96.7	97.2	97.5	97.6	97.
GE 500	70.2	76.2	82.3	87.1	91.8	93.2	95.7	96.8	97.2	97.8	98.1	98.2	98.
GE 400	70.2	76.2	82.3	87.1	91.9	93.3	95.9	97.1	97.5	98.1	98.6	98.7	98.
GE 300	70.2	76.2	82.3	87.1	91.9	93.3	95.9	97.2	97.6	98.3	98.8	98.9	99.
GE 200	70.2	76.2	82.3	87.1	91.9	93.3	95.9	97.2	97.6	98.3	98.9	99.0	99.
GE 100	70.2	76.2	82.3	87.1	91.9	93.3	95.9	97.2	97.6	98.4	98.9	99.0	99.
GE 000	70.2	76.2	82.3	87.1	91.9	93.3	95.9	97.2	97.6	98.4	98.9	99.0	99.

TOTAL NUMBER OF OBSERVATIONS: 87665

PERCENTAGE FREQUENCY OF OCCURRENCE OF CEILING VERSUS VISIBILITY
FROM HOURLY OBSERVATIONS

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: ALL HOURS: ALL

VISIBILITY IN STATUTE MILES										
GE 3	GE 2 1/2	GE 2	GE 1 1/2	GE 1 1/4	GE 1	GE 3/4	GE 5/8	GE 1/2	GE 3/8	GE 1/4	GE 0
44.0	44.4	44.9	45.2	45.3	45.4	45.5	45.5	45.6	45.6	45.7	45.7
49.3	49.7	50.4	50.7	50.7	50.9	51.0	51.0	51.1	51.1	51.2	51.3
49.4	49.8	50.5	50.7	50.8	51.0	51.1	51.1	51.2	51.2	51.3	51.3
49.4	49.8	50.5	50.8	50.8	51.0	51.1	51.1	51.2	51.2	51.3	51.4
49.7	50.1	50.8	51.1	51.2	51.3	51.4	51.4	51.5	51.5	51.6	51.7
50.8	51.2	51.9	52.1	52.2	52.4	52.5	52.5	52.6	52.6	52.7	52.7
53.8	54.3	54.9	55.2	55.3	55.5	55.6	55.6	55.7	55.7	55.8	55.9
54.8	55.3	56.0	56.3	56.4	56.5	56.6	56.7	56.7	56.8	56.8	56.9
59.1	59.6	60.4	60.8	60.9	61.1	61.2	61.2	61.3	61.3	61.4	61.4
60.4	61.0	61.8	62.1	62.2	62.4	62.5	62.6	62.6	62.7	62.7	62.8
61.2	61.7	62.6	62.9	63.0	63.2	63.3	63.4	63.4	63.5	63.5	63.6
65.3	66.3	67.2	67.6	67.7	67.9	68.0	68.1	68.1	68.2	68.2	68.3
66.1	66.7	67.5	67.9	68.1	68.3	68.4	68.4	68.5	68.5	68.6	68.7
69.6	70.3	71.2	71.7	71.8	72.0	72.1	72.2	72.3	72.3	72.3	72.4
72.5	73.2	74.2	74.7	74.8	75.0	75.1	75.2	75.3	75.3	75.4	75.4
76.4	77.2	78.3	78.8	78.9	79.1	79.3	79.3	79.4	79.4	79.5	79.6
80.4	81.2	82.4	82.9	83.1	83.3	83.5	83.5	83.6	83.6	83.7	83.8
83.6	84.5	85.9	86.4	86.6	86.9	87.0	87.1	87.2	87.2	87.3	87.4
84.2	85.1	86.5	87.0	87.2	87.5	87.7	87.7	87.8	87.8	87.9	88.0
86.8	87.7	89.3	89.9	90.1	90.5	90.6	90.7	90.8	90.8	90.9	91.0
88.7	89.7	91.4	92.2	92.4	92.7	92.9	93.0	93.1	93.1	93.2	93.3
89.7	90.8	92.7	93.5	93.7	94.2	94.4	94.4	94.6	94.6	94.7	94.8
90.2	91.4	93.4	94.2	94.5	94.9	95.1	95.2	95.3	95.4	95.4	95.5
90.9	92.1	94.2	95.1	95.3	95.8	96.1	96.1	96.3	96.3	96.4	96.5
91.3	92.6	94.8	95.8	96.1	96.6	96.9	96.9	97.1	97.1	97.2	97.3
91.6	93.0	95.3	96.4	96.7	97.2	97.5	97.6	97.8	97.8	98.0	98.0
91.8	93.2	95.7	96.8	97.2	97.8	98.1	98.2	98.5	98.5	98.6	98.7
91.9	93.3	95.9	97.1	97.5	98.1	98.6	98.7	98.9	99.0	99.1	99.2
91.9	93.3	95.9	97.2	97.6	98.3	98.8	98.9	99.2	99.2	99.4	99.5
91.9	93.3	95.9	97.2	97.6	98.3	98.9	99.0	99.3	99.4	99.6	99.8
91.9	93.3	95.9	97.2	97.6	98.4	98.9	99.0	99.4	99.4	99.7	100.0
91.9	93.3	95.9	97.2	97.6	98.4	98.9	99.0	99.4	99.5	99.7	100.0

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN HOURS:ALL

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	16.3	12.6	10.2	59.1	1.7	71.1	3.2	930
03-05	17.2	11.0	10.1	59.4	2.4	71.8	2.5	930
06-08	11.5	15.6	11.2	58.7	3.0	72.9	3.2	930
09-11	7.1	18.0	16.5	55.5	3.0	74.9	6.1	930
12-14	4.6	15.6	23.5	55.4	.9	79.8	3.9	930
15-17	4.2	16.7	21.2	56.6	1.4	79.1	2.5	930
18-20	11.0	15.8	18.6	52.6	2.0	73.2	3.4	930
21-23	15.3	12.4	14.0	54.4	2.5	70.9	3.5	930
ALL HOURS	11.0	14.0	15.0	56.0	2.0	74.0	3.0	7440

MONTH: FEB HOURS: ALL

00-02	17.2	13.7	11.9	52.4	4.8	69.1	2.4	849
03-05	17.3	14.3	9.1	53.8	5.5	66.4	4.4	849
06-08	11.9	17.9	13.9	50.3	6.0	70.2	6.2	849
09-11	5.5	16.5	19.7	50.2	5.2	75.0	7.2	849
12-14	7.1	14.7	21.3	54.3	2.6	78.2	5.3	849
15-17	5.1	16.0	20.5	57.4	1.1	78.9	4.5	849
18-20	8.5	19.4	16.9	52.1	3.2	72.1	4.3	847
21-23	16.5	14.3	14.7	50.2	4.3	69.1	3.0	846
ALL HOURS	11.5	15.8	16.0	52.6	4.1	72.7	4.6	5797

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JAN HOURS:ALL

BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
10.2	59.1	1.7	71.1	3.2	930
10.1	59.4	2.4	71.8	2.5	930
11.2	58.7	3.0	72.9	3.2	930
16.5	55.5	3.0	74.9	6.1	930
23.5	55.4	.9	79.8	3.9	930
21.2	56.6	1.4	79.1	2.5	930
19.6	52.6	2.0	73.2	3.4	930
14.0	54.4	2.5	70.9	3.5	930
16.0	56.0	2.0	74.0	3.0	7440

MONTH: FEB HOURS: ALL

11.9	52.4	4.8	69.1	2.4	849
9.1	53.8	5.5	68.4	4.4	849
13.9	50.3	6.0	70.2	6.2	849
10.7	50.2	5.2	75.0	7.2	849
21.3	54.3	2.6	78.2	5.3	849
20.5	57.4	1.1	78.9	4.5	849
16.9	52.1	3.2	72.1	4.3	847
14.7	50.2	4.3	69.1	3.0	846
15.0	52.6	4.1	72.7	4.6	5797

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAR HOURS:ALL

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	24.3	11.1	12.7	50.2	1.2	64.1	1.7	930
03-05	24.3	11.6	10.9	52.4	.9	64.1	2.4	930
06-08	13.3	19.2	20.0	47.6	.9	68.5	3.9	930
09-11	8.5	21.7	21.0	47.4	1.4	69.8	2.9	930
12-14	7.1	21.9	21.0	49.8	.2	71.0	2.2	930
15-17	6.1	18.8	24.7	50.3		75.1	1.2	930
18-20	11.1	18.5	19.2	50.8	.4	70.4	1.7	930
21-23	20.5	15.6	14.1	49.4	.4	63.9	1.2	930
ALL HOURS	14.2	17.0	17.0	49.0	.2	68.0	2.0	7440

MONTH: APR HOURS: ALL

00-02	25.3	18.3	15.8	39.2	.3	55.3	.4	900
03-05	27.3	15.6	15.4	40.0	.7	56.1	1.2	900
06-08	13.7	24.6	18.9	41.9	1.0	61.8	3.4	900
09-11	11.3	21.9	22.7	43.6	.6	66.8	2.1	900
12-14	7.3	23.1	24.2	44.9	.3	69.5	.4	899
15-17	6.4	22.9	25.7	44.7	.3	70.7	.2	900
18-20	7.7	25.8	21.8	44.6	.2	66.6	.4	900
21-23	20.8	21.3	16.3	41.2	.3	57.9	.3	900
ALL HOURS	15.1	21.3	20.1	42.5	.5	63.1	1.1	7199

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAR HOURS:ALL

AIRWAY CLASSES BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
12.7	50.2	1.2	64.1	1.7	930
10.9	52.4	.9	64.1	2.4	930
20.0	47.6	.9	68.5	3.9	930
21.0	47.4	1.4	69.8	2.9	930
21.0	49.8	.2	71.0	2.2	930
24.7	50.3		75.1	1.2	930
19.2	50.8	.4	70.4	1.7	930
14.1	49.4	.4	63.9	1.2	930
17.0	49.0	.0	68.0	2.0	7440

MONTH: APR HOURS: ALL

15.8	39.2	.3	55.3	.4	900
15.4	40.0	.7	56.1	1.2	900
14.9	41.9	1.0	61.8	3.4	900
22.7	43.6	.6	66.8	2.1	900
24.2	44.9	.3	69.5	.4	899
25.7	44.7	.3	70.7	.2	900
21.8	44.6	.2	66.6	.4	900
16.3	41.2	.3	57.9	.3	900
20.1	42.5	.5	63.1	1.1	7199

OPERATING LOCATION "AW
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	30.1	19.2	15.2	35.5		50.6	1.9	930
03-05	24.1	21.9	15.6	37.6	.8	54.0	4.8	930
06-08	13.4	24.1	19.8	41.6	1.1	62.5	6.6	930
09-11	11.1	24.6	23.0	41.3		64.3	1.4	930
12-14	6.3	24.0	29.6	40.1		69.7	.8	930
15-17	4.1	26.2	31.0	38.7		69.7	.9	930
18-20	7.0	26.6	25.5	41.0		66.5	1.0	930
21-23	20.4	24.3	19.5	35.8		55.3	1.0	930
ALL HOURS	14.0	23.0	22.0	38.0	.0	61.0	2.0	7440

MONTH: JUN HOURS: ALL

00-02	29.6	25.4	19.9	24.7	.2	44.8	4.7	900
03-05	21.7	29.4	19.8	28.0	1.1	48.9	7.6	900
06-08	10.4	30.4	25.7	31.2	1.2	59.1	9.1	900
09-11	10.3	29.0	29.4	31.2		60.7	2.3	900
12-14	3.9	27.2	39.0	30.0		69.0	1.0	900
15-17	2.9	31.6	37.9	27.8		65.6	1.6	900
18-20	6.1	33.2	30.0	30.7		60.7	2.4	900
21-23	21.6	30.4	23.1	24.9		48.0	2.7	900
ALL HOURS	13.3	29.6	26.2	23.6	.3	57.1	3.9	7200

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAY HOURS:ALL

AIRWAY CLASSES BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
15.2	35.5		50.6	1.9	930
15.6	37.6	.8	54.0	4.8	930
19.8	41.6	1.1	62.5	6.6	930
23.0	41.3		64.3	1.4	930
29.6	40.1		69.7	.5	930
31.0	38.7		69.7	.9	930
25.5	41.0		66.5	1.0	930
19.5	35.8		55.3	1.0	930
22.0	38.0	.0	61.0	2.0	7440

MONTH: JUN HOURS: ALL

19.9	24.7	.2	44.8	4.7	900
19.8	28.0	1.1	48.9	7.6	900
25.7	31.2	1.2	59.1	9.1	900
29.4	31.2		60.7	2.3	900
39.0	30.0		69.0	1.0	900
37.8	27.8		65.6	1.6	900
30.0	30.7		60.7	2.4	900
23.1	24.9		48.0	2.7	900
26.2	28.6	.3	57.1	3.9	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	30.9	27.2	19.6	23.3		41.9	7.7	930
03-05	29.4	28.2	19.8	22.2	.5	42.5	12.0	93[illegible]
06-08	18.3	25.9	26.6	28.3	1.0	55.8	17.2	93[illegible]
09-11	11.3	30.3	29.8	28.6		58.4	4.9	930
12-14	2.4	31.0	37.3	29.4		66.7	2.0	93[illegible]
15-17	1.4	35.4	37.8	25.4		63.2	3.3	93[illegible]
18-20	5.1	39.4	30.2	25.4		55.6	3.9	93[illegible]
21-23	20.1	32.7	23.5	23.7		47.2	7.7	93[illegible]
ALL HOURS	14.9	31.0	27.0	25.0	.0	53.0	7.0	744[illegible]

MONTH: AUG HOURS: ALL

00-02	30.1	27.3	19.1	23.4		42.6	8.5	93[illegible]
03-05	25.2	30.3	17.6	26.1	.8	44.5	11.7	93[illegible]
06-08	9.9	34.1	23.0	29.9	3.1	56.0	21.1	93[illegible]
09-11	9.2	31.2	25.9	33.5	.1	59.6	6.6	930
12-14	2.2	29.7	38.8	29.4		68.1	3.2	92[illegible]
15-17	1.4	35.1	34.6	27.8		62.5	3.5	93[illegible]
18-20	5.3	36.5	29.8	27.3		57.1	5.3	930
21-23	21.4	32.6	24.4	21.5	.1	46.0	4.8	930
ALL HOURS	13.2	32.2	26.7	27.4	.5	54.6	8.1	743[illegible]

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: JUL HOURS:ALL

	AIRWAY CLASSES					
0	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
	18.6	23.3		41.9	7.7	930
	19.8	22.2	.5	42.5	12.0	930
	26.6	28.3	1.0	55.8	17.2	930
	29.8	28.6		58.4	4.9	930
	37.3	29.4		66.7	2.0	930
	37.8	25.4		63.2	3.3	930
	30.2	25.4		55.6	3.9	930
	23.5	23.7		47.2	7.7	930
	27.0	25.0	.0	53.0	7.0	7440

MONTH: AUG HOURS: ALL

19.1	23.4		42.6	8.5	930
17.6	26.1	.8	44.5	11.7	930
23.0	29.9	3.1	56.0	21.1	930
25.9	33.5	.1	59.6	6.6	930
38.8	29.4		68.1	3.2	929
34.6	27.8		62.5	3.5	930
29.8	27.3		57.1	5.3	930
24.4	21.5	.1	46.0	4.8	930
25.7	27.4	.5	54.6	8.1	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: SEP HOURS: ALL

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TO
00-02	41.0	19.2	16.3	22.9	.6	39.8	5.9	
03-05	42.9	19.9	12.2	23.7	1.3	37.2	11.4	
06-08	12.2	30.7	22.6	25.6	2.9	50.1	20.6	
09-11	16.3	28.2	27.0	28.1	.3	55.4	8.1	
12-14	8.4	34.1	32.0	25.4		57.4	2.2	
15-17	10.7	31.3	35.7	22.3		58.0	1.4	
18-20	17.0	34.3	28.1	20.6		48.7	3.1	
21-23	31.7	28.3	19.0	21.0		40.0	3.6	
ALL HOURS	23.0	29.0	24.0	23.0	.0	48.0	7.0	

MONTH: OCT HOURS: AL

00-02	32.5	18.3	12.7	35.9	.6	49.2	2.3	
03-05	33.8	15.9	12.8	36.5	1.0	50.3	5.3	
06-08	13.1	21.7	23.1	34.4	2.7	60.2	8.7	
09-11	14.4	21.5	25.3	38.0	.9	64.1	5.3	
12-14	9.9	23.9	23.5	36.8		66.2	3.3	
15-17	10.6	23.9	27.2	39.2		66.5	2.5	
18-20	15.7	24.7	19.0	40.3	.2	59.6	2.3	
21-23	26.9	20.6	15.5	36.8	.3	52.5	2.3	
ALL HOURS	20.1	21.3	20.6	37.2	.7	58.6	4.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: SEP HOURS:ALL

BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
16.3	22.9	.6	39.8	5.9	900
12.2	23.7	1.3	37.2	11.4	900
22.6	25.5	2.?	50.1	20.6	900
27.0	28.1	.3	55.4	8.1	900
32.0	25.4		57.4	2.2	900
35.7	22.3		58.0	1.4	900
24.1	20.6		44.7	3.1	900
19.0	21.0		40.0	3.6	900
24.0	23.0	.0	48.0	7.0	7200

MONTH: OCT HOURS: ALL

12.7	35.9	.6	49.2	2.3	930
12.3	36.6	1.0	50.3	5.3	930
23.1	34.4	2.7	60.2	8.7	930
25.3	38.0	.9	64.1	5.3	930
29.5	36.8		66.2	3.3	930
27.2	39.2		66.5	2.5	930
17.0	40.3	.2	59.6	2.3	930
16.5	36.8	.3	53.5	2.3	930
20.6	37.2	.7	58.5	4.0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 73 -
LST TO UTC: + 5 MONTH: NOV HOURS:ALL

HOURS (LST)	CLEAR	SCATTERED	BROKEN	AIRWAY CLASSES OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	23.3	13.7	13.2	49.3	.2	62.8	.8	900
03-05	22.7	14.1	13.2	49.4	.5	63.2	1.4	900
06-08	14.2	19.3	17.3	49.3	.3	67.4	2.5	900
09-11	9.5	15.9	19.7	52.9	1.0	73.6	2.8	900
12-14	5.4	18.9	21.9	52.4	.3	74.7	1.7	900
15-17	6.1	19.3	25.4	49.4	.3	75.4	1.4	900
18-20	13.5	17.9	17.5	51.2		68.8	2.1	900
21-23	20.4	14.9	13.3	50.6	.3	64.7	.9	900
ALL HOURS	14.2	15.0	17.0	53.0	.3	68.0	1.0	7200

MONTH: DEC HOURS: ALL

00-02	15.1	14.7	11.3	55.8	2.0	69.1	2.2	930
03-05	13.4	10.4	10.1	60.9	2.0	73.0	3.1	930
06-08	12.3	15.3	12.0	58.3	2.4	72.7	3.7	930
09-11	7.3	15.5	17.3	57.7	2.5	77.5	6.3	930
12-14	5.3	14.3	21.0	56.8	2.4	80.1	5.2	930
15-17	5.4	14.7	21.8	56.7	1.2	79.7	3.9	930
18-20	13.3	14.9	13.6	54.4	1.4	74.4	2.8	930
21-23	15.2	13.7	14.4	53.7	2.0	70.1	2.8	930
ALL HOURS	11.3	14.2	15.3	55.8	2.0	74.5	3.7	7440

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV HOURS:ALL

AIRWAY CLASSES BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
13.2	49.3	.2	62.8	.8	900
13.2	49.4	.6	63.2	1.4	900
17.3	49.3	.3	67.4	2.8	900
19.7	52.9	1.0	73.6	2.8	900
21.9	52.4	.3	74.7	1.7	900
25.8	49.4	.3	75.6	1.8	900
17.6	51.2		68.8	2.1	900
13.8	50.6	.3	64.7	.9	900
17.0	50.0	.2	68.0	1.0	7200

MONTH: DEC HOURS: ALL

11.3	55.8	2.0	69.1	2.2	930
10.1	60.9	2.0	73.0	3.1	930
12.0	58.3	2.4	72.7	3.7	930
17.3	57.7	2.5	77.5	6.3	930
21.0	56.8	2.4	80.1	5.2	930
21.8	56.7	1.2	79.7	3.9	930
13.6	54.4	1.4	74.4	2.8	930
14.4	53.7	2.0	70.1	2.8	930
15.8	56.6	2.0	74.6	3.7	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: ALL HOURS: ALL

HOURS (LST)	AIRWAY CLASSES CLEAR	SCATTERED	BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
00-02	25.6	18.4	14.7	39.3	1.0	55.0	3.5	10959
03-05	25.2	18.7	13.9	40.8	1.4	56.1	5.7	10959
06-08	13.8	23.1	19.6	41.4	2.1	63.1	8.9	10959
09-11	10.4	23.0	23.1	42.3	1.2	66.6	4.7	10959
12-14	5.9	23.2	28.3	42.0	.5	70.8	2.6	10957
15-17	5.2	24.4	28.7	41.3	.4	70.3	2.3	10959
18-20	10.0	25.6	23.0	40.9	.6	64.4	2.7	10957
21-23	21.1	21.6	17.7	38.5	.8	57.1	2.9	10956
ALL HOURS	14.8	22.3	21.1	40.8	1.0	62.9	4.1	87665

PERCENTAGE FREQUENCY OF OCCURRENCE OF SKY COVER
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: ALL HOURS: ALL

AIRWAY CLASSES					
BROKEN	OVERCAST	TOTAL OBSCURATION	GT 1/2	PARTIAL OBSCURATION	TOTAL OBS
14.7	39.3	1.0	55.0	3.5	10959
13.9	40.8	1.4	56.1	5.7	10959
13.6	41.4	2.1	63.1	8.9	10959
23.1	42.3	1.2	66.6	4.7	10959
28.3	42.0	.5	70.8	2.6	10957
28.7	41.3	.4	70.3	2.3	10959
23.0	40.9	.6	64.4	2.7	10957
17.7	33.5	.8	57.1	2.9	10956
21.1	40.8	1.0	62.9	4.1	87665

```
PPPPPPPP      AAAAAA      RRRRRRRR      TTTTTTTTTT      EEEEEEEEEE
PPPPPPPPP    AAAAAAAA     RRRRRRRRR     TTTTTTTTTT      EEEEEEEEEE
PP      PP   AA      AA    RR      RR        TT          EE
PP      PP   AA      AA    RR      RR        TT          EE
PPPPPPPPP    AA      AA    RRRRRRRRR         TT          EEEEEE
PPPPPPPP     AAAAAAAAAA    RRRRRRRR          TT          EEEEEE
PP           AAAAAAAAAA    RR    RR          TT          EE
PP           AA      AA    RR     RR         TT          EE
PP           AA      AA    RR      RR        TT          EEEEEEEEEE
PP           AA      AA    RR      RR        TT          EEEEEEEEEE
```

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. THE YEARLY AMOUNT ONLY APPEARS WHEN ALL MONTHS FOR THAT YEAR ALSO APPEAR. 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 DATA ARE AVAILABLE.

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 DATA ARE AVAILABLE.

DRY BULB, WET BULB, AND DEW POINT TEMPERATURES.
THESE TABLES ARE CREATED FROM HOURLY OBSERVATIONS--DATA IS SUMMARIZED:

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

MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS ARE GIVEN. THE MEAN NUMBER OF HOURS WITH TEMPERATURES FOR VARIOUS THRESHOLDS ALSO APPEAR AS SPECIFIED IN EACH SUMMARY AND IN ACCORDANCE WITH AFM 88-29, "ENGINEERING WEATHER DATA," AND ANSP 105-56, "METEOROLOGICAL TECHNIQUES."

NOTE 1. WINTER WET BULB AND DEW POINT MEAN TEMPERATURES FOR VERY COLD STATIONS MUST BE USED WITH CAUTION. WHEN THE DRY BULB TEMPERATURE IS BELOW -35 DEGREES F, WET BULB TEMPERATURES ARE NOT REPORTED (FMH-13). AS A RESULT, WINTER MEAN DEW POINTS (AND MORE FREQUENTLY, WINTER MEAN WET BULB TEMPERATURES) ARE ACTUALLY LOWER THAN SHOWN IN THE TABLES. IN SOME HOUR GROUPS, IN FACT, MEAN WET BULB TEMPERATURES MAY ACTUALLY BE SHOWN AS EXCEEDING THE MEAN DRY BULB TEMPERATURES.

TEMPERATURE CONVERSION: 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 TEMPERATU
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: +05 MONTH: ALL HOUR

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
GE	100						.1	.2	.1	.1		
GE	95						2.0	3.3	2.8	.7		
GE	90					1.3	12.9	18.5	14.5	6.0	.1	
GE	85				.8	9.5	36.7	49.2	41.5	20.6	1.5	
GE	80			.5	7.2	25.4	61.1	77.3	72.4	41.0	8.0	
GE	75			3.2	15.2	43.6	80.3	95.4	90.1	61.6	21.1	1
GE	70		.4	8.4	29.0	62.5	92.7	99.4	98.0	80.5	37.0	6
GE	65	.5	1.8	16.0	42.7	79.3	98.2	100.0	100.0	92.1	53.5	14
GE	60	3.0	5.6	25.4	58.5	89.6	99.2			97.8	71.8	25
GE	55	6.8	11.9	37.2	72.9	96.0	99.8			99.0	84.9	39
GE	50	12.6	22.4	49.1	84.6	99.0	100.0			100.0	93.5	55
GE	45	21.4	31.9	62.0	92.8	99.9					98.4	70
GE	40	33.9	47.6	76.7	98.3	100.0					99.7	84
GE	35	52.1	65.3	89.1	99.7						100.0	94
GE	30	69.3	72.2	92.4	99.8							96
GE	25	79.4	80.4	96.4	100.0							98
GE	20	81.8	83.1	98.1								99
GE	15	91.1	96.0	99.8								99
GE	10	96.3	98.5	100.0								100
GE	5	98.7	99.9									
GE	0	99.4	100.0									
GE	-5	99.9										
GE	-10	100.0										
MEAN		37.4	39.3	50.1	62.1	72.3	81.2	84.3	83.0	76.9	65.4	51
SD		12.39	11.69	12.96	11.49	9.43	7.53	5.79	6.25	8.57	10.05	11.
TOTAL OBS		1264	1252	1364	1319	1364	1320	1364	1398	1347	1364	13

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

NAME: RICKENBACKER ANGB OH
TC: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.1	.2	.1	.1				.0
		2.0	3.3	2.8	.7				.7
	1.3	12.9	18.5	14.5	6.0	.1			4.5
.3	9.5	36.7	49.9	41.5	20.6	1.5			13.5
7.2	25.4	61.1	79.3	72.5	41.0	9.0	.1		24.9
16.2	43.6	80.3	95.4	90.1	61.6	21.1	1.7	.1	34.7
29.0	62.5	92.7	99.4	98.0	80.5	37.0	6.3	.2	43.2
42.7	79.3	98.2	100.0	100.0	92.1	53.5	14.8	1.8	50.4
58.5	89.6	99.2			97.8	71.8	25.5	6.0	57.2
72.9	96.0	99.8			99.0	84.9	39.6	12.4	63.7
84.6	99.0	100.0			100.0	93.5	55.2	19.7	69.8
92.8	99.9					98.4	70.4	30.7	75.9
98.3	100.0					99.7	84.0	46.3	82.4
99.7						100.0	94.2	66.3	89.0
99.9							96.7	74.9	91.4
100.0							98.1	83.9	94.2
							99.7	91.9	96.8
							99.9	96.2	98.5
							100.0	98.6	99.5
								99.6	99.9
								99.9	99.9
								100.0	100.0
									100.0
52.1	72.8	81.2	84.3	83.0	76.2	65.4	51.5	39.7	61.9
11.49	9.43	7.53	5.79	6.25	8.57	10.06	11.34	11.49	20.10
1319	1364	1320	1364	1398	1347	1364	1320	1364	16130

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MINIMUM TEMPE
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF REC
LST TO UTC: +05 MONTH: ALL

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
GE	75						.4	.5	.1		
GE	70					.1	7.7	17.6	13.3	3.5	.1
GE	65					4.0	31.1	51.3	42.3	17.0	1.1
GE	60			.4	2.2	20.5	56.1	78.7	68.8	35.3	4.8
GE	55	.1	.1	1.6	9.3	37.7	78.1	94.4	85.7	63.4	13.6
GE	50	.3	.4	4.9	20.8	56.1	92.3	99.4	95.8	72.2	27.7
GE	45	.9	1.4	10.3	35.9	77.3	98.9	100.0	99.6	87.4	46.0
GE	40	3.2	5.4	19.5	53.4	91.7	99.9		99.9	96.3	68.1
GE	35	9.3	13.0	34.7	75.0	97.7	100.0		100.0	99.5	84.9
GE	33	15.5	15.4	43.2	82.0	98.9				99.9	90.3
GE	30	24.7	30.0	58.4	92.0	99.9				100.0	95.5
GE	25	41.4	52.0	77.0	98.6	100.0					99.1
GE	20	57.2	67.3	91.2	99.9						99.9
GE	15	74.5	78.7	95.9	100.0						100.0
GE	10	81.2	86.8	99.4							
GE	5	90.6	92.6	99.8							
GE	0	94.3	95.5	99.9							
GE	-5	97.5	99.2	100.0							
GE	-10	99.7	100.0								
GE	-15	99.7									
GE	-20	99.9									
GE	-25	100.0									
MEAN		22.4	23.1	31.5	41.3	51.3	60.2	64.1	62.3	55.2	44.0
SD		12.06	11.22	10.00	9.07	8.38	6.88	5.57	5.43	8.73	9.02
TOTAL OBS		1364	1252	1347	1319	1364	1320	1364	1377	1347	1364

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

STATION NAME: RICKENBACKER ANGB OH
PERIOD OF RECORD: 4208-4909,5102-8802
ST TO UTC: +05
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
			.4	.6	.1					.1
		.1	7.7	17.6	13.3	3.6	.1			3.6
		4.0	31.1	51.8	42.3	17.0	1.1			12.4
.4	2.2	20.5	56.1	78.7	68.8	35.3	4.8	.8	.1	22.5
1.9	9.3	37.7	78.1	94.4	86.7	53.4	13.6	2.7	.4	31.3
4.9	20.8	56.1	92.3	99.4	96.8	72.2	27.7	8.2	1.2	40.5
10.3	35.9	77.3	98.9	100.0	99.6	87.4	46.0	16.7	3.3	48.5
19.5	53.4	91.7	99.9		99.9	96.3	68.1	27.2	8.9	56.5
34.7	75.0	97.7	100.0		100.0	99.6	84.9	45.0	19.0	65.2
43.2	82.0	98.9				99.9	90.3	55.2	24.9	69.3
56.4	92.0	99.9				100.0	95.5	69.9	36.5	75.5
73.0	98.6	100.0					99.1	87.3	57.1	84.6
91.2	99.9						99.9	96.2	73.2	90.5
95.9	100.0						100.0	98.7	83.2	93.9
99.4								99.3	90.6	96.4
99.8								99.9	95.1	98.1
99.9								99.9	97.7	99.0
100.0								99.9	99.3	99.7
								100.0	100.0	99.9
										100.0
										100.0
										100.0
51.3	41.3	51.3	60.2	64.1	62.3	55.2	44.0	34.6	25.3	42.9
10.99	9.07	8.38	6.88	5.57	6.43	8.73	9.02	9.62	11.31	17.74
1347	1319	1364	1320	1364	1377	1347	1364	1320	1364	16102

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF MEAN TEMPERA
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECOR
LST TO UTC: +05 MONTH: ALL HO

TEMP (DEG-F)		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	
GE	85						.6	1.1	.4	.2		
GE	80					.1	9.3	15.3	11.4	3.0		
GE	75					5.3	31.8	51.0	41.0	17.1	1.0	
GE	70			.1	3.4	21.3	60.8	82.8	73.0	36.3	4.1	
GE	65			1.9	10.6	41.2	81.1	96.6	91.4	57.9	14.1	
GE	60	.1	.2	5.0	23.2	61.3	95.4	99.3	98.3	79.5	30.6	
GE	55	.4	1.1	12.5	39.7	80.4	99.1	100.0	99.9	92.7	51.3	
GE	50	2.7	4.2	21.1	56.1	93.0	99.9		100.0	98.4	71.3	
GE	45	7.0	10.9	35.0	75.8	98.7	100.0			99.9	88.9	
GE	40	15.5	22.5	53.7	91.0	99.6				100.0	96.7	
GE	35	29.3	40.5	71.3	97.5	100.0					99.4	
GE	33	36.7	49.0	79.2	98.5						99.9	
GE	30	48.5	59.8	86.9	99.8						100.0	
GE	25	64.0	74.4	94.7	100.0							
GE	20	77.3	85.1	98.0								
GE	15	87.5	91.9	99.5								
GE	10	93.5	97.3	99.9								
GE	5	97.4	99.3	100.0								1
GE	0	99.1	100.0									
GE	-5	99.7										
GE	-10	99.9										
GE	-15	100.0										
MEAN		24.1	31.4	41.0	51.9	62.0	70.9	74.4	72.3	56.2	54.9	
SD		11.43	10.91	10.78	9.48	8.15	6.58	5.01	6.65	7.58	8.49	
TOTAL OBS		1364	1252	1347	1319	1364	1320	1364	1377	1347	1364	

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

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: 4208-4909,5102-8802
TC: +05 MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
		.6	1.1	.4	.2				.2
	.1	9.3	15.3	11.4	3.0				3.2
	5.3	31.8	51.0	41.0	17.1	1.0			12.4
3.4	21.3	60.9	82.8	73.0	36.3	4.1	.2		23.7
10.5	41.2	81.1	96.5	91.4	57.9	14.1	1.3	.1	33.3
23.2	61.3	95.4	99.3	99.3	79.5	30.6	5.4	.7	42.0
39.7	80.4	99.1	100.0	99.9	92.7	51.3	13.6	2.2	49.8
56.1	93.0	99.9		100.0	98.4	71.8	26.1	6.0	57.0
75.8	98.7	100.0			99.9	86.9	41.9	13.5	64.6
91.0	99.6				100.0	96.7	63.2	25.1	72.5
97.5	100.0					99.4	81.1	42.2	80.3
98.5						99.9	88.0	51.1	83.6
99.8						100.0	93.5	63.2	87.8
100.0							98.0	79.3	92.6
							99.4	89.3	95.8
							99.8	94.6	97.8
							99.9	97.7	99.0
							100.0	99.2	99.7
								99.8	99.9
								100.0	100.0
									100.0
									100.0
51.9	62.0	73.9	74.4	72.8	66.2	54.9	43.2	32.7	52.6
7.43	6.15	6.58	5.01	5.65	7.88	8.49	9.76	10.88	18.56
1319	1364	1320	1364	1377	1347	1364	1320	1364	16102

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: 4208
LST TO UTC: +05 MONTH: ALL HOURS: AL

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
42								91*	91	82	74
43	63	64	77	73	89	95	92	93	96	84	75
44	62	70	78	79	91	100	100	98	91	84	75
45	60	68	84	83	85	95	94	94	94	78	73
46	61	59	77	84	83	93	95	90	92	89	76
47	67	64	65	85	84	93	92	97	88	85	64
48	69	67	78	87	86	94	95	99	92	74	72
49	64	65	73	77	92	94	95	94	87		
51		61*	72	84	87	94	95	99	90	90	69
52	67	60	69	84	91	96	99	93	94	87	73
53	62	69	75	80	92	97	93	98	100	89	71
54	67	71	68	83	89	96	102	92	98	84	72
55	69	65	71	80	87	89	96	96	94	80	73
56	64	61	71	81	87	91	94	94	88	80	75
57	69	71	72	85	84	94	97	93	93	77	69
58	61	62	66	83	86	91	91	90	91	80	73
59	64	65	74	81	90	96	94	97	93	89	75
60	61	65	73	88	85	89	89	91	92	81	70
61	61	71	73	79	85	89	91	87	89	82	79
62	61	62	76	86	91	92	97	96	85	82	62
63	61	63	77	80	85	90	91	91	85	85	69
64	63	63	69	80	92	91	91	95	94	79	72
65	62	63	64	78	87	92	92	91	87	75	70
66	66	66	73	78	86	99	100	86	90	76	63
67	67	61	79	79	87	91	90	87	86	83	64
68	64	68	77	78	82	92	93	94	87	84	79
69	60	61	73	82	89	91	92	88	86	85	69
70	61	68	63	85	86	93	95	90	90	80	69
71	65	65	72	80	83	92	87	85	86	84	71
72	61	68	71	76	87	88	93	93	87	74	65
73	63	60	79	81	78	93	93	93	93	84	70
74	64	64	81	83	88	88	94	89	80	79	71
75	67	65	67	75	90	94	95	95	88	82	77

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

E: RICKENBACKER ANGB OH
+05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				91*	91	82	74	61	91*
73	89	95	92	93	96	84	75	58	96
79	91	100	100	98	91	84	75	54	100
53	85	95	94	94	94	78	73	53	95
84	83	93	96	90	92	89	76	67	96
85	84	93	92	97	88	85	64	58	97
87	86	94	95	99	92	74	72	63	99
77	92	94	95	94	87				95*
84	87	94	95	99	90	90	69	66	99*
84	91	98	99	98	94	97	73	64	99
80	92	97	98	98	100	89	71	65	100
83	89	96	102	92	98	84	72	56	102
80	87	89	96	96	94	80	73	61	96
81	87	91	94	94	88	80	75	69	94
85	84	94	97	93	93	77	69	61	97
83	86	91	91	90	91	80	78	56	91
81	90	96	94	97	93	88	75	65	97
83	85	89	89	91	92	81	70	63	92
79	85	89	91	87	89	82	78	65	91
86	91	92	97	96	85	82	62	63	96
80	85	90	91	91	85	85	68	58	91
80	92	91	91	95	94	79	72	57	95
78	87	92	92	91	87	75	70	65	92
78	86	99	100	86	90	76	68	68	100
79	87	91	90	87	86	83	64	56	91
78	82	92	93	94	87	84	79	54	94
92	89	91	92	88	86	85	60	47	92
85	86	93	95	90	90	80	69	69	95
80	83	92	87	85	86	84	71	69	92
76	87	88	93	93	87	74	65	63	93
81	78	93	93	93	93	84	70	63	93
83	88	88	94	89	80	79	71	54	94
75	90	94	95	95	88	82	77	65	95

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECO
LST TO UTC: +05 MONTH: ALL H

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
76	71	70	79	94	82	92	95	96	86	76
77	83	64	82	94	91	92	97	90	90	75
78	51	36	77	79	87	99	93	92	91	76
79	58	48	75	79	89	91	88	91	87	81
80	53	53	65	81	86	90	97	93	90	82
81	56	59	81	83	83	91	95	90	96	82
82	57	56	71	75	85	83	88	95	85	83
83	49	57	79	79	82	91	98	103	97	85
84	64	67	65	83	85	93	94	89	93	77
85	66	65	73	84	84	86	90	93	92	82
86	61	60	81	85	87	94	94	93	89	83
87	53	49	79	86	88	90	93	95	86	74
88	61	62								
GREATEST	69	71	84	88	92	100	102	103	100	90
TOTAL OBS	1364	1252	1364	1319	1364	1320	1364	1333	1347	1364

THE GREATEST VALUE OF 103 OCCURRED ON 08/20/83

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

MONTHLY MAXIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

NAME: RICKENBACKER ANGB OH
TC: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
84	82	92	95	86	86	76	60	54	95
84	91	92	97	90	90	75	77	58	97
79	87	99	93	92	91	76	71	60	99
79	89	91	88	91	87	81	69	62	91
81	86	90	97	93	90	82	71	62	97
83	83	91	95	90	96	82	72	62	95
75	85	83	88	85	85	83	78	76	88
79	82	91	98	103	97	85	72	52	103
83	85	93	94	89	93	77	76	71	94
84	84	86	90	93	92	82	71	58	93
85	87	94	94	93	89	93	74	58	94
85	88	90	93	95	86	74	80	62	95
									62*
88	92	100	102	103	100	90	80	76	103
1319	1364	1320	1364	1393	1347	1364	1320	1364	16130

103 OCCURRED ON 08/20/83

ED 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: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: +05 MONTH: ALL HOU

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
42								49*	33	22
43	4	0	0	25	32	48	50	51	35	30
44	9	-1	12	23	40	48	51	47	40	28
45	1	2	22	28	32	41	50	46	48	31
46	2	6	24*	30	39	44	53	47	40	31
47	4	-2	19	28	29	44	49	53	35	32
48	-16	-8	6	29	37	44	54	49	42	28
49	6	5	15	28	36	45	59	50	38	
51		26*	19	29	43	49	54	47	37	30
52	10	15	21	30	39	49	54	47	40	19
53	7	14	15	23	42	46	54	51	41	29
54	6	13	15	23	33	45	55	52	43	31
55	-1	-2	12	28	39	49	60	54	46	27
56	5	15	8	30	36	47	56	48	35	35
57	-6	15	18	25	33	50	50	51	40	24
58	5	-2	25	28	37	48	60	50	42	31
59	-5	7	16	31	35	49	56	55	36	32
60	11	7	-1	27	38	52	55	55	45	25
61	-7	3	22	25	34	42	50	53	33	26
62	-8	-4	10	23	42	49	46	46	31	20
63	-15	-7	18	26	30	45	49	46	32	22
64	-17	8	14	17	38	44	50	43	39	21
65	-13	-8	16	21	42	47	49	37	37	23
66	-11	3	11	25	26	42	51	51	40	26
67	6	-2	1	26	32	48	50	49	35	26
68	-11	-1	10	30	31	49	49	46	45	30
69	3	17	14	28	37	45	59	52	35	22
70	-6	-1	11	25	32	49	48	54	37	30
71	2	-2	14	26	30	48	54	48	43	34
72	-6	-3	15	20	36	38	45	47	42	25
73	6	4	23	29	35	52	53	51	42	34
74	7	12	5	30	34	48	54	54	33	26
75	10	0	15	23	40	47	53	54	39	28

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

AME: RICKENBACKER ANGB OH
C: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
				49*	33	22	19	-10	-10*
25	32	48	50	51	35	30	17	1	0
23	40	48	51	47	40	28	20	-1	-1
28	32	41	50	46	48	31	21	-4	-4
30	39	44	53	47	40	31	20	13	2*
28	29	44	49	53	35	32	13	12	-2
29	37	44	54	49	42	28	26	8	-16
28	36	45	59	50	38				5*
29	43	49	54	47	37	30	19	-8	-8*
30	39	49	54	47	40	19	14	8	8
23	42	46	54	51	41	29	19	2	2
23	33	45	55	52	43	31	26	8	6
28	39	49	60	54	46	27	9	3	-2
30	36	47	56	48	35	35	7	18	5
25	33	50	59	51	40	26	18	9	-6
29	37	48	60	50	42	31	-6	-9	-9
31	35	49	56	55	36	32	9	10	-5
27	38	52	55	55	45	25	22	-7	-7
25	34	42	50	53	33	26	16	1	-7
23	42	49	46	46	31	20	22	-3	-3
26	30	45	49	46	32	22	21	-10	-15
17	38	44	50	43	39	21	12	7	-17
21	42	47	49	37	37	23	21	18	-13
25	26	42	51	51	40	26	20	-2	-11
26	32	48	50	49	35	26	17	11	-2
30	31	49	49	46	45	30	25	9	-11
28	37	45	59	52	35	22	17	6	3
25	32	49	48	54	37	30	13	10	-6
26	30	48	54	48	43	34	14	16	-2
20	36	38	45	47	42	25	21	8	-6
29	35	52	53	51	42	34	22	14	4
30	34	48	54	54	33	26	20	15	5
23	40	47	53	54	39	28	24	12	0

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: +05 MONTH: ALL HOU

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
76	-5	3	19	23	35	55	55	50	38	22
77	-22	-10	20	29	38	43	54	49	45	30
78	-5	-4	1	30	33	46	52	55	42	32
79	-3	-4	18	25	34	47	51	48	44	31
80	12	5	3	33	31	45	57	50	41	29
81	-1	1	22	31	38	51	52	50	38	27
82	-10	-5	20	19	39	46	49	40	42	29
83	4	13	22	28	34	48	52	54	37	32
84	-18	13	1	33	38	50	52	52	34	35
85	-13	-7	22	25	38	46	53	51	41	35
86	3	2	9	26	34	46	54	43	44	35
87	2	10	22	24	40	47	55	52	39	26
88	-2	0								
LEAST	-22	-10	-1	17	26	38	45	37	31	19
TOTAL OBS	1364	1252	1347	1319	1364	1320	1364	1377	1347	1364

THE LEAST VALUE OF -22 OCCURRED ON 01/17/77

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

MONTHLY MINIMUM TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

ON NAME: RICKENBACKER ANGB OH
D UTC: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
19	23	35	55	55	50	38	22	5	0	-5
20	29	38	43	54	49	45	30	17	-1	-22
1	30	33	46	52	55	42	32	27	14	-5
18	25	34	47	51	48	44	31	26	17	-4
7	33	31	45	57	50	41	29	19	-2	-2
22	31	38	51	52	50	38	27	21	6	-1
20	19	39	46	49	40	42	29	22	15	-10
22	28	34	48	52	54	37	32	24	-7	-7
1	33	38	50	52	52	34	35	21	8	-18
22	25	38	46	53	51	41	35	28	1	-13
7	26	34	46	54	43	44	35	13	16	2
22	24	40	47	55	52	39	26	18	15	2
										-2*
-1	17	26	38	45	37	31	19	-6	-10	-22
347	1319	1364	1320	1364	1377	1347	1364	1320	1364	16102

-22 OCCURRED ON 01/17/77

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: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: +05 MONTH: ALL HOUR

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

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

NAME: RICKENBACKER ANGB OH
UTC: +05

PERIOD OF RECORD: 4?08-4909,5102-8802
MONTH: ALL HOURS: ALL

R	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
					70*	66	56	44	28	50*
	47	63	76	76	74	65	53	40	30	52
7	50	69	74	76	75	66	54	43	27	53
1	54	58	69	73	73	70	54	44	26	52
3*	51	60	70	74	68	56	58	47	36	54*
	51	59	69	71	79	67	53	40	32	52
3	55	60	71	76	72	57	51	46	35	52
1	49	63	74	78	74	62				57*
1	50	64	72	75	73	65	58	38	32	56*
	53	62	76	79	74	65	50	44	35	54
	49	66	74	76	75	68	59	45	35	55
	58	58	73	75	73	70	57	43	33	54
	57	64	67	78	77	69	55	40	30	54
	49	62	71	74	73	64	59	43	41	53
	54	63	73	75	73	67	51	43	37	54
	53	62	67	74	73	65	55	45	23	51
	53	67	73	76	79	70	56	40	37	54
	56	60	71	73	76	69	56	44	25	52
	47	57	66	72	71	69	55	42	30	51
	49	67	70	71	71	61	54	42	26	50
	51	55	69	72	68	63	59	44	21	50
1	53	53	69	73	70	65	51	45	35	52
	52	67	69	71	70	66	52	43	38	52
	49	57	71	76	70	62	50	42	31	51
	54	56	72	72	69	62	53	38	35	51
	53	59	71	74	74	67	56	45	32	52
	52	62	69	75	72	64	54	39	27	51
	54	65	71	73	72	70	57	44	36	53
	49	57	72	71	69	68	61	41	39	52
	50	62	66	73	72	67	51	41	37	51
	52	60	74	76	75	70	60	47	36	56
	56	62	68	75	73	60	53	44	35	54
	46	65	72	74	76	62	55	48	35	54

OPERATING LOCATION 'A'
USAFETAC, ASHEVILLE NC

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: +05 MONTH: ALL HOU

YEAR	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
76	26	30	47	52	60	72	74	69	63	48
77	13	27	47	57	69	70	77	73	69	53
78	20	18	37	52	61	72	73	73	70	51
79	23	21	45	50	63	72	73	72	66	53
80	32	26	39	51	63	69	76	77	69	53
81	24	34	41	56	60	72	75	73	64	54
82	24	31	41	45	65	63	72	66	63	57
83	31	35	45	50	59	71	78	73	69	57
84	24	37	34	51	59	74	72	74	63	60
85	24	27	44	56	62	67	71	71	67	58
86	29	32	43	54	66	72	77	72	70	54
87	32	35	45	52	67	73	77	75	68	60
88	25	30								
MEAN	28.1	31.4	41.0	51.9	62.0	70.9	74.4	72.3	66.2	54.9
TOTAL OBS	1344	1252	1347	1319	1364	1320	1364	1377	1347	1364

NOTE: *THE VALUE IS BASED ON A MONTH WITH LESS THAN 80% OF THE DATA AVAILABLE FOR

MONTHLY MEAN TEMPERATURES IN FAHRENHEIT
FROM SUMMARY OF DAY DATA

TION NAME: RICKENBACKER ANGB OH
TO UTC: +05

PERIOD OF RECORD: 4208-4909,5102-8802
MONTH: ALL HOURS: ALL

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANNUAL
47	52	60	72	74	69	63	48	36	26	51
47	57	69	70	77	73	69	53	46	30	53
37	52	61	72	73	73	70	51	46	35	51
45	50	63	72	73	72	66	53	44	37	52
39	51	63	69	76	77	69	53	41	33	52
41	56	60	72	75	73	64	54	44	33	53
41	45	65	63	72	66	63	57	46	41	51
45	50	59	71	78	73	69	57	45	26	54
34	51	59	74	72	74	63	60	42	41	53
44	56	62	67	71	71	67	58	49	27	52
43	54	66	72	77	72	70	58	43	34	54
45	52	67	73	77	75	68	60	49	37	55
										28*
41.0	51.9	62.0	70.9	74.4	72.3	66.2	54.9	43.2	32.7	52.6
1347	1319	1364	1320	1364	1377	1347	1364	1320	1364	16102

IS BASED ON A MONTH WITH LESS THAN 80% OF THE DATA AVAILABLE FOR THE MONTH

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7[illegible]
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 0	LE 32	GE 65	GE 80	GE [illegible]
00-02	25.7	11.596	930	25	672	0	0	
03-05	24.9	12.110	930	31	685	0	0	
06-08	24.2	12.120	930	34	699	0	0	
09-11	26.0	11.480	930	20	642	1	0	
12-14	29.6	10.902	930	12	521	1	0	
15-17	30.5	10.513	930	8	477	0	0	
18-20	27.9	10.411	930	12	581	0	0	
21-23	26.2	11.000	930	20	649	0	0	
ALL HOURS	26.9	11.434	7440	156	4926	2	0	

MONTH: FEB

00-02	28.5	11.768	849	6	543	0	0	
03-05	27.4	11.979	849	17	564	0	0	
06-08	26.5	12.086	849	29	561	0	0	
09-11	29.7	11.746	849	6	467	0	0	
12-14	34.3	11.208	849	0	365	4	0	
15-17	36.1	12.068	849	0	341	9	0	
18-20	33.1	11.319	847	0	373	0	0	
21-23	30.3	11.359	845	3	460	0	0	
ALL HOURS	30.8	12.228	6787	61	3697	13	0	

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
930	25	672	0	0	0	930
930	31	685	0	0	0	930
930	28	699	0	0	0	930
930	20	642	1	0	0	930
930	12	521	1	0	0	930
930	3	477	0	0	0	930
930	12	581	0	0	0	930
930	20	649	0	0	0	930
7440	156	4926	2	0	0	7440

MONTH: FEB

849	6	543	0	0	0	849
849	17	564	0	0	0	849
849	29	561	0	0	0	849
849	6	467	0	0	0	849
849	0	368	4	0	0	849
849	0	341	9	0	0	849
847	0	393	0	0	0	847
846	3	460	0	0	0	846
6787	61	3697	13	0	0	6787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 0	LE 32	GE 65	GE 80	GE
00-02	37.6	10.698	930	0	282	6	0	
03-05	36.2	10.807	930	0	333	3	0	
06-08	35.5	10.767	930	0	342	0	0	
09-11	40.6	11.580	930	0	197	26	0	
12-14	46.1	12.596	930	0	112	84	1	
15-17	47.9	12.933	930	0	84	116	8	
18-20	44.4	11.626	930	0	124	52	0	
21-23	40.4	10.679	930	0	204	10	0	
ALL HOURS	41.1	12.233	7440	0	1678	297	9	

MONTH: APR

00-02	47.4	9.493	900	0	47	31	0	
03-05	45.3	9.635	900	0	59	21	0	
06-08	45.6	9.829	900	0	65	21	0	
09-11	52.7	10.912	900	0	30	143	2	
12-14	57.9	11.757	899	0	11	251	38	
15-17	59.5	11.917	900	0	6	305	52	
18-20	56.1	10.966	900	0	14	201	17	
21-23	50.7	9.565	900	0	30	81	0	
ALL HOURS	51.9	11.785	7199	0	272	1054	109	

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TD UTC: + 5 MONTH: MAR

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
930	0	282	6	0	0	930
930	0	333	3	0	0	930
930	0	342	0	0	0	930
930	0	197	26	0	0	930
930	0	112	84	1	0	930
930	0	84	116	8	0	930
930	0	124	52	0	0	930
930	0	204	10	0	0	930
7440	0	1678	297	9	0	7440

MONTH: APR

900	0	47	31	0	0	900
900	0	59	21	0	0	900
900	0	65	21	0	0	900
900	0	30	143	2	0	900
899	0	11	251	38	0	899
900	0	6	305	52	0	900
900	0	14	201	17	0	900
900	0	30	81	0	0	900
7199	0	272	1054	109	0	7199

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78
LST TO UTC: + 5 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES 0 LE 0	LE 32	GE 65	GE 80	GE 9
00-02	56.8	7.912	930	0	0	170	0	
03-05	54.6	8.380	930	0	2	126	0	
06-08	56.2	8.393	930	0	0	163	0	
09-11	64.2	8.814	930	0	0	467	28	
12-14	69.1	9.657	930	0	0	636	156	
15-17	70.2	9.537	930	0	0	676	189	
18-20	66.9	8.746	930	0	0	578	53	
21-23	60.7	7.753	930	0	0	316	1	
ALL HOURS	62.3	10.358	7440	0	2	3132	437	

MONTH: JUN

00-02	64.6	6.603	900	0	0	494	0	
03-05	62.4	6.962	900	0	0	401	0	
06-08	64.6	6.922	900	0	0	483	4	
09-11	72.2	7.084	900	0	0	779	168	
12-14	77.5	7.430	900	0	0	952	366	
15-17	78.7	7.240	900	0	0	870	420	
18-20	75.2	6.784	900	0	0	836	255	
21-23	68.4	6.131	900	0	0	658	11	
ALL HOURS	70.5	9.132	7200	0	0	5373	1224	1

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAY

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
930	0	0	170	0	0	930
930	0	2	126	0	0	930
930	0	0	163	0	0	930
930	0	0	467	28	0	930
930	0	0	636	156	0	930
930	0	0	676	189	0	930
930	0	0	578	63	0	930
930	0	0	316	1	0	930
7440	0	2	3132	437	0	7440

MONTH: JUN

900	0	0	494	0	0	900
900	0	0	401	0	0	900
900	0	0	483	4	0	900
900	0	0	779	168	0	900
900	0	0	852	366	5	900
900	0	0	870	420	8	900
900	0	0	836	255	2	900
900	0	0	658	11	0	900
7200	0	0	5373	1224	15	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 0	LE 32	GE 65	GE 80	GE
00-02	68.7	5.323	930	0	0	724	12	
03-05	66.5	5.630	930	0	0	615	0	
06-08	68.1	5.623	930	0	0	697	13	
09-11	76.4	5.813	930	0	0	922	273	
12-14	81.2	6.221	930	0	0	930	575	
15-17	82.1	6.313	930	0	0	929	607	
18-20	78.7	5.902	930	0	0	927	413	
21-23	72.1	5.231	930	0	0	856	66	
ALL HOURS	74.2	8.147	7440	0	0	6600	1961	

MONTH: AUG

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 0	LE 32	GE 65	GE 80	GE
00-02	67.0	5.965	930	0	0	655	1	
03-05	64.9	6.327	930	0	0	560	0	
06-08	66.0	6.290	930	0	0	600	2	
09-11	74.4	6.193	930	0	0	874	197	
12-14	80.0	6.557	929	0	0	921	517	
15-17	80.9	6.571	930	0	0	923	581	
18-20	76.5	6.362	930	0	0	896	324	
21-23	69.9	5.760	930	0	0	764	29	
ALL HOURS	72.5	8.669	7439	0	0	6194	1651	

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JUL

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
930	0	0	724	12	0	930
930	0	0	615	0	0	930
930	0	0	697	13	0	930
930	0	0	922	273	0	930
930	0	0	930	575	28	930
930	0	0	929	607	51	930
930	0	0	927	413	6	930
930	0	0	856	68	0	930
7440	0	0	6600	1961	85	7440

MONTH: AUG

930	0	0	655	1	0	930
930	0	0	560	0	0	930
930	0	0	600	2	0	930
930	0	0	874	197	3	930
929	0	0	921	517	16	929
930	0	0	923	581	25	930
930	0	0	896	324	4	930
930	0	0	764	29	0	930
7439	0	0	5194	1651	48	7439

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 -
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DE LE 0	LE 32	GE 65	GE 80	GE 93
00-02	61.1	8.471	900	0	0	352	0	0
03-05	59.0	8.795	900	0	0	288	0	0
06-08	59.3	8.926	900	0	0	312	0	0
09-11	68.4	8.376	900	0	0	600	83	0
12-14	74.7	8.647	900	0	0	785	298	3
15-17	75.9	8.593	900	0	0	808	329	5
18-20	70.0	8.298	900	0	0	665	108	0
21-23	63.9	8.095	900	0	0	465	3	0
ALL HOURS	66.5	10.567	7200	0	0	4275	821	8

MONTH: OCT

00-02	50.6	9.146	930	0	11	80	0	0
03-05	48.9	9.636	930	0	33	65	0	0
06-08	48.4	9.808	930	0	43	60	0	0
09-11	55.7	8.612	930	0	1	156	0	0
12-14	62.0	9.004	930	0	0	373	18	0
15-17	62.8	9.232	930	0	0	413	32	0
18-20	57.0	8.464	930	0	0	190	2	0
21-23	52.8	8.545	930	0	0	93	0	0
ALL HOURS	54.8	10.498	7440	0	88	1430	52	0

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: SEP

TAL S	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 90	GE 93	TOTAL HOURS
	0	0	352	0	0	900
	0	0	288	0	0	900
	0	0	312	0	0	900
	0	0	600	83	0	900
	0	0	785	298	3	900
	0	0	808	329	5	900
	0	0	665	108	0	900
	0	0	465	3	0	900
	0	0	4275	821	8	7200

MONTH: OCT

	0	11	80	0	0	930
	0	33	65	0	0	930
	0	43	60	0	0	930
	0	1	156	0	0	930
	0	0	373	18	0	930
	0	0	413	32	0	930
	0	0	190	2	0	930
	0	0	93	0	0	930
	0	88	1430	52	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 79 -
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 0	LE 32	GE 65	GE 90	GE 93
00-02	42.1	9.898	900	0	137	4	0	0
03-05	40.9	9.959	900	0	174	5	0	0
06-08	40.2	10.055	900	0	198	1	0	0
09-11	44.5	9.832	900	0	79	31	0	0
12-14	49.5	10.847	900	0	21	100	1	0
15-17	50.0	10.788	900	0	19	114	1	0
18-20	45.9	9.689	900	0	49	36	0	0
21-23	43.2	9.585	900	0	106	7	0	0
ALL HOURS	44.6	10.651	7200	0	783	298	2	0

MONTH: DEC

00-02	32.3	11.567	930	6	452	4	0	0
03-05	32.2	11.532	930	6	451	0	0	0
06-08	31.3	11.805	930	8	488	0	0	0
09-11	34.0	11.772	930	7	398	6	0	0
12-14	37.3	11.557	930	3	276	15	0	0
15-17	37.8	11.339	930	3	244	16	0	0
18-20	35.1	11.249	930	3	351	3	0	0
21-23	33.6	11.507	930	4	409	1	0	0
ALL HOURS	34.3	11.744	7440	40	3069	45	0	0

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 93	TOTAL HOURS
900	0	137	4	0	0	900
900	0	174	5	0	0	900
900	0	198	1	0	0	900
900	0	79	31	0	0	900
900	0	21	100	1	0	900
900	0	19	114	1	0	900
900	0	49	36	0	0	900
900	0	106	7	0	0	900
7200	0	783	299	2	0	7200

MONTH: DEC

930	5	452	4	0	0	930
930	5	451	0	0	0	930
930	8	488	0	0	0	930
930	7	398	5	0	0	930
930	3	276	15	0	0	930
930	3	244	16	0	0	930
930	3	351	3	0	0	930
930	4	409	1	0	0	930
7440	40	3069	45	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 0	LE 32	GE 65	GE 80	GE
00-02	48.7	17.308	10959	37	2144	2521	13	
03-05	47.0	17.027	10959	54	2311	2034	0	
06-08	47.3	17.823	10959	55	2396	2337	19	
09-11	53.4	19.933	10959	33	1814	4005	751	
12-14	58.4	20.457	10957	15	1309	4952	1970	
15-17	59.6	20.437	10959	11	1171	5179	2219	
18-20	55.7	19.677	10957	15	1512	4384	1182	
21-23	51.1	17.934	10956	27	1858	3251	112	
ALL HOURS	52.6	19.405	87665	257	14515	28713	6266	

DRY BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
E TO UTC: + 5 MONTH: ALL

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 0	LE 32	GE 65	GE 80	GE 90	TOTAL HOURS
10959	37	2144	2521	13	0	10959
10959	54	2311	2084	0	0	10959
10959	55	2396	2337	19	0	10959
10959	33	1814	4005	751	3	10959
10957	15	1309	4952	1970	52	10957
10959	11	1171	5179	2219	89	10959
10957	15	1512	4384	1142	12	10957
10956	27	1858	3251	112	0	10956
[illegible]	257	14515	28713	6266	156	87665

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 32	GE 50	GE 67	GE 73	GE
00-02	23.1	10.919	930	790	7	0	0	
03-05	22.4	11.398	930	794	9	0	0	
06-08	21.9	11.487	930	799	8	0	0	
09-11	23.3	10.806	930	780	7	0	0	
12-14	25.9	10.071	930	711	12	0	0	
15-17	26.5	9.605	930	693	6	0	0	
18-20	24.7	9.771	930	758	3	0	0	
21-23	23.4	10.276	930	784	3	0	0	
ALL HOURS	23.9	10.633	7440	5999	55	0	0	

MONTH: FEB

00-02	25.9	11.233	849	609	14	0	0	
03-05	24.9	11.467	849	625	15	0	0	
06-08	24.2	11.586	849	637	9	0	0	
09-11	25.7	11.207	849	595	20	0	0	
12-14	30.1	10.878	849	493	40	0	0	
15-17	31.3	10.803	849	457	50	0	0	
18-20	29.4	10.554	847	515	19	0	0	
21-23	27.3	10.932	846	565	7	0	0	
ALL HOURS	27.5	11.319	6797	4486	173	0	0	

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

AME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: JAN

L	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
	790	7	0	0	0	930
	794	9	0	0	0	930
	781	8	0	0	0	930
	780	7	0	0	0	930
	711	12	0	0	0	930
	693	6	0	0	0	930
	758	3	0	0	0	930
	784	3	0	0	0	930
	6099	55	0	0	0	7440

MONTH: FEB

	609	14	0	0	0	849
	625	15	0	0	0	849
	637	8	0	0	0	849
	585	20	0	0	0	849
	493	40	0	0	0	849
	457	50	0	0	0	849
	515	19	0	0	0	847
	565	7	0	0	0	846
	4486	173	0	0	0	6787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 32	GE 50	GE 67	GE 73	GE
00-02	34.0	9.877	930	429	62	0	0	
03-05	32.9	10.103	930	485	59	0	0	
06-08	32.3	10.082	930	513	47	0	0	
09-11	35.8	10.149	929	331	94	0	0	
12-14	39.1	10.231	930	230	167	0	0	
15-17	40.2	10.115	930	206	194	0	0	
18-20	38.4	9.748	930	259	150	0	0	
21-23	35.9	9.608	930	350	91	0	0	
ALL HOURS	36.1	10.261	7439	2803	864	0	0	

MONTH: APR

00-02	43.1	8.879	900	92	232	0	0	
03-05	41.6	9.122	900	140	192	0	0	
06-08	41.9	9.284	900	134	202	0	0	
09-11	46.2	9.336	900	70	320	2	0	
12-14	48.9	9.217	898	43	423	12	0	
15-17	49.6	9.172	897	36	426	18	0	
18-20	48.3	9.045	897	44	380	5	0	
21-23	45.2	9.728	899	57	290	0	0	
ALL HOURS	45.6	9.544	7191	616	2465	37	0	

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 89
J UTC: + 5 MONTH: MAR

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
930	429	62	0	0	0	930
930	485	59	0	0	0	930
930	513	47	0	0	0	930
929	331	94	0	0	0	929
930	230	167	0	0	0	930
930	206	194	0	0	0	930
930	259	150	0	0	0	930
930	350	91	0	0	0	930
7439	2803	864	0	0	0	7439

MONTH: APR

900	92	232	0	0	0	900
900	140	192	0	0	0	900
900	134	202	0	0	0	900
900	70	320	2	0	0	900
898	43	423	12	0	0	898
897	36	426	18	0	0	897
897	44	380	5	0	0	897
899	57	290	0	0	0	899
7191	616	2465	37	0	0	7191

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 32	GE 50	GE 67	GE 73	GE
00-02	52.4	8.367	930	2	570	29	0	
03-05	50.9	8.641	930	8	508	13	0	
06-08	52.2	8.405	930	7	558	29	0	
09-11	56.7	8.271	930	0	726	124	17	
12-14	58.7	8.164	930	0	791	186	28	
15-17	58.9	7.723	930	0	795	181	11	
18-20	57.5	7.687	930	0	769	140	7	
21-23	54.8	7.946	930	0	665	74	0	
ALL HOURS	55.2	8.672	7440	17	5385	776	63	

MONTH: JUN

00-02	60.2	6.684	900	0	841	188	13	
03-05	58.8	7.076	900	0	789	152	9	
06-08	60.2	6.842	900	0	831	182	16	
09-11	64.2	6.540	900	0	884	374	36	
12-14	65.8	6.385	900	0	897	451	139	
15-17	66.1	6.120	900	0	897	453	136	
18-20	64.8	5.962	900	0	893	398	70	
21-23	62.3	6.114	900	0	880	256	20	
ALL HOURS	62.9	6.982	7200	0	6912	2444	488	

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH
TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
930	2	570	29	0	0	930
930	8	508	13	0	0	930
930	7	558	29	0	0	930
930	0	726	124	17	0	930
930	0	791	186	28	0	930
930	0	798	181	11	0	930
930	0	769	140	7	0	930
930	0	665	74	0	0	930
7440	17	5385	776	63	0	7440

MONTH: JUN

900	0	841	188	13	0	900
900	0	789	152	9	0	900
900	0	831	182	16	0	900
900	0	884	374	86	2	900
900	0	897	451	138	4	900
900	0	897	453	136	2	900
900	0	893	398	70	3	900
900	0	880	256	20	0	900
7200	0	6912	2444	488	11	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURE LE 32	GE 50	GE 67	GE 73
00-02	64.8	5.696	930	0	926	398	58
03-05	63.3	5.957	930	0	914	312	28
06-08	64.4	5.772	930	0	922	372	62
09-11	68.5	5.400	930	0	930	608	221
12-14	69.9	5.201	930	0	930	685	296
15-17	70.0	4.993	930	0	930	708	295
18-20	69.1	5.077	930	0	930	669	229
21-23	66.8	5.396	930	0	930	526	126
ALL HOURS	67.1	5.910	7440	0	7412	4278	1315

MONTH: AUG

00-02	63.3	5.122	929	0	908	366	20
03-05	61.9	6.455	930	0	891	265	6
06-08	62.6	6.317	930	0	897	301	17
09-11	67.3	5.741	929	0	926	567	157
12-14	69.2	5.708	928	0	926	646	289
15-17	69.2	5.480	930	0	929	650	283
18-20	67.9	5.533	930	0	926	594	191
21-23	65.1	5.369	930	0	917	452	47
ALL HOURS	65.8	6.512	7436	0	7320	3841	1009

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JUL

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
930	0	926	398	58	2	930
930	0	914	312	28	0	930
930	0	922	372	62	0	930
930	0	930	608	221	8	930
930	0	930	685	296	18	930
930	0	930	708	295	18	930
930	0	930	669	229	12	930
930	0	930	526	126	6	930
7440	0	7412	4278	1315	64	7440

MONTH: AUG

929	0	908	366	20	0	929
930	0	891	265	6	0	930
930	0	897	301	17	0	930
929	0	926	567	157	3	929
928	0	926	646	289	9	928
930	0	929	650	283	8	930
930	0	926	594	191	2	930
930	0	917	452	47	0	930
7436	0	7320	3841	1009	22	7436

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURE LE 32	GE 50	GE 67	GE 73
00-02	57.4	8.535	900	0	723	156	0
03-05	55.9	8.851	900	0	670	137	0
06-08	56.2	8.954	900	2	672	124	1
09-11	61.5	7.970	900	0	831	281	61
12-14	63.5	7.735	900	0	867	347	123
15-17	63.6	7.671	900	0	862	361	119
18-20	61.8	7.912	900	0	827	303	54
21-23	59.2	8.215	900	0	760	212	13
ALL HOURS	59.9	8.268	7200	2	6212	1921	371

MONTH: OCT

00-02	46.9	9.141	930	42	348	11	0
03-05	45.6	9.534	930	66	308	10	0
06-08	45.2	9.668	930	77	295	10	0
09-11	50.0	9.332	930	8	449	25	3
12-14	52.8	9.196	930	0	588	52	6
15-17	53.0	9.087	930	0	608	47	5
18-20	50.4	9.233	930	4	478	17	0
21-23	48.2	8.632	930	21	380	10	0
ALL HOURS	49.0	9.160	7440	218	3454	182	14

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
D UTC: + 5 MONTH: SEP

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
900	0	723	156	0	0	900
900	0	670	137	0	0	900
900	2	672	124	1	0	900
900	0	831	281	61	0	900
900	0	867	347	123	0	900
900	0	862	361	119	0	900
900	0	827	303	54	0	900
900	0	760	212	13	0	900
7200	2	6212	1921	371	0	7200

MONTH: OCT

930	42	348	11	0	0	930
930	66	308	10	0	0	930
930	77	295	10	0	0	930
930	8	449	25	3	0	930
930	0	588	52	6	0	930
930	0	608	47	5	0	930
930	4	473	17	0	0	930
930	21	390	10	0	0	930
7440	218	3454	182	14	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATU LE 32	GE 50	GE 67	GE 73
00-02	38.7	9.437	900	271	129	0	0
03-05	37.7	9.495	900	297	114	0	0
06-08	37.1	9.543	900	307	107	0	0
09-11	40.3	9.130	900	190	155	0	0
12-14	43.3	9.394	900	100	239	3	0
15-17	43.5	9.331	900	93	250	1	0
18-20	41.1	9.085	900	173	188	0	0
21-23	39.3	9.214	900	241	149	0	0
ALL HOURS	40.1	9.347	7200	1667	1331	4	0

MONTH: DEC

00-02	30.0	11.137	930	607	63	0	0
03-05	29.5	11.107	930	607	53	0	0
06-08	29.2	11.438	930	619	59	0	0
09-11	30.7	11.365	930	560	64	0	0
12-14	33.3	11.006	930	457	80	0	0
15-17	33.6	10.917	930	460	89	0	0
18-20	31.3	11.061	930	531	71	0	0
21-23	30.7	11.159	930	583	68	0	0
ALL HOURS	31.1	11.264	7440	4424	547	0	0

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 89
HOURS UTC: + 5 MONTH: NOV

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 32	GE 50	GE 67	GE 73	GE 80	TOTAL HOURS
900	271	129	0	0	0	900
900	297	114	0	0	0	900
900	307	107	0	0	0	900
900	180	155	0	0	0	900
900	100	239	3	0	0	900
900	93	250	1	0	0	900
900	173	138	0	0	0	900
900	241	149	0	0	0	900
7200	1667	1331	4	0	0	7200

MONTH: DEC

930	607	63	0	0	0	930
930	607	53	0	0	0	930
930	619	59	0	0	0	930
930	560	64	0	0	0	930
930	457	80	0	0	0	930
930	460	89	0	0	0	930
930	531	71	0	0	0	930
930	583	68	0	0	0	930
7440	4424	547	0	0	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATUR LE 32	GE 50	GE 67	GE 73
00-02	45.1	16.737	10958	2942	4823	1148	91
03-05	43.9	16.693	10959	3022	4522	889	43
06-08	44.0	17.256	10959	3055	4606	1018	96
09-11	47.7	17.878	10957	2514	5406	1981	545
12-14	50.1	17.362	10955	2034	5960	2382	879
15-17	50.6	17.049	10956	1950	6030	2419	849
18-20	49.8	17.238	10954	2234	5834	2116	651
21-23	46.5	16.992	10955	2601	5140	1530	206
ALL HOURS	47.1	17.337	87653	20332	42120	13483	3269

WET BULB TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: ALL

AL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F					TOTAL
S	LE 32	GE 50	GE 67	GE 73	GE 80	HOURS
	2842	4823	1148	91	2	10958
	3022	4522	889	43	0	10959
	3085	4606	1018	96	0	10959
	2514	5406	1981	545	13	10957
	2034	5960	2382	879	31	10955
	1950	6039	2419	849	29	10956
	2284	5634	2116	551	17	10954
	2601	5140	1530	206	6	10955
	20332	42130	13483	3260	97	87653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	16.0	13.308	930	773	40	930	0
03-05	15.5	13.734	930	776	43	930	0
06-08	14.9	13.947	930	784	43	930	0
09-11	16.0	13.254	930	779	47	930	0
12-14	17.3	12.804	930	750	51	930	0
15-17	17.4	12.451	930	746	53	930	0
18-20	16.7	12.463	930	763	40	930	0
21-23	15.9	12.686	930	777	35	930	0
ALL HOURS	16.2	13.132	7440	6141	343	7440	0

MONTH: FEB

00-02	19.6	13.522	849	603	91	849	0
03-05	18.7	13.589	849	615	86	849	0
06-08	18.0	13.714	849	630	72	849	0
09-11	19.3	13.511	849	595	94	849	0
12-14	21.7	13.324	849	560	129	849	0
15-17	22.3	13.243	849	560	140	849	0
18-20	21.7	13.096	847	558	135	847	0
21-23	20.5	13.165	846	570	109	846	0
ALL HOURS	20.3	13.490	6787	4692	856	6787	0

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
930	773	40	930	0	930
930	776	43	930	0	930
930	774	43	930	0	930
930	779	47	930	0	930
930	750	51	930	0	930
930	746	50	930	0	930
930	763	40	930	0	930
930	777	35	930	0	930
7440	6141	349	7440	0	7440

MONTH: FEB

849	603	91	849	0	849
849	615	86	849	0	849
849	630	72	849	0	849
849	595	94	849	0	849
849	550	129	849	0	849
849	560	140	849	0	849
847	553	135	847	0	849
846	570	109	846	0	849
6787	4692	856	6787	0	6787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAR

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURE LE 27	GE 37	LE 55	GE 55
00-02	28.0	11.491	930	458	207	927	0
03-05	27.2	11.658	930	484	188	927	0
06-08	26.8	11.702	930	503	184	924	0
09-11	28.4	11.790	929	424	227	921	0
12-14	29.6	12.100	930	410	264	922	0
15-17	29.0	12.091	930	391	230	918	0
18-20	29.9	11.909	930	391	266	925	0
21-23	29.2	11.330	930	416	236	927	0
ALL HOURS	28.6	11.816	7439	3477	1952	7391	0

MONTH: APR

00-02	38.1	10.365	900	145	477	859	0
03-05	37.0	10.559	900	163	445	866	0
06-08	37.4	10.726	900	161	454	859	0
09-11	39.2	11.081	900	132	524	833	0
12-14	39.7	11.112	898	144	530	820	1
15-17	39.7	11.252	897	129	530	820	3
18-20	39.4	11.092	897	132	516	823	3
21-23	39.0	10.523	899	116	517	852	0
ALL HOURS	38.7	10.916	7191	1122	3993	6737	7

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: MAR

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
930	458	207	927	0	930
930	484	188	927	0	930
930	503	184	924	0	930
929	424	227	921	0	929
930	410	264	922	0	930
930	391	230	918	0	930
930	391	266	925	0	930
930	416	236	927	0	930
7439	3477	1852	7391	0	7439

MONTH: APR

898	145	477	859	0	898
898	163	445	866	0	898
898	161	454	859	0	898
898	132	524	833	0	898
898	144	530	820	1	898
898	129	530	820	3	898
898	132	516	828	3	898
898	116	517	852	0	898
7191	1122	3993	6737	7	7191

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAY

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	48.3	10.265	930	13	784	671	37
03-05	47.3	10.299	930	21	759	691	21
06-08	48.5	10.158	930	12	792	669	33
09-11	50.6	10.737	930	17	826	600	89
12-14	50.5	11.034	930	25	834	594	96
15-17	50.0	10.989	930	21	818	602	93
18-20	49.9	10.583	930	12	810	620	84
21-23	49.8	10.204	930	7	826	638	66
ALL HOURS	49.4	10.608	7440	128	6449	5085	519

MONTH: JUN

00-02	57.1	7.730	900	0	900	373	182
03-05	56.1	7.885	900	0	896	417	167
06-08	57.1	7.818	900	0	897	378	191
09-11	58.3	8.242	900	0	898	322	270
12-14	58.7	8.554	900	0	898	342	276
15-17	58.4	8.460	900	0	899	343	269
18-20	58.3	8.128	900	0	900	336	241
21-23	58.1	7.497	900	0	900	338	223
ALL HOURS	57.8	8.119	7200	0	7188	2849	1909

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 MONTH: MAY

TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
930	13	784	671	37	930
930	21	759	691	21	930
930	12	792	669	33	930
930	17	826	600	89	930
930	25	834	594	96	930
930	21	818	602	93	930
930	12	810	620	84	930
930	7	826	638	66	930
7441	129	6449	5085	519	7440

MONTH: JUN

900	0	900	373	182	900
900	0	896	417	167	900
900	0	897	378	181	900
900	0	898	322	270	900
900	0	898	342	276	900
900	0	899	343	269	900
900	0	900	336	241	900
900	0	900	338	223	900
7200	0	7188	2849	1909	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JUL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATU LE 27	GE 37	LE 55	GE 65
00-02	62.4	6.675	930	0	930	164	395
03-05	61.3	6.848	930	0	930	188	332
06-08	62.2	6.779	930	0	930	160	380
09-11	64.2	6.950	930	0	930	118	486
12-14	63.8	7.144	930	0	930	135	482
15-17	63.5	6.867	930	0	930	134	459
18-20	63.9	6.827	930	0	930	116	487
21-23	63.7	6.573	930	0	930	126	455
ALL HOURS	63.1	6.941	7440	0	7440	1141	3476

MONTH: AUG

00-02	61.1	6.952	929	0	929	210	378
03-05	60.0	7.170	930	0	927	260	323
06-08	60.5	7.098	930	0	929	236	340
09-11	63.2	7.263	929	0	927	156	492
12-14	63.3	7.945	928	0	924	168	503
15-17	62.3	7.920	930	0	927	186	468
18-20	63.0	7.390	930	0	927	171	475
21-23	62.2	6.912	930	0	929	176	437
ALL HOURS	62.0	7.462	7436	0	7419	1563	3416

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 — MONTH: JUL

TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
930		0	930	164	395	930
930		0	930	188	332	930
930		0	930	160	380	930
930		0	930	118	486	930
930		0	930	135	482	930
930		0	930	134	459	930
930		0	930	116	487	930
930		0	930	126	455	930
7440		0	7440	1141	3476	7440

MONTH: AUG

929		0	929	210	378	928
927		0	927	260	323	928
930		0	929	236	340	928
929		0	927	156	492	928
928		0	924	168	503	928
930		0	927	186	468	928
930		0	927	171	475	928
930		0	929	176	437	928
7436		0	7419	1563	3416	7436

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: SEP

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	54.7	9.629	900	0	860	451	161
03-05	53.5	9.782	900	0	850	491	151
06-08	53.7	9.859	900	0	851	483	148
09-11	56.8	9.705	900	0	882	398	238
12-14	56.0	10.374	900	1	868	418	249
15-17	55.3	10.632	900	2	859	433	232
18-20	56.0	10.272	900	1	867	400	238
21-23	55.7	9.641	900	0	872	424	198
ALL HOURS	55.2	10.074	7200	4	6909	3498	1615

MONTH: OCT

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	42.9	10.689	930	65	531	773	14
03-05	42.0	10.813	930	79	617	800	13
06-08	41.7	10.816	930	81	603	820	12
09-11	44.3	10.260	930	33	703	742	23
12-14	44.3	10.951	930	45	669	767	26
15-17	43.8	11.065	930	50	664	769	24
18-20	43.3	10.762	930	47	664	773	17
21-23	43.5	10.437	930	53	662	782	12
ALL HOURS	43.3	10.779	7440	453	5213	6271	141

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

ATION NAME: RICKENBACKER ANGB OH — PERIOD OF RECORD: MAR 78 - FEB 88
T TO UTC: + 5 — MONTH: SEP

TOTAL OBS	MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
900		0	860	451	161	900
900		0	850	491	151	900
900		0	851	483	148	900
900		0	882	398	238	900
900		1	868	418	249	900
900		2	859	433	232	900
900		1	867	400	238	900
900		0	872	424	198	900
7200		4	6909	3498	1615	7200

MONTH: OCT

930		65	531	773	14	930
930		79	617	800	13	930
930		81	603	820	12	930
930		33	703	782	23	930
930		45	669	767	26	930
930		50	664	769	24	930
930		47	664	773	17	930
930		53	662	782	12	930
7440		453	5213	6271	141	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: NOV

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	33.8	11.031	900	307	352	875	0
03-05	33.0	10.994	900	312	320	880	0
06-08	32.5	11.081	900	303	296	882	0
09-11	34.7	10.910	900	235	357	873	0
12-14	35.7	11.662	900	242	397	862	1
15-17	35.6	11.363	900	255	386	847	0
18-20	34.8	11.347	900	275	382	865	0
21-23	34.0	11.038	900	290	347	869	0
ALL HOURS	34.3	11.315	7200	2229	2837	6953	1

MONTH: DEC

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	24.2	13.538	930	573	140	926	0
03-05	23.7	13.541	930	587	145	929	0
06-08	23.6	13.808	930	600	139	930	0
09-11	24.3	13.833	930	565	154	923	0
12-14	25.0	13.766	930	529	188	912	0
15-17	26.2	13.869	930	513	186	906	0
18-20	25.6	13.705	930	536	172	921	0
21-23	24.8	13.661	930	563	154	928	0
ALL HOURS	24.9	13.762	7440	4466	1278	7375	0

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: NOV

TAL	MEAN NUMBER OF HOURS WITH TEMPERATURES DEG F LE 27	GE 37	LE 55	GE 65	TOTAL HOURS
00	307	352	875	0	900
00	312	320	880	0	900
00	303	296	882	0	900
00	235	357	873	0	900
00	242	397	862	1	900
00	265	386	847	0	900
00	275	382	865	0	900
00	290	347	869	0	900
00	2229	2937	6953	1	7200

MONTH: DEC

00	573	140	926	0	930
00	537	145	929	0	930
00	600	139	930	0	930
00	565	154	923	0	930
00	529	188	912	0	930
00	513	186	906	0	930
00	536	172	921	0	930
00	563	154	928	0	930
00	4466	1278	7375	0	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: ALL

HOURS LST	MEAN	STANDARD DEVIATION	TOTAL OBS	MEAN NUMBER OF HOURS WITH TEMPERATURES LE 27	GE 37	LE 55	GE 65
00-02	40.6	18.992	10958	2937	6341	8013	1167
03-05	39.7	18.927	10959	3038	6206	8228	1007
06-08	39.8	19.377	10959	3074	6190	8120	1094
09-11	41.8	19.672	10957	2780	6569	7705	1598
12-14	42.3	19.213	10955	2706	6682	7719	1634
15-17	42.2	18.982	10956	2677	6669	7737	1548
18-20	42.0	19.111	10954	2715	6609	7732	1545
21-23	41.5	19.139	10955	2792	6517	7836	1391
ALL HOURS	41.2	19.202	87653	22719	51733	63090	10384

DEW POINT TEMPERATURE SUMMARY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
C: + 5 MONTH: ALL

MEAN	NUMBER OF HOURS WITH TEMPERATURES DEG F				TOTAL
	LE 27	GE 37	LE 55	GE 65	HOURS
	2937	6341	8013	1167	10958
	3038	6206	8228	1007	10959
	3074	6190	8120	1094	10959
	2790	6569	7705	1598	10957
	2706	6682	7719	1634	10955
	2677	6669	7737	1548	10956
	2715	6609	7732	1545	10954
	2792	6517	7836	1391	10955
	22719	51783	63090	10984	87653

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: JAN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	T
00-02	100.0	100.0	100.0	97.7	85.7	63.4	33.3	13.4	3.4	64.4	
03-05	100.0	100.0	100.0	98.1	87.5	67.8	34.7	12.2	4.0	65.0	
06-08	100.0	100.0	100.0	97.7	89.0	68.5	34.8	13.3	4.2	65.6	
09-11	100.0	100.0	100.0	97.1	84.6	60.3	32.6	12.5	4.0	63.7	
12-14	100.0	100.0	99.7	89.8	71.3	45.4	22.0	9.0	2.0	58.3	
15-17	100.0	100.0	99.0	87.0	67.1	38.5	18.9	8.4	2.2	56.5	
18-20	100.0	100.0	99.8	93.5	74.6	50.5	24.1	9.9	1.7	60.4	
21-23	100.0	100.0	100.0	96.8	82.8	58.1	31.3	12.6	2.7	62.8	
ALL HOURS	100.0	100.0	99.8	94.7	80.5	56.6	29.0	11.4	3.0	62.8	

MONTH: FEB

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	T
00-02	100.0	100.0	100.0	96.1	90.1	65.5	42.9	22.6	5.2	67.3	
03-05	100.0	100.0	99.9	98.2	90.8	67.7	44.9	24.9	7.8	68.0	
06-08	100.0	100.0	99.6	98.7	92.0	68.4	46.3	26.4	7.1	68.5	
09-11	100.0	100.0	99.8	97.1	85.0	59.1	38.5	21.3	6.2	65.2	
12-14	100.0	100.0	97.3	90.2	67.4	45.9	26.4	13.9	4.6	59.3	
15-17	100.0	99.9	95.6	83.9	62.2	40.4	24.3	12.8	3.9	55.9	
18-20	100.0	100.0	98.6	92.8	75.9	50.8	31.0	17.6	5.3	62.1	
21-23	100.0	100.0	100.0	98.2	85.2	58.4	37.5	20.8	6.1	65.6	
ALL HOURS	100.0	100.0	98.9	94.7	81.1	56.9	36.5	20.0	5.9	65.6	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

TION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: JAN

LATIVE HUMIDITY GREATER THAN OR EQUAL TO 40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
.1	97.7	85.7	63.4	33.3	13.4	3.4	64.4	930
.0	98.1	87.5	67.8	34.7	12.2	4.0	65.0	930
.7	97.7	89.0	68.5	34.9	13.3	4.2	65.6	930
.9	97.1	84.6	60.3	32.6	12.5	4.0	63.7	930
.7	89.8	71.3	45.4	22.0	9.0	2.0	58.3	930
.	87.0	67.1	38.5	18.9	8.4	2.2	56.5	930
.1	93.5	78.6	50.5	24.1	9.9	1.7	60.4	930
.	96.8	82.8	58.1	31.3	12.6	2.7	62.8	930
.	94.7	80.5	56.6	29.0	11.4	3.0	62.8	7440

MONTH: FEB

.	96.1	90.1	65.5	42.8	22.6	6.2	67.3	849
.	98.2	90.8	67.7	44.8	24.9	7.8	68.0	849
	98.7	92.0	68.4	46.3	26.4	7.1	68.5	849
	97.1	85.0	59.1	38.5	21.3	6.2	65.2	849
.	90.2	67.4	45.9	26.4	13.9	4.6	59.3	849
.	83.9	62.2	40.4	24.3	12.8	3.9	55.9	849
	92.9	75.9	50.8	31.9	17.6	5.3	62.1	847
	94.2	85.2	58.4	37.5	20.8	6.1	65.6	846
.	94.7	81.1	56.9	36.5	20.0	5.9	65.6	6787

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5 MONTH: MAR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	T
00-02	100.0	100.0	99.7	98.4	90.9	71.7	43.8	20.1	5.9	67.6	
03-05	100.0	100.0	100.0	98.9	93.2	76.0	46.2	24.1	6.1	69.1	
06-08	100.0	100.0	100.0	98.8	93.7	76.3	50.1	24.6	7.1	69.6	
09-11	100.0	99.9	99.0	93.6	76.0	53.2	31.0	15.7	5.1	61.9	
12-14	100.0	99.7	92.7	76.7	54.2	35.2	22.3	11.3	4.3	54.1	
15-17	100.0	99.1	89.4	69.7	49.6	33.8	20.3	11.4	3.8	52.0	
18-20	100.0	99.8	95.8	82.7	64.1	43.8	27.2	14.7	4.6	57.8	
21-23	100.0	100.0	99.0	96.1	82.9	62.4	38.4	16.3	5.6	64.5	
ALL HOURS	100.0	99.8	96.5	89.4	75.5	56.5	34.9	17.3	5.3	64.5	

MONTH: APR

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN	T
00-02	100.0	100.0	100.0	96.0	92.1	78.1	55.9	30.7	9.3	70.9	
03-05	100.0	100.0	100.0	99.4	95.2	80.8	61.6	35.6	13.0	73.3	
06-08	100.0	100.0	100.0	99.6	95.1	82.3	63.4	35.0	14.3	73.4	
09-11	100.0	100.0	99.3	91.3	72.6	52.4	32.0	15.1	5.5	61.3	
12-14	100.0	100.0	93.3	71.5	52.7	34.5	20.8	12.1	2.7	53.3	
15-17	100.0	99.9	89.5	65.4	44.6	31.5	19.8	9.3	2.0	50.7	
18-20	100.0	99.9	95.2	73.7	53.2	40.7	24.9	13.9	3.1	56.0	
21-23	100.0	100.0	99.6	94.8	82.6	65.2	41.8	22.1	5.1	65.7	
ALL HOURS	100.0	100.0	97.2	87.4	74.2	58.2	40.1	22.1	7.1	65.7	

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAR

VE HUMIDITY GREATER THAN OR EQUAL TO 40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
94.4	90.9	71.7	43.8	20.1	5.9	67.6	930
95.9	93.2	76.0	46.2	24.1	6.1	69.1	930
93.8	93.7	76.3	50.1	24.6	7.1	69.6	930
93.6	76.0	53.2	31.0	15.7	5.1	61.9	929
76.7	54.2	35.2	22.3	11.3	4.3	54.1	930
67.7	49.5	33.8	20.3	11.4	3.8	52.0	930
82.7	64.1	43.8	27.2	14.7	4.6	57.8	930
86.1	82.9	62.4	38.4	16.3	5.6	64.5	930
88.4	75.5	56.5	34.9	17.3	5.3	64.5	7439

MONTH: APR

90.3	92.1	76.1	55.9	30.7	9.3	70.9	900
97.4	95.2	80.8	61.6	35.6	13.0	73.3	900
97.6	95.1	82.3	63.4	35.0	14.3	73.4	900
91.3	72.6	52.4	32.0	18.1	5.6	61.3	900
71.5	52.7	34.5	20.8	12.1	2.7	53.3	898
55.4	44.6	31.5	19.8	9.3	2.0	50.7	897
73.7	58.2	40.7	24.9	13.4	3.1	56.0	897
94.8	82.6	65.2	41.8	22.1	5.1	65.7	899
87.4	74.2	59.2	40.1	22.1	7.1	65.7	7191

OPERATING LOCATION "A" CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE H
USAFETAC, ASHEVILLE NC FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: MAY

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	99.4	95.8	85.3	63.8	36.5	16.0	74.1
03-05	100.0	100.0	100.0	99.6	97.1	90.4	73.9	47.5	19.8	77.2
06-08	100.0	100.0	100.0	99.6	97.1	90.5	71.3	43.3	15.3	76.0
09-11	100.0	100.0	98.3	91.8	77.8	58.3	39.4	19.7	5.3	63.5
12-14	100.0	99.8	92.6	78.0	55.9	37.4	23.0	10.1	2.8	54.5
15-17	100.0	99.4	87.5	69.9	48.5	34.3	21.2	10.5	2.5	52.1
18-20	100.0	99.9	94.8	81.0	60.1	43.4	29.5	14.2	4.6	57.1
21-23	100.0	100.0	100.0	97.8	88.2	69.6	50.4	26.7	9.4	64.7
ALL HOURS	100.0	99.9	96.7	89.6	77.6	63.7	46.5	26.1	9.4	68.7

MONTH: JUN

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	100.0	99.4	95.1	77.0	42.1	15.2	77.1
03-05	100.0	100.0	100.0	100.0	99.7	98.0	83.1	54.1	22.4	80.3
06-08	100.0	100.0	100.0	100.0	99.8	94.6	78.2	42.4	15.3	77.2
09-11	100.0	100.0	100.0	97.3	83.0	57.2	30.6	10.8	2.1	62.7
12-14	100.0	100.0	99.8	95.3	57.1	31.2	15.3	4.6	.8	54.0
15-17	100.0	100.0	98.3	78.1	49.2	26.9	14.4	3.9	1.0	51.7
18-20	100.0	100.0	99.6	89.8	65.8	40.9	22.3	9.4	2.1	57.5
21-23	100.0	100.0	100.0	100.0	96.8	80.8	52.0	25.4	7.7	70.6
ALL HOURS	100.0	100.0	99.7	93.9	81.3	65.6	47.3	24.1	8.3	70.6

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: MAY

VE HUMIDITY GREATER THAN OR EQUAL TO 40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
99.4	95.8	85.3	63.8	36.5	16.0	74.1	930
99.6	97.1	90.4	73.9	47.5	19.8	77.2	930
99.6	97.1	90.5	71.3	43.3	15.3	76.0	930
91.8	77.8	58.3	39.4	19.7	5.3	63.5	930
78.0	55.9	37.4	23.0	10.1	2.8	54.5	930
69.9	48.5	34.3	21.2	10.5	2.5	52.1	930
81.0	60.1	43.4	29.5	14.2	4.6	57.1	930
97.8	88.2	69.6	50.4	26.7	9.4	68.7	930
94.6	77.6	63.7	46.5	26.1	9.4	68.7	7440

MONTH: JUN

100.0	99.4	95.1	77.0	42.1	15.2	77.1	900
100.0	99.7	98.0	88.1	54.1	22.4	80.3	900
100.0	99.8	94.6	78.2	42.4	15.3	77.2	900
97.3	83.0	57.2	30.6	10.8	2.1	62.7	900
85.3	57.1	31.2	15.3	4.6	.8	54.0	900
78.1	49.2	26.9	14.4	3.9	1.0	51.7	900
89.8	65.8	40.9	22.3	9.4	2.1	57.5	900
100.0	96.8	80.8	52.0	25.4	7.7	70.6	900
93.9	81.3	55.6	47.3	24.1	8.3	70.6	7200

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MA
LST TO UTC: + 5 MONTH: JUL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	100.0	100.0	97.7	84.7	57.2	28.6	81.0
03-05	100.0	100.0	100.0	100.0	100.0	99.5	90.2	67.4	38.7	83.9
06-08	100.0	100.0	100.0	100.0	100.0	97.8	84.7	60.0	31.3	81.8
09-11	100.0	100.0	100.0	99.2	91.8	70.8	42.6	16.5	5.2	67.1
12-14	100.0	100.0	99.8	94.2	68.3	38.7	18.2	5.4	2.2	57.0
15-17	100.0	100.0	99.7	89.4	60.9	33.4	15.9	4.3	.9	55.0
18-20	100.0	100.0	99.9	97.1	80.5	54.0	28.2	11.2	3.3	62.0
21-23	100.0	100.0	100.0	100.0	99.2	92.2	69.0	36.7	13.3	75.8
ALL HOURS	100.0	100.0	99.9	97.5	87.6	73.0	54.2	32.6	15.5	75.8

MONTH: AUG

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	100.0	100.0	98.7	89.3	60.0	25.2	81.7
03-05	100.0	100.0	100.0	100.0	100.0	100.0	95.4	72.6	34.0	84.4
06-08	100.0	100.0	100.0	100.0	100.0	99.2	91.0	66.7	30.3	83.1
09-11	100.0	100.0	100.0	99.1	92.5	77.0	49.9	21.3	5.8	69.3
12-14	100.0	100.0	99.5	89.9	71.8	44.4	22.0	8.2	2.8	58.4
15-17	100.0	100.0	98.8	85.1	63.0	38.7	18.5	7.3	3.1	56.0
18-20	100.0	100.0	99.0	95.8	83.8	62.3	37.5	15.8	4.7	64.6
21-23	100.0	100.0	100.0	100.0	99.4	94.9	74.7	44.1	14.1	77.3
ALL HOURS	100.0	100.0	99.8	96.2	88.8	77.0	59.9	37.0	15.1	77.3

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: JUL

VE HUMIDITY GREATER THAN OR EQUAL TO 40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
100.0	100.0	97.7	84.7	57.2	28.6	81.0	930
100.0	100.0	99.5	90.2	67.4	38.7	83.9	930
100.0	100.0	97.8	84.7	60.0	31.3	81.8	930
93.2	91.8	70.8	42.6	16.5	5.2	67.1	930
74.2	69.3	38.7	18.2	5.4	2.2	57.0	930
63.4	60.9	33.4	15.9	4.3	.9	55.0	930
97.1	80.5	54.0	28.2	11.2	3.8	62.0	930
100.0	99.2	92.2	69.0	38.7	13.8	75.8	930
87.5	87.6	73.0	54.2	32.6	15.5	75.8	7440

MONTH: AUG

100.0	100.0	98.7	89.8	60.0	25.2	81.7	929
100.0	100.0	100.0	95.4	72.6	34.0	84.4	930
100.0	100.0	99.2	91.0	66.7	30.3	83.1	930
94.1	92.5	77.0	49.9	21.3	5.8	69.3	929
89.9	71.8	44.4	22.0	8.2	2.8	58.4	928
85.1	63.0	38.7	18.5	7.3	3.1	56.0	930
95.9	83.9	62.8	37.5	15.8	4.7	64.6	930
100.0	99.4	94.9	74.7	44.1	14.1	77.3	930
96.2	88.8	77.0	59.9	37.0	15.1	77.3	7436

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

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: SEP

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	100.0	99.4	97.7	83.7	55.0	20.4	79.8
03-05	100.0	100.0	100.0	100.0	100.0	98.6	90.1	66.1	26.6	82.3
06-08	100.0	100.0	100.0	100.0	99.8	99.1	90.1	66.7	23.4	82.1
09-11	100.0	100.0	100.0	97.9	90.1	72.3	47.3	20.8	5.7	67.8
12-14	100.0	100.0	97.4	84.0	58.1	31.8	15.3	6.1	1.9	53.8
15-17	100.0	99.8	94.1	76.1	47.6	26.8	12.1	6.4	1.6	51.0
18-20	100.0	100.0	99.3	92.9	80.0	57.4	33.9	16.0	3.6	62.9
21-23	100.0	100.0	100.0	100.0	98.3	90.3	71.4	41.6	10.7	75.5
ALL HOURS	100.0	100.0	98.9	93.9	84.2	71.3	55.5	34.3	11.7	75.5

MONTH: OCT

00-02	100.0	100.0	100.0	99.7	95.6	87.4	70.9	43.1	13.0	75.6
03-05	100.0	100.0	100.0	100.0	98.0	93.0	78.1	46.7	15.1	77.7
06-08	100.0	100.0	100.0	100.0	98.6	92.2	79.9	49.7	15.1	78.2
09-11	100.0	100.0	99.9	97.1	85.6	67.8	46.3	22.3	5.6	67.0
12-14	100.0	100.0	96.9	81.2	57.0	34.0	20.2	9.9	2.6	54.5
15-17	100.0	100.0	93.2	73.7	49.9	30.1	18.9	10.9	2.9	52.4
18-20	100.0	100.0	99.2	92.5	78.3	56.5	34.8	19.2	6.5	63.1
21-23	100.0	100.0	100.0	98.7	94.5	80.4	56.3	32.0	8.7	71.5
ALL HOURS	100.0	100.0	98.7	92.8	82.4	67.7	50.7	29.2	8.9	71.5

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5 MONTH: SEP

RELATIVE HUMIDITY GREATER THAN OR EQUAL TO: 40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
100.0	99.4	97.7	83.7	55.0	20.4	79.8	900
100.0	100.0	98.6	90.1	66.1	26.6	82.3	900
100.0	99.8	99.1	90.1	66.7	23.4	82.1	900
97.9	90.1	72.3	47.3	20.8	5.7	67.8	900
84.0	58.1	31.8	15.3	6.1	1.9	53.8	900
76.1	47.6	26.8	12.1	6.4	1.6	51.0	900
92.9	80.0	57.4	33.9	16.0	3.6	62.9	900
100.0	98.3	90.3	71.4	41.6	10.7	75.5	900
93.9	84.2	71.3	55.5	34.8	11.7	75.5	7200

MONTH: OCT

99.7	95.6	87.4	70.9	43.1	13.0	75.6	930
100.0	98.0	93.0	79.1	46.7	15.1	77.7	930
100.0	98.6	92.2	79.9	49.7	16.1	78.2	930
97.1	85.6	67.8	46.3	22.3	6.6	67.0	930
81.2	57.0	34.0	20.2	9.9	2.6	54.5	930
73.7	49.9	30.1	18.9	10.9	2.9	52.4	930
92.5	78.3	56.6	34.8	19.2	6.6	63.1	930
98.7	94.5	80.4	56.3	32.0	8.7	71.5	930
92.8	82.4	67.7	50.7	29.2	8.9	71.5	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HU
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: NOV

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO 10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	99.0	95.2	79.2	57.2	34.8	9.4	72.3
03-05	100.0	100.0	100.0	98.9	95.8	82.8	59.6	38.3	11.4	73.4
06-08	100.0	100.0	99.8	99.2	95.6	84.2	61.6	37.1	13.0	73.9
09-11	100.0	99.9	99.3	97.4	88.4	72.2	49.1	28.7	10.2	69.1
12-14	100.0	99.8	97.3	86.3	67.9	49.4	34.2	18.8	6.7	60.8
15-17	100.0	99.2	96.7	83.4	65.4	48.0	34.9	18.6	6.8	59.7
18-20	100.0	100.0	99.2	95.8	81.4	61.9	44.1	24.8	7.4	66.0
21-23	100.0	100.0	100.0	98.8	92.3	72.4	53.0	29.1	9.8	70.3
ALL HOURS	100.0	99.9	99.0	94.9	85.3	68.8	49.2	28.8	9.3	70.3

MONTH: DEC

00-02	100.0	100.0	100.0	98.8	91.5	74.2	51.5	24.3	8.5	69.4
03-05	100.0	100.0	100.0	98.7	91.5	73.9	50.9	25.2	7.5	69.4
06-08	100.0	100.0	100.0	99.4	92.9	75.9	53.3	25.7	7.3	70.1
09-11	100.0	100.0	100.0	98.3	90.6	69.2	47.4	20.4	5.9	67.8
12-14	100.0	100.0	99.7	94.8	78.2	55.1	33.3	15.4	5.7	62.7
15-17	100.0	100.0	99.6	93.9	74.5	53.4	32.6	16.7	6.6	62.3
18-20	100.0	100.0	100.0	98.0	89.2	67.2	42.9	20.5	7.4	67.0
21-23	100.0	100.0	100.0	98.8	90.4	72.2	49.6	22.4	8.2	68.8
ALL HOURS	100.0	100.0	99.9	97.5	87.4	67.6	45.2	21.3	7.3	68.8

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

ION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5 MONTH: NOV

LATIVE HUMIDITY GREATER THAN OR EQUAL TO	40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
)	99.0	95.2	79.2	57.2	34.8	9.4	72.3	900
	98.9	95.8	82.8	59.6	38.3	11.4	73.4	900
	99.2	95.6	84.2	61.6	37.1	13.0	73.9	900
	97.4	88.4	72.2	49.1	28.7	10.2	69.1	900
	86.3	67.9	49.4	34.2	18.8	6.7	60.8	900
7	83.4	65.4	48.0	34.9	18.6	6.8	59.7	900
2	95.8	81.4	61.9	44.1	24.8	7.4	66.0	900
	98.8	92.3	72.4	53.0	29.1	9.8	70.3	900
	94.9	85.3	68.8	49.2	28.8	9.3	70.3	7200

MONTH: DEC

	98.8	91.5	74.2	51.5	24.3	8.5	69.4	930
	93.7	91.5	73.9	50.9	25.2	7.5	69.4	930
	99.4	92.9	75.9	53.3	25.7	7.3	70.1	930
	98.3	90.6	69.2	47.4	20.4	6.9	67.8	930
	94.8	78.2	55.1	33.3	15.4	5.7	62.7	930
	93.9	74.5	53.4	32.6	16.7	6.6	62.3	930
	98.0	89.2	67.2	42.9	20.5	7.4	67.0	930
	98.8	90.4	72.2	49.6	22.4	8.2	68.8	930
	97.5	87.4	67.6	45.2	21.3	7.3	68.8	7440

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE
FROM HOURLY OBSERVATIONS

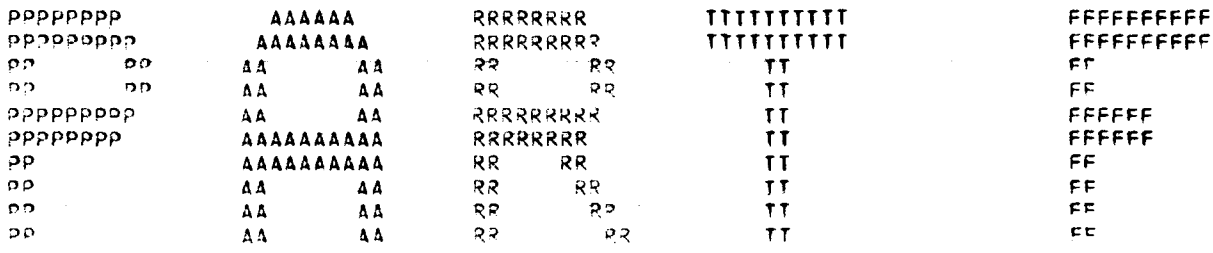
STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR
LST TO UTC: + 5 MONTH: ALL

HOURS LST	RELATIVE HUMIDITY GREATER THAN OR EQUAL TO									
	10%	20%	30%	40%	50%	60%	70%	80%	90%	MEAN
00-02	100.0	100.0	100.0	99.1	94.7	82.9	62.9	36.7	13.5	73.4
03-05	100.0	100.0	100.0	99.3	95.7	85.8	67.9	43.0	17.3	75.4
06-08	100.0	100.0	100.0	99.4	96.1	85.8	67.2	41.0	15.5	75.0
09-11	100.0	100.0	99.6	96.5	84.9	64.2	40.6	19.0	6.9	65.6
12-14	100.0	99.9	97.2	85.2	63.3	40.2	22.7	10.4	3.2	56.7
15-17	100.0	99.8	95.1	79.6	56.9	36.3	21.0	10.0	3.1	54.7
18-20	100.0	100.0	98.5	90.9	74.7	52.5	31.8	15.6	4.6	61.4
21-23	100.0	100.0	99.9	98.3	91.1	74.8	52.2	27.7	8.5	69.8
ALL HOURS	100.0	100.0	99.3	93.5	82.2	65.3	45.9	25.4	8.9	66.5

CUMULATIVE PERCENTAGE FREQUENCY OF OCCURRENCE OF RELATIVE HUMIDITY
FROM HOURLY OBSERVATIONS

NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TC: + 5 MONTH: ALL

VE HUMIDITY GREATER THAN OR EQUAL TO 40%	50%	60%	70%	80%	90%	MEAN	TOTAL OBS
99.1	94.7	82.9	52.9	36.7	13.5	73.4	10958
99.3	95.7	85.8	67.9	43.0	17.3	75.4	10959
99.4	96.1	85.8	67.2	41.0	15.5	75.0	10959
96.5	84.9	64.2	40.6	19.0	5.9	65.6	10957
95.2	63.3	40.2	22.7	10.4	3.2	56.7	10955
92.6	56.9	36.3	21.0	10.0	3.1	54.7	10956
90.9	74.7	52.5	31.8	15.6	4.6	61.4	10954
98.3	91.1	74.8	52.2	27.7	8.5	69.8	10955
93.5	82.2	65.3	45.8	25.4	8.9	66.5	37653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PP PP AA AA RR RR TT FF
PP PP AA AA RR RR TT FF
PPPPPPPPP AA AA RRRRRRRRR TT FFFFFF
PPPPPPPP AAAAAAAAAA RRRRRRRR TT FFFFFF
PP AAAAAAAAAA RR RR TT FF
PP AA AA RR RR TT FF
PP AA AA RR RR TT FF
PP AA AA RR RR TT FF

PART F

PRESSURE SUMMARIES

ALL PRESSURE DATA IN PART F IS TAKEN FROM HOURLY OBSERVATIONS. IT IS SUMMARIZED:

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

SEA LEVEL PRESSURE.
IN MILLIBARS, TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS. THIS SUMMARY IS NOT AVAILABLE FOR METAR REPORTING SITES.

ALTIMETER SETTING.
IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS, AND TOTAL OBSERVATION COUNTS.

STATION PRESSURE.
IN INCHES OF MERCURY (HG), TABLES GIVE MEANS, STANDARD DEVIATIONS AND TOTAL OBSERVATION COUNTS.

PRESSURE CONVERSIONS ARE: 1 MILLIBAR = 0.02953 INCHES OF MERCURY (HG).

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
0100	MEAN	1019.7	1019.7	1016.9	1015.0	1015.0	1015.5	1016.4	1017.2	1018.4	1019.2
	SD	8.944	8.702	8.395	7.021	5.193	4.393	3.695	3.654	4.898	6.052
	TOT OBS	310	283	309	300	310	300	310	310	299	310
0400	MEAN	1019.6	1019.5	1016.5	1014.6	1014.9	1015.4	1016.2	1017.0	1018.3	1019.2
	SD	9.198	8.870	8.589	7.273	5.455	4.553	3.780	3.785	4.988	6.269
	TOT OBS	310	283	310	300	310	300	310	310	299	310
0700	MEAN	1020.0	1020.1	1017.4	1015.6	1015.9	1016.4	1017.1	1018.0	1019.3	1020.0
	SD	9.383	9.016	8.791	7.540	5.639	4.632	3.893	3.892	5.155	6.474
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1000	MEAN	1021.0	1020.8	1018.1	1016.0	1016.2	1016.6	1017.4	1018.4	1019.8	1020.7
	SD	9.554	9.169	8.874	7.559	5.689	4.587	3.950	3.859	5.097	6.473
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1300	MEAN	1019.8	1020.0	1017.2	1015.2	1015.4	1015.9	1016.8	1017.6	1018.8	1019.5
	SD	9.334	9.047	8.618	7.247	5.461	4.462	3.826	3.790	4.884	6.182
	TOT OBS	310	282	310	300	310	300	310	310	300	310
1600	MEAN	1019.3	1019.0	1015.9	1014.0	1014.4	1014.8	1015.7	1016.4	1017.4	1018.5
	SD	8.985	8.958	8.287	6.963	5.151	4.343	3.702	3.712	4.764	5.987
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1900	MEAN	1020.1	1019.7	1016.4	1014.2	1014.3	1014.6	1015.5	1016.3	1017.5	1019.1
	SD	8.678	8.352	8.062	6.842	5.037	4.202	3.555	3.601	4.753	5.922
	TOT OBS	310	281	310	300	310	300	310	310	300	310
2200	MEAN	1020.2	1019.9	1017.1	1015.1	1015.1	1015.6	1016.4	1017.3	1018.4	1019.6
	SD	8.647	8.827	8.107	6.845	5.036	4.136	3.592	3.585	4.800	6.015
	TOT OBS	310	282	310	300	310	300	310	310	300	310
ALL HOURS	MEAN	1020.0	1019.8	1016.9	1015.0	1015.2	1015.6	1016.4	1017.3	1018.5	1019.5
	SD	9.114	8.750	8.493	7.193	5.376	4.474	3.803	3.795	4.980	6.206
	TOT OBS	2433	2250	2479	2400	2483	2400	2480	2480	2398	2480

SEA LEVEL PRESSURE IN MILLIBARS
FROM HOURLY OBSERVATIONS

N NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
1016.9	1015.0	1015.0	1015.5	1016.4	1017.2	1018.4	1019.2	1019.7	1020.2	1017.7
4.395	7.021	5.193	4.393	3.695	3.654	4.898	6.052	7.149	8.339	6.900
309	300	310	300	310	310	299	310	300	310	3651
1016.5	1014.6	1014.9	1015.4	1015.2	1017.0	1018.3	1019.2	1019.6	1020.3	1017.6
4.589	7.273	5.455	4.553	3.780	3.785	4.988	6.269	7.214	8.433	7.081
310	300	310	300	310	310	299	310	300	310	3652
1017.4	1015.6	1015.9	1016.4	1017.1	1018.0	1019.3	1020.0	1020.2	1020.6	1018.4
4.791	7.540	5.639	4.632	3.893	3.892	5.155	6.474	7.400	8.644	7.196
310	300	310	300	310	310	300	310	299	310	3652
1018.1	1016.0	1016.2	1016.6	1017.4	1018.4	1019.8	1020.7	1020.9	1021.5	1018.9
4.874	7.559	5.689	4.587	3.950	3.859	5.097	6.473	7.658	8.850	7.332
310	300	310	300	310	310	300	310	300	310	3653
1017.2	1015.2	1015.4	1015.9	1016.8	1017.6	1018.8	1019.5	1019.6	1020.2	1018.0
4.613	7.247	5.461	4.462	3.826	3.790	4.884	6.182	7.622	8.843	7.137
310	300	310	300	310	310	300	310	300	310	3652
1015.9	1014.0	1014.4	1014.8	1015.7	1016.4	1017.4	1018.5	1018.9	1019.8	1017.0
4.237	6.963	5.151	4.343	3.702	3.712	4.764	5.987	7.412	8.589	6.968
310	300	310	300	310	310	300	310	300	310	3653
1015.4	1014.2	1014.3	1014.6	1015.5	1016.3	1017.5	1019.1	1019.5	1020.5	1017.3
4.062	6.942	5.037	4.202	3.555	3.601	4.753	5.922	7.285	8.524	6.939
310	300	310	300	310	310	300	310	300	310	3651
1017.1	1015.1	1015.1	1015.6	1016.4	1017.3	1018.4	1019.6	1019.7	1020.6	1017.9
4.107	6.945	5.036	4.136	3.592	3.585	4.800	6.015	7.219	8.394	6.838
310	300	310	300	310	310	300	310	300	310	3652
1016.9	1015.0	1015.2	1015.6	1016.4	1017.3	1018.5	1019.5	1019.8	1020.5	1017.9
4.493	7.193	5.376	4.474	3.803	3.795	4.980	6.206	7.392	8.592	7.074
2479	2400	2480	2400	2480	2480	2398	2480	2399	2480	29216

OPERATING LOCATION "AA"
USAFETAC, ASHEVILLE NC

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
0100	MEAN	30.07	30.08	30.00	29.96	29.97	29.99	30.02	30.05	30.08	30.09
	SD	.258	.251	.245	.206	.153	.129	.109	.106	.141	.176
	TOT OBS	310	283	310	300	310	300	310	310	300	310
0400	MEAN	30.07	30.07	29.99	29.95	29.96	29.99	30.02	30.04	30.07	30.09
	SD	.266	.255	.250	.214	.161	.134	.111	.110	.144	.192
	TOT OBS	310	283	310	300	310	300	310	310	300	310
0700	MEAN	30.08	30.09	30.02	29.98	29.99	30.02	30.04	30.07	30.10	30.11
	SD	.270	.260	.256	.222	.166	.135	.114	.112	.148	.188
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1000	MEAN	30.11	30.11	30.04	29.99	30.00	30.03	30.05	30.08	30.12	30.13
	SD	.275	.264	.259	.223	.168	.135	.116	.112	.147	.199
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1300	MEAN	30.09	30.09	30.01	29.96	29.93	30.00	30.03	30.06	30.09	30.10
	SD	.271	.262	.252	.213	.161	.131	.112	.110	.141	.181
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1600	MEAN	30.06	30.06	29.98	29.93	29.95	29.97	30.00	30.02	30.05	30.07
	SD	.259	.259	.242	.205	.152	.128	.108	.107	.137	.175
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1900	MEAN	30.08	30.08	29.99	29.94	29.95	29.97	29.99	30.02	30.05	30.08
	SD	.250	.254	.235	.201	.148	.124	.104	.104	.136	.172
	TOT OBS	310	281	310	300	310	300	310	310	300	310
2200	MEAN	30.09	30.08	30.01	29.96	29.97	30.00	30.02	30.05	30.07	30.10
	SD	.259	.254	.234	.202	.148	.123	.105	.104	.138	.174
	TOT OBS	310	282	310	300	310	300	310	310	300	310
ALL HOURS	MEAN	30.08	30.08	30.01	29.96	29.97	30.00	30.02	30.05	30.08	30.10
	SD	.263	.253	.248	.212	.158	.131	.111	.110	.144	.180
	TOT OBS	2480	2261	2480	2400	2480	2400	2480	2480	2400	2480

ALTIMETER SETTING IN INCHES
FROM HOURLY OBSERVATIONS

STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
TO UTC: + 5

	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
	30.00	29.96	29.97	29.99	30.02	30.05	30.08	30.09	30.09	30.10	[illegible]
	.245	.206	.153	.129	.109	.106	.141	.176	.209	.240	.199
	310	300	310	300	310	310	300	310	300	310	3653
	29.99	29.95	29.96	29.99	30.02	30.04	30.07	30.09	30.09	30.10	30.04
	.250	.214	.161	.134	.111	.110	.144	.182	.211	.243	.204
	310	300	310	300	310	310	300	310	300	310	3653
	30.02	29.98	29.99	30.02	30.04	30.07	30.10	30.11	30.11	30.11	30.06
	.256	.222	.166	.136	.114	.112	.148	.188	.216	.250	.208
	310	300	310	300	310	310	300	310	300	310	3653
	30.04	29.99	30.00	30.03	30.05	30.08	30.12	30.13	30.13	30.13	30.08
	.259	.223	.168	.135	.116	.112	.147	.189	.224	.256	.211
	310	300	310	300	310	310	300	310	300	309	3652
	30.01	29.96	29.98	30.00	30.03	30.06	30.09	30.10	30.09	30.10	30.05
	.252	.213	.161	.131	.112	.110	.141	.181	.223	.256	.206
	310	300	310	300	310	310	300	310	300	310	3653
	29.98	29.93	29.95	29.97	30.00	30.02	30.05	30.07	30.07	30.08	30.02
	.242	.205	.152	.128	.108	.107	.137	.175	.217	.248	.201
	310	300	310	300	310	310	300	310	300	310	3653
	29.99	29.94	29.95	29.97	29.99	30.02	30.05	30.08	30.09	30.10	30.03
	.235	.201	.148	.124	.104	.104	.136	.172	.212	.246	.199
	310	300	310	300	310	310	300	310	300	310	3651
	30.01	29.96	29.97	30.00	30.02	30.05	30.07	30.10	30.09	30.11	30.05
	.236	.202	.148	.123	.105	.104	.138	.174	.211	.242	.196
	310	300	310	300	310	310	300	310	300	310	3652
	30.01	29.96	29.97	30.00	30.02	30.05	30.08	30.10	30.09	30.10	30.04
	.248	.212	.158	.131	.111	.110	.144	.180	.216	.249	.204
	2480	2400	2480	2400	2480	2480	2400	2480	2400	2479	29220

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

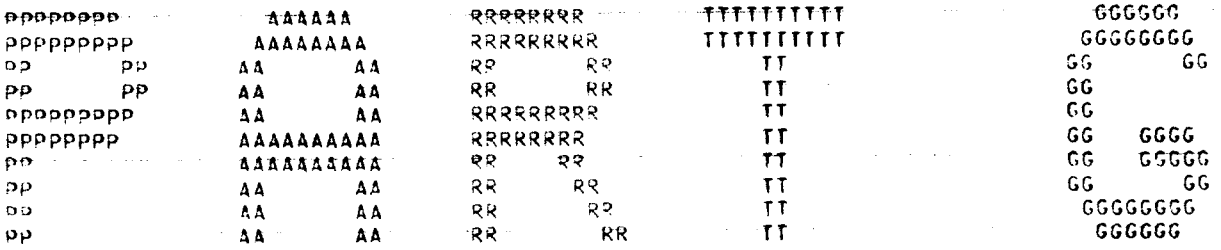
STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 7
LST TO UTC: + 5

HOURS (LST)	STATS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
0100	MEAN	29.27	29.27	29.20	29.16	29.17	29.19	29.22	29.24	29.27	29.28
	SD	.253	.245	.240	.202	.150	.126	.105	.102	.137	.172
	TOT OBS	310	283	310	300	310	300	310	310	300	310
0400	MEAN	29.27	29.27	29.19	29.15	29.16	29.19	29.21	29.24	29.27	29.28
	SD	.259	.250	.245	.209	.157	.131	.108	.106	.139	.178
	TOT OBS	310	283	310	300	310	300	310	310	300	310
0700	MEAN	29.28	29.28	29.21	29.17	29.19	29.21	29.24	29.26	29.30	29.30
	SD	.265	.254	.251	.217	.162	.132	.110	.108	.144	.184
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1000	MEAN	29.31	29.30	29.23	29.18	29.20	29.22	29.25	29.27	29.31	29.33
	SD	.269	.259	.253	.219	.164	.131	.112	.109	.143	.185
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1300	MEAN	29.27	29.28	29.21	29.16	29.18	29.20	29.23	29.25	29.28	29.29
	SD	.266	.257	.246	.209	.157	.128	.108	.106	.137	.176
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1600	MEAN	29.26	29.25	29.18	29.13	29.15	29.17	29.20	29.22	29.24	29.26
	SD	.254	.254	.236	.200	.148	.125	.105	.104	.133	.170
	TOT OBS	310	283	310	300	310	300	310	310	300	310
1900	MEAN	29.24	29.27	29.19	29.13	29.14	29.16	29.19	29.22	29.25	29.28
	SD	.245	.249	.230	.197	.145	.121	.101	.101	.132	.168
	TOT OBS	310	281	310	300	310	300	310	310	300	310
2200	MEAN	29.23	29.28	29.21	29.16	29.17	29.19	29.22	29.24	29.27	29.29
	SD	.244	.243	.231	.197	.145	.120	.102	.100	.134	.170
	TOT OBS	310	282	310	300	310	300	310	310	300	310
ALL HOURS	MEAN	29.26	29.23	29.20	29.16	29.17	29.19	29.22	29.24	29.27	29.29
	SD	.257	.252	.242	.207	.155	.128	.108	.105	.139	.176
	TOT OBS	2480	2261	2480	2400	2480	2400	2480	2480	2400	2480

STATION PRESSURE IN INCHES
FROM HOURLY OBSERVATIONS

ON NAME: RICKENBACKER ANGB OH PERIOD OF RECORD: MAR 78 - FEB 88
UTC: + 5

MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
29.20	29.16	29.17	29.19	29.22	29.24	29.27	29.28	29.29	29.29	29.24
.240	.202	.150	.126	.105	.102	.137	.172	.204	.235	.194
310	300	310	300	310	310	300	310	300	310	3653
29.19	29.15	29.16	29.19	29.21	29.24	29.27	29.28	29.29	29.30	29.23
.245	.209	.157	.131	.108	.106	.139	.178	.206	.238	.199
310	300	310	300	310	310	300	310	300	310	3653
29.21	29.17	29.19	29.21	29.24	29.26	29.30	29.30	29.30	29.30	29.26
.251	.217	.162	.132	.110	.108	.144	.184	.211	.245	.203
310	300	310	300	310	310	300	310	300	310	3653
29.23	29.18	29.20	29.22	29.25	29.27	29.31	29.33	29.32	29.33	29.27
.253	.218	.164	.131	.112	.108	.143	.185	.219	.250	.207
310	300	310	300	310	310	300	310	300	309	3652
29.21	29.16	29.18	29.20	29.23	29.25	29.28	29.29	29.28	29.29	29.24
.246	.209	.157	.128	.108	.106	.137	.176	.218	.251	.201
310	300	310	300	310	310	300	310	300	310	3653
29.18	29.13	29.15	29.17	29.20	29.22	29.24	29.26	29.26	29.28	29.22
.236	.200	.148	.125	.105	.104	.133	.170	.212	.243	.196
310	300	310	300	310	310	300	310	300	310	3653
29.19	29.13	29.14	29.16	29.19	29.22	29.25	29.28	29.28	29.30	29.22
.230	.197	.145	.121	.101	.101	.132	.168	.208	.241	.194
310	300	310	300	310	310	300	310	300	310	3651
29.21	29.16	29.17	29.19	29.22	29.24	29.27	29.29	29.29	29.30	29.24
.231	.197	.145	.120	.102	.100	.134	.170	.206	.236	.192
310	300	310	300	310	310	300	310	300	310	3652
29.20	29.16	29.17	29.19	29.22	29.24	29.27	29.29	29.29	29.30	29.24
.242	.207	.155	.128	.108	.106	.139	.176	.211	.243	.199
2480	2400	2480	2400	2480	2480	2400	2480	2400	2479	29220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PART G

CROSSWIND SUMMARY

CROSSWIND SUMMARIES.

THESE TABLES ARE CREATED FROM HOURLY AND SPECIAL OBSERVATIONS (INCLUDING PEAK GUST REMARKS). THE TABLES ARE SUMMARIZED AS FOLLOWS:

- BY EIGHT 3-HOUR STANDARD TIME PERIODS FOR EACH MONTH (ALL YEARS COMBINED).
- BY MONTH (ALL YEARS AND ALL HOURS COMBINED).
- BY MONTH (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).
- BY YEAR (ALL YEARS AND ALL HOURS COMBINED).
- BY YEAR (ALL YEARS AND THE HOURS 0600-2000 LST COMBINED).

THE TABLES GIVE PERCENT OCCURRENCE FREQUENCY (POF) OF THE "CROSS-RUNWAY WIND COMPONENT" FOR THE WIND SPEED CLASSES SPECIFIED IN THE TABLE HEADINGS. THERE ARE TWO COMPONENT CATEGORIES:

THE FIRST COMPONENT IS COMPUTED FROM THE REPORTED WIND DIRECTION AND WIND SPEED FROM HOURLY RECORD OR RECORD-SPECIAL OBSERVATIONS.

THE SECOND COMPONENT IS COMPUTED FROM THE HIGHEST REPORTED WIND SPEED AND DIRECTION FROM ALL OBSERVATIONS INCLUDING REMARKS, GUSTS, AND SPECIAL OBSERVATIONS.

OBSERVATION COUNTS INCLUDE CALM WINDS.

VARIABLE WINDS ARE CONSIDERED A DIRECT CROSSWIND IF THE SPEED EQUALS OR EXCEEDS THE SPECIFIED THRESHOLD WIND SPEED VALUE(S).

A TOTAL OBSERVATION COUNT IS INCLUDED.

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNW

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF REC
LST TO UTC: + 5 MONTH: JAN

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES +

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.6	.1		930	2.3			930	1.0			930
CATEGORY B	4.4	.4		988	5.6	.1		990	4.2	.4		1006

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.9			930	2.3			930	2.3			930
CATEGORY B	4.5	.3		1015	4.6	.7		1032	5.6	.6		996

TIME (LST)	0600 - 2000				ALL HOURS		
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	1.8			4650	1.9	.0	
CATEGORY B	5.0	.4		5063	4.9	.3	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NAME: RICKENBACKER ANGB OH
GMT TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JAN

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

GE	0300 - 0500				0600 - 0800				0900 - 1100			
	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
1.	930	2.3			930	1.0			930	1.8			930
5.	988	5.6	.1		980	4.2	.4		1006	5.2	.1		1014

G	1200	1500 - 1700				1800 - 2000				2100 - 2300			
	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
1.	930	2.3			930	2.3			930	1.7			930
4.	1015	4.6	.7		1032	5.6	.6		996	4.4	.2		1007

	0600 - 2000				ALL HOURS			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
7440	1.8			4650	1.9	.0		7440
9038	5.0	.4		5063	4.9	.3		9038

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD O
LST TO UTC: + 5 MONTH: F

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURL

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 08		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	1.6			849	1.1			849	.2		
CATEGORY B	3.3	.4		906	2.6			916	2.1	.1	

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 20		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	2.5			849	3.3			849	1.4		
CATEGORY B	5.6	.5		946	6.7	.8		932	4.1	.7	

TIME (LST)	0600 - 2000				ALL H		
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	G
CATEGORY A	1.6			4243	1.6		
CATEGORY B	4.7	.4		4699	4.2	.4	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGB OH
TD: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: FEB

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

KEY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
[illegible]	1.1			849	.2			849	.8			849
[illegible]	2.6			916	2.1	.1		948	5.2			953

	1500 - 1700				1800 - 2000				2100 - 2300			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
[illegible]	3.3			849	1.4			847	1.3			846
[illegible]	6.7	.8		932	4.1	.7		920	3.8	.5		929

	0600 - 2000				ALL HOURS			
	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
[illegible]	1.5			4243	1.5			6737
[illegible]	4.7	.4		4699	4.2	.4		7459

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD C
LST TO UTC: + 5 MONTH: M

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURL

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 08		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	1.4			930	1.4	.1		930	2.0		
CATEGORY B	3.3	.1		962	3.4	.7	.1	973	4.8	.7	

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 20		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	3.3	.1		930	3.9			930	2.3		
CATEGORY B	3.7	.6	.1	959	3.6	.9		965	3.9	.4	

TIME (LST)	0600 - 2000				ALL		
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	G
CATEGORY A	2.6	.0		4650	2.2	.0	
CATEGORY B	6.2	.6	.0	4838	5.2	.5	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAR

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
930	1.4	.1		930	2.0			930	1.6			930
967	3.4	.7	.1	979	4.8	.7		983	5.3	.4		967

	1500 - 1700				1800 - 2000				2100 - 2300			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
930	3.9			930	2.3			930	1.8			930
964	8.6	.9		965	3.9	.4		964	4.2	.2		978

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
2.6	.0		4650	2.2	.0		7440
5.2	.6	.0	4838	5.2	.5	.0	7757

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUN

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH
LST TO UTC: + 5

PERIOD OF RE
MONTH: APR

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OB
CATEGORY A	1.6			900	1.6	.2		900	1.8			90
CATEGORY B	2.6	.6	.1	941	3.2	1.0	.1	940	3.1	.5		95

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OB
CATEGORY A	4.7	.1		899	5.9			900	3.3			90
CATEGORY B	11.9	1.2		930	12.2	1.1		947	6.8	1.0		95

TIME (LST)	0600 - 2000				ALL HOURS		
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	3.9	.0		4499	3.0	.0	
CATEGORY B	8.3	.9		4739	6.4	.8	.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: APR

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

CRY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
900	1.6	.2		900	1.8			900	3.9			900
941	3.2	1.0	.1	940	3.1	.5		957	7.7	.8		951

	1500 - 1700				1800 - 2000				2100 - 2300			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
899	5.9			900	3.3			900	1.6			900
939	12.2	1.1		947	6.9	1.0		954	3.6	1.0		932

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
3.0	.0		4499	3.0	.0		7199
3.7	.9		4739	6.4	.9	.0	7552

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNW

STATION NUMBER: 724266 STATION NAME: RICKENBACKER ANGB OH PERIOD OF REC
LST TO UTC: + 5 MONTH: MAY

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES +

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A				930	.1			930	.1			930
CATEGORY B	.4			981	.5	.1		994	.7	.1		1003

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3			930	1.2			930	.2			930
CATEGORY B	3.2			963	3.9	.3		971	1.3			953

TIME (LST)	0600 - 2000				ALL HRS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	
CATEGORY A	.4			4650	.3			
CATEGORY B	2.1	.1		4860	1.5	.1	.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NAME: RICKENBACKER ANGB OH
TIME ZONE: UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: MAY

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

- 0200					0300 - 0500				0600 - 0800				0900 - 1100			
GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
	930	.1			930	.1			930	.2			930
	941	.5	.1		994	.7	.1		1003	1.5			970

- 1400					1500 - 1700				1800 - 2000				2100 - 2300			
GE	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
	930	1.2			930	.2			930	.1			930
	963	3.9	.3		971	1.3			953	1.4	.1	.1	958

	0600 - 2000				ALL HOURS			
GE35	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
7440	.4			4950	.3			7440
7793	2.1	.1		4960	1.5	.1	.0	7793

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RU

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF R
LST TO UTC: + 5 MONTH: JUN

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	O
CATEGORY A				900	.1			900	.1			9
CATEGORY B	.4	.1		946	.4	.1		961	.1			9

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	O
CATEGORY A	.9			900	.9			900	.3			9
CATEGORY B	2.4	.1		949	3.0	.2	.1	943	1.1	.3		9

TIME (LST)	0600 - 2000				ALL HOUR		
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	.5			4500	.4		
CATEGORY B	1.6	.1	.0	4749	1.2	.1	.0

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

TION NAME: RICKENBACKER ANGB OH
TO UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUN

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

- 0200					0300 - 0500					0600 - 0800					0900 - 1100				
[illegible]	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
	900	.1			900	.1			900	.4			900				
	946	.4	.1		961	.1			970	1.3			954				

- 1400					1500 - 1700					1800 - 2000					2100 - 2300				
[illegible]	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
	900	.9			900	.3			900	.2			900				
	949	3.0	.2	.1	943	1.1	.3		933	.9	.1	.1	934				

[illegible]	0600 - 2000				ALL HOURS			
[illegible]	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
[illegible]	.5			4500	.4			7200
7583	1.5	.1	.0	4749	1.2	.1	.0	7589

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RU

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF R
LST TO UTC: + 5 MONTH: JUL

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	O
CATEGORY A				930				930				9
CATEGORY B				970	.1			1005				10

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	O
CATEGORY A	.4			930	.2			930				9
CATEGORY B	.3			963	1.6	.1		964				9

TIME (LST)	0600 - 2000				ALL HOUR		
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	.2			4650	.1		
CATEGORY B	.6	.0		4832	.4	.0	

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGB OH
TIC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: JUL

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

CEILING B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
CEIL	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
930				930				930	.1			930
999	.1			1005				1039	.5	.1		976

	1500 - 1700				1800 - 2000				2100 - 2300			
CEIL	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
930	.2			930				930				930
963	1.6	.1		964				950	.5	.1		972

	0600 - 2300				ALL HOURS			
CEIL	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
744	.2			4[illegible]	.1			7440
7833	.5	.0		4832	.4	.0		7839

OPERATING LOCATION "AM
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETI

STATION NUMBER: 724235 STATION NAME: RICKENBACKER ANGB OH PERIOD
LST TO UTC: + 5 MONTH: A

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURL

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	.1			930				930	.1		
CATEGORY B	.2			954				973	.1		

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	.1			929	.5	.1		930			
CATEGORY B	1.4	.3		967	2.0	.4	.1	956	.3		

TIME (LST)	0600 - 2000				ALL	
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25
CATEGORY A	.2	.0		4649	.1	.0
CATEGORY B	.8	.1	.0	4820	.5	.1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

STATION NAME: RICKENBACKER ANGB OH
TIME UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: AUG

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0200					0300 - 0500					0600 - 0800					0900 - 1100				
CAT	OBS	GE15	GE25	GE35	OBS	CAT	GE15	GE25	GE35	OBS	CAT	GE15	GE25	GE35	OBS
A	930				930	A	.1			930	A	.1			930
B	954				973	B	.1			992	B	.1			962

1200 - 1400					1400 - 1700					1700 - 2000					2100 - 2300				
CAT	OBS	GE15	GE25	GE35	OBS	CAT	GE15	GE25	GE35	OBS	CAT	GE15	GE25	GE35	OBS
A	929	.5	.1		930	A				930	A	.1			930
B	947	2.0	.4	.1	955	B	.3			944	B	.4	.3		940

0500 - 2000				ALL HOURS			
CAT	GE15	GE25	GE35	OBS	CAT	GE15	GE25	GE35	OBS
A	.2	.0		4649	A	.1	.0		7439
B	.8	.1	.0	4829	B	.6	.1	.0	7687

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD O
LST TO UTC: + 5 MONTH: S

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURL

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 08		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	.2			900	.2			900	.1		
CATEGORY B	.6	.1		942	.3	.1		956	.5		

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 20		
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
CATEGORY A	.2			900	.2			900	.1		
CATEGORY B	1.3			951	1.4	.2		938	.9	.1	

TIME (LST)	0600 - 2000				ALL H
SPEED KTS	GE15	GE25	GE35	OBS	GE15 GE25 G
CATEGORY A	.2			4500	.2
CATEGORY B	1.0	.1		4804	.4 .1

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 73 - FEB 88
MONTH: SEP

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

[illegible]	0300 - 0500				0600 - 0800				0900 - 1100			
OBS	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
900	900	.2			900	.1			900	.3		
914	942	.3	.1		956	.5			1014	1.2		

[illegible]	1500 - 1700				1800 - 2000				2100 - 2300			
OBS	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
900	900	.2			900	.1			900	.1		
933	951	1.4	.2		938	.9	.1		933	.1		

[illegible]	0600 - 2000				ALL HOURS			
[illegible]	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35
7200	4500	.2			7200	.2		
7628	4304	1.0	.1		7628	.5	.1	

OPERATING LOCATION "AW"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD
LST TO UTC: + 5 MONTH: OCT

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SP

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.1			930	.1			930	.3			930
CATEGORY B	.3			962	.3			970	.5			997

TIME (LST)	1200 - 1400				1500 - 1700				1400 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.3			930	1.1			930	.3			930
CATEGORY B	2.5	.1		972	3.6	.3		959	1.1	.1		965

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	
CATEGORY A	.7			4650	.5			7
CATEGORY B	2.0	.1		4870	1.5	.1		7

ERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

ME: RICKENBACKER ANGB OH
: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: OCT

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

RY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
S	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
0	.1			930	.3			930	.9			930
2	.3			977	.5			997	2.3			977

	1500 - 1700				1800 - 2000				2100 - 2300			
S	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
0	1.1			930	.3			930	.2			930
2	3.6	.3		959	1.1	.1		965	1.1	.1		964

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.7			4650	.5			7440
2.0	.1		4870	1.5	.1		7766

S - 2 - 10

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HE

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH
LST TO UTC: + 5

PERIOD OF RECORD:
MONTH: NOV

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPEC

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.6			900	1.2			900	.8			900
CATEGORY B	2.3			951	2.1	.1		946	1.5			984

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.0			900	.6			900	.3			900
CATEGORY B	4.5	.3		956	3.8	.1		968	2.7	.3		947

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OB
CATEGORY A	.7			4500	.8			720
CATEGORY B	3.3	.2	.0	4823	3.1	.2	.0	766

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

NAME: RICKENBACKER ANGB OH
TC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: NOV

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

CRY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
900	1.2			900	.8			900	1.0			900
951	2.1	.1		946	1.6			988	3.6	.5	.1	964

	1500 - 1700				1800 - 2000				2100 - 2300			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
900	.6			900	.3			900	.9			900
955	3.8	.1		968	2.7	.3		947	3.8			947

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
.7			4500	.8			7200
3.3	.2	.0	4823	3.1	.2	.0	7667

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY H

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: DEC

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPE

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0800			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.5			930	.9			930	.8			930
CATEGORY B	3.5	.1		977	3.9			987	4.2	.1		1008

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.8			930	1.5			930	1.7			930
CATEGORY B	4.2	.2		1016	4.8	.3		1002	4.3	.3		981

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	O
CATEGORY A	1.4			4650	1.4			74
CATEGORY B	4.1	.2		5032	4.1	.2		79

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

AME: RICKENBACKER ANGB OH
C: + 5

PERIOD OF RECORD: MAR 73 - FEB 88
MONTH: DEC

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

RY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

0300 - 0500				0600 - 0800				0900 - 1100			
BS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
30	.9			930	.8			930	1.2			930
77	3.9			987	4.2	.1		1008	3.1			1025

1500 - 1700				1800 - 2000				2100 - 2300			
BS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
30	1.5			930	1.7			930	2.2			930
16	4.8	.3		1002	4.3	.3		981	4.5	.3		974

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
1.4			4650	1.4			7440
4.1	.2		5032	4.1	.2		7970

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HE

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5 MONTH: ALL

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

CATEGORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECI

TIME (LST)	0000 - 0200				0300 - 0500				0600 - 0900			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	.7	.0		10959	.7	.0		10959	.6			10959
CATEGORY B	1.3	.2	.0	11479	1.9	.2	.0	11607	1.3	.2		11309

TIME (LST)	1200 - 1400				1500 - 1700				1800 - 2000			
SPEED (KTS)	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.5	.0		10957	1.8	.0		10959	1.0			10957
CATEGORY B	4.2	.3	.0	11587	4.7	.4	.0	11576	2.8	.3		11440

TIME (LST)	0600 - 2000				ALL HOURS			
SPEED KTS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
CATEGORY A	1.2	.0		54791	1.0	.0		5766
CATEGORY B	3.3	.3	.0	58193	2.8	.2	.0	92734

PERCENTAGE FREQUENCY OF OCCURRENCE OF CROSSWINDS
FROM HOURLY OBSERVATIONS

MAGNETIC RUNWAY HEADING: 050-230

N NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: MAR 78 - FEB 88
MONTH: ALL

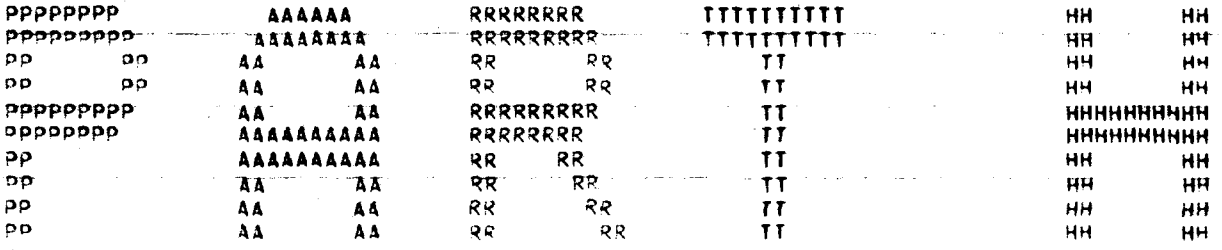
T-GORY A: ANY CEILING OR VISIBILITY (HOURLY OBS ONLY)

T-GORY B: HIGHEST WINDS REPORTED WITHIN THE HOUR (HOURLIES + SPECIALS)

	0300 - 0500				0600 - 0800				0900 - 1100			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
10959	.7	.0		10959	.6			10959	1.0			10959
11479	1.9	.2	.0	11607	1.8	.2		11909	3.1	.2	.0	11681

	1500 - 1700				1800 - 2000				2100 - 2300			
OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
10957	1.8	.0		10959	1.0			10957	.8			10956
11537	4.7	.4	.0	11576	2.8	.3		11440	2.4	.2	.0	11457

0600 - 2000				ALL HOURS			
GE15	GE25	GE35	OBS	GE15	GE25	GE35	OBS
1.2	.0		54791	1.0	.0		87665
3.3	.3	.0	58193	2.8	.2	.0	92736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PPPPPPPPP AA AA RRRRRRRRR TT HHHHHHHHHH
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PP AAAAAAAAAA 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, 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.

ASTERISKS (****) DENOTE A MISSING MONTH WITH A DAY (OR DAYS) THAT CANNOT BE CALCULATED AUTOMATICALLY.

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

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

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

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATU

STATION NUMBER: 724286 STATION NAME: RICKENBACKER ANGB OH
LST TO UTC: + 5

PERIOD OF REC

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT
1942								27	131	248
1943	1027	889	821	530	117	8	1	2	113	343
1944	960	854	824	406	47	10		3	49	302
1945	1231	880	398	299	217	54	4	2	23	338
1946	1011	585	17	377	148	21		27	33	202
1947	894	1133	944	383	211	29	7		116	90
1948	1348	968	645	295	161	5		2	50	419
1949	847	777	719	457	120	7		2	96	
1951		130	714	459	112	8		5	83	273
1952	835	439	741	373	136	1		5	59	471
1953	896	835	564	481	65	4		2	57	230
1954	782	664	811	254	250	22		2	30	329
1955	1074	823	707	244	94	35			29	325
1956	1150	837	773	485	179	41		10	107	199
1957	1135	782	745	372	125	4			66	409
1958	1113	1110	827	367	138	23	1	5	61	310
1959	1177	869	781	357	89	21			55	319
1960	955	933	1114	294	102	4			26	294
1961	1272	761	612	549	246	58	5	2	83	304
1962	1202	954	844	474	76	11	3	3	179	344
1963	1314	1153	665	425	221	26	7	21	112	177
1964	1072	1053	726	357	114	47	1	34	85	435
1965	1089	971	877	400	45	34	3	31	42	411
1966	1275	945	697	473	276	23	1	7	133	471
1967	953	1070	725	352	296	5	7	14	138	367
1968	1256	1137	695	357	201	10	6	13	35	313

HEATING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

TION NAME: RICKENBACKER ANGB OH

PERIOD OF RECORD: AUG 42 - FEB 88

ZONE: UTC: + 5

[illegible]	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
					27	131	248	604	1065	2075
621	530	117	8	1	2	113	343	726	1035	5612
524	406	47	10		3	49	302	623	1164	5242
333	293	217	54	4	2	23	338	607	1193	5251
17	377	148	21		27	33	202	526	839	3786
994	383	211	29	7		116	90	725	1032	5564
648	295	161	5		2	50	419	527	867	5279
714	457	120	7		2	96				3025
714	459	112	3		5	83	273	818	973	3625
741	373	136	1		5	59	471	626	885	5021
594	481	55	4		2	57	230	603	918	4725
41	254	250	22		2	30	329	653	1007	5029
717	244	94	35			29	325	752	1050	5214
773	465	179	41		10	107	199	641	742	5154
763	372	125	3			66	409	639	881	5210
837	367	139	23	1	5	61	310	596	1267	5826
781	357	33	21			55	319	734	856	5262
1114	294	102	4			26	284	614	1215	5691
612	549	246	53	5	2	83	304	681	1029	5622
664	474	75	11	3	3	179	344	686	1198	5983
825	425	221	26	1	23	112	177	618	1336	6090
736	357	114	47	1	34	85	435	602	994	5525
77	400	45	34	3	31	82	411	653	864	5470
837	473	276	23	1	7	133	471	671	978	5956
713	352	296	3	7	14	138	367	809	910	5664
688	357	201	10	6	13	35	313	611	1027	5666

1969	1134	889	872	365	140	43			109	358	76
1970	1343	986	866	354	113	7	9		47	253	63
1972											
1973	1013	886	411	397	166			3	26	192	54
1974	991	861	602	304	154	27			163	366	61
1975	961	839	843	549	96	18			117	310	49
1976	1205	740	546	403	188	1		11	90	519	85
1977	1614	1046	544	259	69	32		9	30	358	59
1978	1378	1311	874	380	198	14		1	33	415	54
1979	1290	1226	600	451	142	7		13	61	368	60
1980	1018	1124	797	421	117	33			27	372	72
1981	1243	850	735	260	183	5			104	332	50
1982	1252	937	725	578	65	69	4	40	115	278	56
1983	1024	815	603	441	190	20	1		61	244	57
1984	1256	799	929	413	220	1	1	2	125	159	67
1985	1262	1056	633	282	128	42	1	2	84	236	47
1986	1109	898	678	329	82	9		19	28	231	55
1987	1017	830	625	372	80	5		3	37	447	49
1988	1182	998									
MEAN	1008	933	637	348	132	18	1	7	70	283	58
SD	385.11	312.50	277.41	144.98	75.21	17.62	2.62	10.34	44.90	132.13	214.9

****SPL 30YR SUMMATION (1951 -1980)****

MEAN	1065	998	689	358	143	19	1	6	71	317	60
SD	139.77	131.97	122.02	96.96	68.14	33.75	15.49	27.78	53.08	87.37	115.3

72	365	140	43			109	358	766	1160	5836
56	354	113	7	9		47	253	632	835	5445
									38	38
11	397	166			3	26	192	545	895	4534
02	304	154	27			163	366	614	943	4915
43	549	96	18			117	310	494	907	5134
65	403	188	1		11	90	519	868	1141	5712
44	259	69	32		9	30	358	569	1111	5641
74	380	198	14		1	33	415	582	935	6121
50	451	142	7		13	61	368	602	833	5593
47	421	117	33			27	372	704	978	5591
59	260	183	5			104	332	603	980	5300
25	578	65	69	4	40	115	278	566	718	5347
53	441	190	20	1		61	244	574	1157	5130
23	413	220	1	1	2	125	159	670	791	5376
33	282	128	42	1	2	84	236	477	1130	5333
73	329	82	3		19	28	231	654	942	4979
25	372	80	5		3	37	447	491	839	4746
										2080
37	345	132	16	1	7	70	283	569	889	
.41	144.98	75.21	17.62	2.62	10.34	44.90	132.13	214.97	323.20	

****SPL 30YR SUMMATION (1951 -1990)****

43	358	143	19	1	6	71	317	605	930
.32	96.96	68.14	33.75	15.49	27.78	53.08	87.37	115.26	130.69

OPERATING LOCATION "A"
USAFETAC, ASHEVILLE NC

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 6

STATION NUMBER: 724285 STATION NAME: RICKENBACKER ANGB OH PERIOD OF RECORD:
LST TO UTC: + 5

YEARS	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV
1942								124	176	8	2
1943					82	361	367	298	105	4	
1944				3	193	329	382	355	118	18	
1945			9	8	24	208	280	270	193	5	
1946				4	26	209	308	142	103	15	4
1947				7	44	180	214	459	205	54	
1948			6	34	34	213	349	265	147		
1949					88	312	448	309	50		
1951				20	78	217	326	255	90	50	
1952				9	41	327	406	274	101	6	
1953				1	102	287	348	298	147	31	
1954				39	35	279	327	250	176	81	
1955				6	73	102	406	361	159	9	1
1956				6	80	233	275	262	71	5	
1957				53	83	240	322	263	125		
1958				4	36	109	301	247	110	8	5
1959				2	155	251	346	402	222	39	1
1960				34	48	178	242	333	159	6	
1961				5	19	109	226	208	197	4	
1962				11	127	166	204	211	60	22	
1963				9	16	151	234	131	44	11	
1964				5	55	179	256	191	93		
1965					111	146	197	184	112	1	
1966					19	225	334	178	47		
1967				11	10	217	219	140	40	15	
1968					17	186	286	303	86	32	

COOLING DEGREE DAYS
FROM HOURLY OBSERVATIONS

BASE TEMPERATURE 65

I NAME: RICKENBACKER ANGB OH
UTC: + 5

PERIOD OF RECORD: AUG 42 - FEB 88

R	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	ANN
					124	176	8	2		310
		82	361	367	298	105	4			1217
	3	193	329	382	355	118	18			1398
9	8	24	208	280	270	193	5			997
	4	26	209	308	142	103	15	4		811
	7	44	180	214	459	205	54			1163
5	34	34	213	349	265	147				1048
		88	312	448	309	50				1207
	20	78	217	326	255	90	50			1036
	9	41	327	406	274	101	6			1164
	1	102	287	348	298	147	31			1214
	39	35	279	327	250	176	81			1187
	6	73	102	406	381	159	9	1		1139
	6	80	233	275	262	71	5			932
	53	83	240	322	263	125				1096
	4	36	109	301	247	110	8	5		820
	2	155	251	346	402	222	39	1		1428
	34	48	178	242	333	159	6			1000
	5	19	109	226	208	197	4			768
	11	127	166	204	211	60	22			801
	9	16	151	234	131	44	11			596
	5	55	179	256	191	93				779
		111	146	197	194	112	1			751
		19	225	334	178	47				803
	11	10	217	219	140	40	15			652
		17	186	296	303	96	32			915

1969		2	63	181	308	225	76	18
1970		16	111	178	275	230	195	16
1973	5	13	25	277	335	324	178	31
1974	14	19	77	127	317	249	33	5
1975			113	226	287	359	46	8
1976	4	27	35	201	285	131	37	1
1977	10	36	184	203	382	253	161	2
1978			68	236	268	249	186	
1979		5	75	229	258	238	110	22
1980			83	154	361	371	174	8
1981		16	32	229	312	250	92	10
1982			59	38	217	96	68	39
1983	2	3	22	211	419	425	195	15
1984		9	35	278	235	278	95	15
1985	2	24	51	98	212	200	144	21
1986	1	20	113	237	376	245	193	36
1987		15	152	274	367	327	118	
MEAN	1	10	61	187	272	238	111	14
SD	2.96	12.58	49.09	91.57	113.29	103.26	62.83	17.21

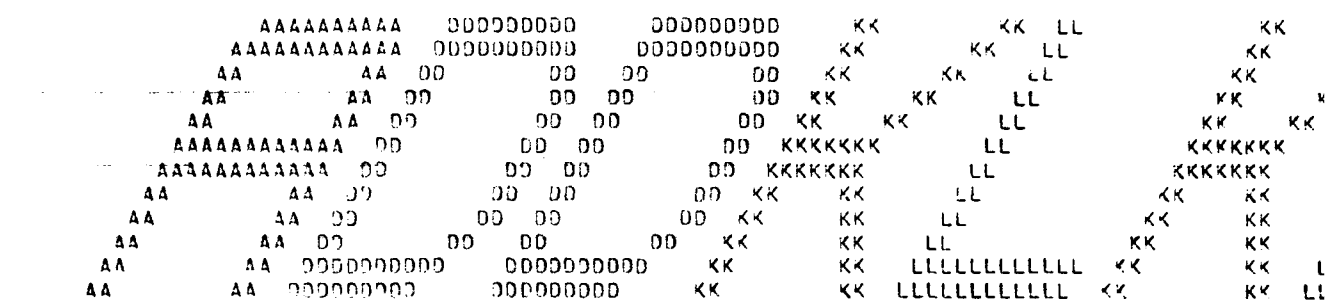
****SPL 30YR SUMMATION (1951 -1980)****

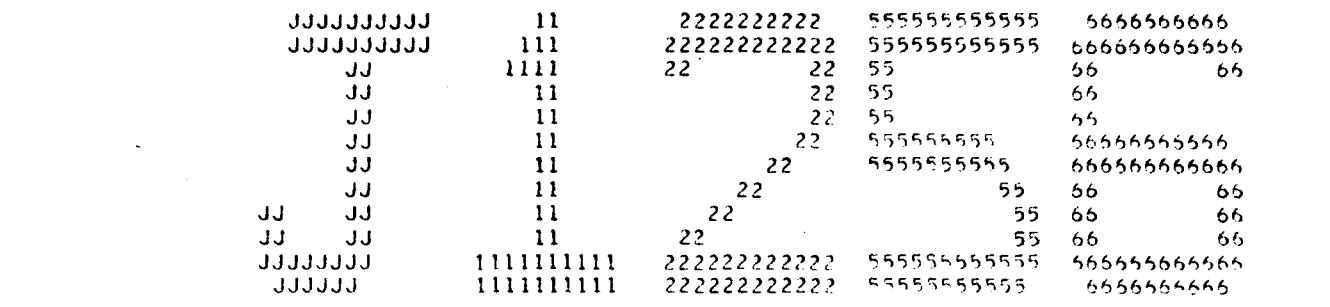
MEAN	1	10	63	187	277	238	107	13
SD	1.41	8.19	62.03	184.66	276.37	236.42	104.49	10.91

	2	63	181	308	225	76	18			873
	16	111	178	275	230	195	16			921
	13	29	277	335	324	178	31			1188
14	19	77	127	317	249	33	5			841
		113	225	287	359	46	8	2		1041
	27	35	201	285	131	37	1			721
1)	36	184	203	382	253	161	2	7		1238
		68	236	268	249	186				1007
	5	75	229	258	238	110	22			937
		83	154	361	371	174	8			1151
	16	32	229	312	250	92	10			941
		59	38	217	96	68	39	10	3	530
2	3	22	211	419	425	195	15			1292
	9	35	279	235	278	95	16			946
2	24	51	98	212	200	144	21	5		757
1	20	113	237	376	245	193	36			1221
	15	152	274	367	327	118		7		1260
1	10	61	187	272	238	111	14	0	0	
--	12.58	49.09	91.57	113.29	103.26	62.83	17.21	2.03	.06	

****SPL 30YR SUMMATION (1951 -1980)****

1	10	63	187	277	238	107	13	0	
41	9.19	62.03	184.66	276.37	236.42	104.49	10.91	1.00	





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